



# Report on 9<sup>th</sup> Edition of State-wide Mega Mock Exercise on Earthquake Disasters

(27 – 05 – 2025, 03 – 06 – 2025 & 06 – 06 – 2025)



*Organized by*  
**Government of Himachal Pradesh**  
**Department of Revenue**  
**(Disaster Management Cell)**  
**H.P. Secretariat Shimla- 2**

*Supported by*  
**National Disaster Management Authority**  
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1070 (State) ; 1077 (District)

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## 1. Introduction

From a seismicity perspective, Himachal Pradesh, located in the northwestern Himalayas, is highly sensitive to earthquakes. Over the past century, the state has witnessed numerous seismic events, ranging from minor tremors to major earthquakes. Significant earthquakes have not only impacted Himachal Pradesh but also affected adjoining regions such as Punjab, Uttar Pradesh, and Jammu & Kashmir. Some of the most notable events include the devastating Kangra earthquake of 1905 (Magnitude 8.0), which claimed approximately 20,000 lives; the Kinnaur earthquake of 1975 (Magnitude 6.7), which resulted in 60 fatalities; and the Dharamshala earthquake of 1986 (Magnitude 5.7), which caused considerable damage. Himachal Pradesh lies in the active Himalayan seismic belt and is classified under Seismic Zones IV and V, indicating a high to very high earthquake risk. Alongside this geological vulnerability, the state has undergone substantial population growth and infrastructure expansion in recent decades. Being a mountainous state with a fragile ecosystem, Himachal Pradesh is prone to a wide range of natural and anthropogenic hazards. These include landslides, particularly in districts like Kinnaur, Mandi, and Kullu, often triggered by steep terrain, heavy monsoon rains, and deforestation; frequent floods and flash floods during the monsoon, especially in river basins such as the Beas and Sutlej; and cloudbursts in high-altitude areas like Kullu and Shimla. The state also faces snow avalanches in winter, particularly in Lahaul-Spiti and Kinnaur; forest fires in districts such as Kangra and Mandi; and a growing threat from Glacial Lake Outburst Floods (GLOFs) driven by climate change. Additionally, droughts and extreme cold waves disrupt agriculture and isolate remote communities. This diverse hazard profile underscores the urgent need for comprehensive, multi-hazard disaster preparedness, risk reduction, and mitigation strategies across the state.

## 2. Aim

To simulate a realistic earthquake scenario in order to test, evaluate, and strengthen the operational readiness, coordination mechanisms, and response capabilities of various stakeholders involved in disaster management across Himachal Pradesh.

## 3. Objectives

The primary objective of the 9th Edition of the State-wide Mega Mock Exercise on Earthquake Disasters is to assess and enhance the preparedness, coordination, and response capabilities of all stakeholders involved in disaster management across Himachal Pradesh. The exercise aims to:

- ✓ **Evaluate the effectiveness** of the Incident Response System (IRS) at the State, District, Sub-Division, and Tehsil levels in responding to earthquake scenarios.
- ✓ **Strengthen inter-agency coordination** among government departments, emergency services, armed forces, NGOs, and community-based organizations.
- ✓ **Test the functionality of communication systems**, including alternate and emergency communication channels.
- ✓ **Identify gaps in resources, logistics, and manpower**, and suggest corrective measures for capacity enhancement.
- ✓ **Enhance community awareness and participation** in earthquake preparedness and response through real-time simulation and public engagement.
- ✓ **Validate the existing Disaster Management Plans** (SDMP, DDMPs, IRS Plans, SOPs) and promote regular updating based on lessons learned.

- ✓ **Promote a culture of preparedness and resilience** across institutions and communities vulnerable to seismic risks.

#### 4. Scope

The exercise was conducted in accordance with the National Guidelines on the Incident Response System (IRS), which have been adopted by HPSDMA since the formal notification of the Incident Response Teams (IRTs) on **7th September 2017** (Annexure-A). The Mega Mock Exercise is structured in the following three phases:

- I. **Orientation & Coordination Workshop** – Successfully held on **27<sup>th</sup> May 2025**
- II. **Table-Top Exercise (TTEx)** – Conducted on **3<sup>rd</sup> June 2025**
- III. **Mock Exercise (Physical Simulation)** – Conducted on **6<sup>th</sup> June 2025** in around 109 simulation sites were activated across all districts of the state.

#### 5. Orientation & Coordination Workshop - 27th May 2025

At the outset, **Sh. D.C. Rana**, Director cum Ex Officio Special Secretary (Rev. DM) to the Government of Himachal Pradesh, extended a warm welcome to Maj. Gen. Sudhir Behl (Retd.), Lead Consultant, NDMA, along with all Deputy Commissioners, Heads of Departments, and officials from various stakeholder departments. He provided a brief overview of the workshop agenda, emphasizing the objectives of the Table-Top Exercise (TTEx) and the upcoming State-wide Physical Simulation Exercise focused on earthquake preparedness.



Following the welcome address, **Maj. Gen. Sudhir Behl (Retd.)** delivered a detailed presentation to support the preparations for the 9th Edition of the State-wide Mega Mock Exercise on Earthquake Disasters. Organized jointly by the National Disaster Management Authority (NDMA) and the Himachal Pradesh State Disaster Management Authority (HPSDMA), the workshop saw active participation from key line departments, District Disaster Management Authorities (DDMAs), emergency services, and other key stakeholders.

The session began with an overview of the objectives of the Mega Mock Exercise, emphasizing the need to establish a robust and well-coordinated multi-agency response mechanism to effectively manage the impact of high-magnitude seismic events. Maj. Gen. Behl provided a comprehensive recap of the Incident Response System (IRS), highlighting the responsibilities of Incident Commanders, Section Chiefs, and Incident Response Teams (IRTs) at the State, District, and Sub-Divisional levels. He emphasized the integration of IRS protocols within existing district disaster management frameworks.

The workshop proceeded with an outline of the overall programme structure for the Mega Mock Exercise. A detailed briefing was given on the preparatory actions to be taken at both State and District levels, which included the identification of simulation sites, activation of Emergency Operation Centres (EOCs), pre-positioning of critical resources, and inter-agency coordination. The conduct modalities for the Table-Top Exercise (TTEx) were explained, noting its significance as a platform for scenario-based planning, identifying gaps, and enhancing coordination among stakeholders.

Further, the Mega Mock Exercise (ME) modalities were discussed, focusing on realistic simulations of earthquake impacts such as structural collapses, mass casualties, road blockages, fires, and communication failures. The exercise will involve coordinated multi-agency responses, including medical triage and evacuation, urban search and rescue operations, deployment of alternate communication systems (e.g., HAM radio), and community-level response mechanisms. Local residents, volunteers, and school children will also participate to strengthen public awareness and preparedness.

The workshop emphasized the coordination efforts required at both State and District levels, including the activation of Emergency Support Functions (ESFs), logistical planning, and integration of local response frameworks with the State Emergency Operations Centre (SEOC). A summary of simulation scenarios to be conducted across different districts was shared to ensure standardization and alignment of efforts statewide.

In conclusion, Maj. Gen. Behl urged the State Government, Deputy Commissioners, and all concerned departments to undertake immediate action to ensure readiness. Nodal Officers were directed to organize follow-up sessions with stakeholders at the district and departmental levels to facilitate smooth implementation. He also recommended issuing a media curtain-raiser to build public awareness and engagement regarding the impending Mega Mock Exercise.

The workshop concluded with a strong emphasis on inter-agency coordination, timely execution of preparedness activities, and active community participation to ensure the success of the upcoming exercise.

Based on the discussions held during the workshop, a **Checklist** (*Annexure – I*), a compilation of **Key Learnings from the 8th State-wide Mega Mock Exercise** (*Annexure – II*), and a **copy of the Presentation** (*Annexure – III*) have been prepared and shared with all stakeholders for their reference.



and necessary follow-up action. Additionally, the **list of participants** who attended the Orientation & Coordination Workshop has been enclosed as (*Annexure – IV*)

## 6. Table-Top Exercise (TTEx) – Conducted on 3rd June 2025

As part of the preparatory activities for the 9th State-wide Mega Mock Exercise on Earthquake Disaster, a Tabletop Exercise (TTEx) was conducted on 3rd June 2025 in the Conference Hall of the Armsdale Building, Shimla, in a hybrid mode. The exercise involved active participation from all key stakeholders and response agencies, including field functionaries and district-level officers across Himachal Pradesh. The objective was to assess inter-agency coordination and institutional readiness in response to a major earthquake scenario.



The TTEx witnessed enthusiastic participation from all districts. Senior officers including Deputy Commissioners (DCs), Additional Deputy Commissioners (ADCs), District Revenue Officers (DROs), and Sub-Divisional Magistrates (SDMs) led the district-level discussions. Uniformed forces such as the NDRF, SDRF, ITBP, Army, Police, CISF, SSB, Home Guards, and IRB joined either physically or through virtual mode. Industry representatives from HPCL (Solan), Pidilite and Ruchira Paper Products (Sirmaur), and IOCL (Una) were present. Key line departments such as Health, IPH, PWD, Power, Transport, HRTC, and Animal Husbandry participated in the discussions. Further, community-based organizations including NGOs, Panchayati Raj Institutions (PRIs), and youth organizations like NCC, NSS, NYKS, and Bharat Scouts & Guides were engaged, reinforcing a community-centric approach. Incident Response Teams (IRTs) in all districts were activated and briefed on their roles as per the Incident Response System (IRS) protocols. The exercise demonstrated a whole-of-government and whole-of-society approach, encouraging effective coordination and preparedness assessment.

At the outset, **Sh. D.C. Rana**, Director cum Ex Officio Special Secretary (Rev. DM) to the Government of Himachal Pradesh, extended a warm welcome to Lt. Gen. Syed Ata Hasnain (Retd.) (PVSM, UYSM, AVSM, SM, VSM & Bar), Member, NDMA, Maj. Gen. Sudhir Behl (Retd.), Lead Consultant, NDMA, along with all Deputy Commissioners, Heads of Departments, and senior officials from stakeholder departments. He briefed the gathering on the objectives of the TTEx and highlighted

that this is the 9<sup>th</sup> Mega Mock Exercise being conducted by HPSDMA. He recalled the previous exercises held on floods, flash floods, landslides, cloudbursts, and GLOFs, and informed the participants that a communication drill was also conducted across the state as a preparatory activity for the upcoming mega mock.

**Lt. Gen. Syed Ata Hasnain (Retd.)**, Member, NDMA, addressed the participants virtually and appreciated the proactive role of the Himachal Pradesh State Disaster Management Authority (HPSDMA) in promoting disaster preparedness. He emphasized the importance of continuous readiness to respond to large-scale disasters and assured that NDMA will continue to support the state in all future endeavours.



Following this, **Maj. Gen. Sudhir Behl (Retd.)**, Lead Consultant, NDMA, delivered a detailed presentation on the mock exercise scenario. He discussed the likely impact of a high-magnitude earthquake, cascading hazards, and the multi-agency response mechanisms required. His presentation also included recommendations for improving coordination, communication, and field-level implementation strategies. A copy of the presentation is enclosed as (*Annexure – V*)

During the exercise, the **14th Battalion of the National Disaster Response Force (NDRF)** conducted a demonstration of various emergency response equipment at the Himachal Pradesh Secretariat campus. The exhibition showcased key tools and technologies used in search and rescue

operations, medical first response, communication, and logistics support during disasters. This hands-on display not only highlighted the operational capabilities of NDRF but also served as a practical awareness and learning opportunity for civil officials and stakeholders present during the Tabletop Exercise.







## 7. Mock Exercise (Physical Simulation) – Conducted on 6th June 2025

### Programme Schedule

| Time               | Activity  |
|--------------------|---|
| 9:00 AM            | ME Initial status – IRS activated and facilities created. EOCs immediate actions and business continuity check  |
| 9:10AM – 9:20AM    | Switch to Wireless Communication, build situational awareness & Analyze NCS report  |
| 9:30 AM – 10:30 AM | Initial Community response (Volunteers / CD / HG) – LIVE STREAM. NDMA Team will Physically Witness at Nominated locality / market / petrol pump . Activate Staging Area, ICP. Etc. Notify Disaster ; requisition to |



|                     |  |
|---------------------|--|
|                     | NDRF & Uniformed Forces, seek Medical resources ex centre  |
| 10:30 AM – 11:00 AM | Situational Updates on GIS and Review of Situation & IAP Pstn at SEOC & DEOC   |
| 11:00 AM onwards    | Specialist Response by the IRTs / TFs at simulation sites Controlled from SEOC / DEOC (DDMAs will respond in as per schedule). |
| 11:40 AM – 01:15 PM | NDMA team Physical visit to School / Hospital. Route Chart will be prepared by DDMA Shimla                                     |
| 2:15 PM – 3:30 PM   | Debriefing (NIC Studio )   |

Upon receiving an alert from the National Centre for Seismology regarding an earthquake of magnitude 8.0 near Kangra/Dharamshala, the State Emergency Operation Centre (SEOC) immediately issued a notification and disseminated it to all District Emergency Operation Centres (DEOCs). An SMS alert was also sent to stakeholders. Initial reports indicated substantial structural damage and significant human and material losses. Based on preliminary assessments, the scale and severity of the incident were found to be beyond the coping capacity of the State. Consequently, the event was declared a Level-3 (L3) Disaster under the National Disaster Response Framework. All response agencies were promptly activated, and the first community-level response was initiated. The entire response activity was monitored live from the SEOC through online streaming, as per the schedule provided below:

**Live Streaming Schedule**  
**Time Slot-wise District Simulation Scenario Relay – 9<sup>th</sup> State-Wide Mega Mock Exercise**  
**(Earthquake Preparedness) | 6<sup>th</sup> June 2025**

**I. Community Response Simulation (09:30 AM – 10:30 AM)**

| Time Slot        | District (Community Response Simulation) School / Local Market |
|------------------|--|
| 09:30 – 09:35 AM | Kangra   |
| 09:35 – 09:40 AM | Solan  |
| 09:40 – 09:45 AM | Hamirpur   |
| 09:45 – 09:50 AM | Bilaspur   |
| 09:50 – 09:55 AM | Kinnaur  |
| 09:55 – 10:00 AM | Kullu  |
| 10:00 – 10:05 AM | Lahaul-Spiti   |
| 10:05 – 10:10 AM | Mandi  |
| 10:10 – 10:15 AM | Rampur (Shimla)  |
| 10:15 – 10:20 AM | Sirmaur  |
| 10:20 – 10:25 AM | Chamba   |
| 10:25 – 10:30 AM | Una  |

**II. Major Impact Simulation (11:00 AM Onwards)**

| Time Slot        | District     | Scenario Description                             |
|------------------|--------------|--|
| 11:00 – 11:10 AM | Kangra       | Staging Area and Relief Camp                     |
| 11:10 – 11:20 AM | Solan        | Regional Hospital Building Collapse and MAH Unit |
| 11:20 – 11:30 AM | Kullu        | Glacial Lake Outburst Flood (GLOF) and Landslide |
| 11:30 – 11:40 AM | Mandi        | Building Collapse and Hydro Power Project Damage |
| 11:40 – 11:48 AM | Hamirpur     | Pandoh Dam Failure                               |
| 11:48 – 11:56 AM | Bilaspur     | NTPC Kol Dam Breach                              |
| 11:56 – 12:04 PM | Shimla       | Landslide Thoege                                 |
| 12:04 – 12:12 PM | Sirmaur      | Industrial Hazard – Fire Incident                |
| 12:12 – 12:20 PM | Chamba       | Collapse of Structures in Market Area            |
| 12:20 – 12:28 PM | Una          | Fire & Structural Collapse – Industrial Area     |
| 12:28 – 12:35 PM | Kinnaur      | Rock Fall and Avalanche                          |
| 12:35 – 12:40 PM | Lahaul-Spiti | Glacial Lake Outburst Flood (GLOF)               |
| 12:40 Onwards    |              | Restoration                                      |



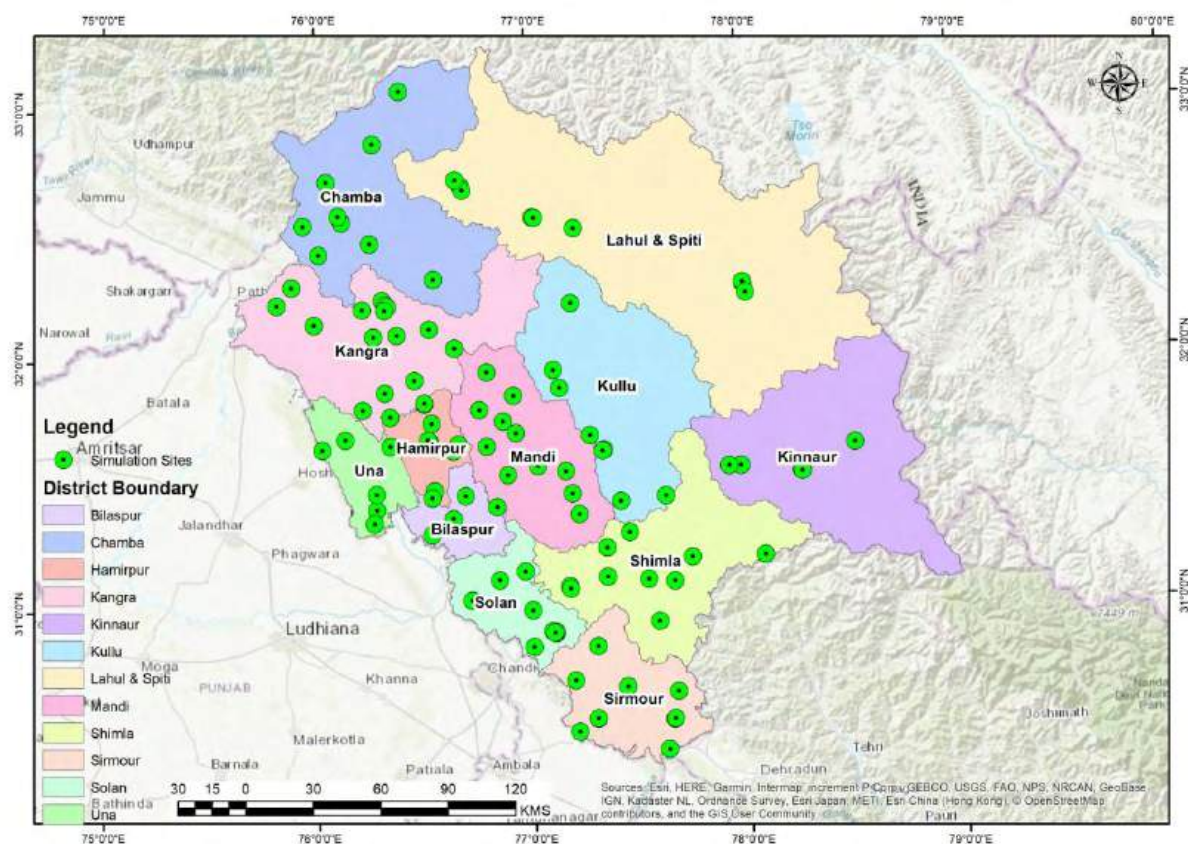


## 8. At a Glance

|              | Participation in Orientation & Coordination Workshop 27-05-2025 | Participation in Table-Top Exercise (TTEx) – Conducted on 03-06-2025 | Simulation Sites (Scenario) | No. of Observers | No. of Educational Institutions Evacuation drills (06-06-2025) | No. of Health Institutions Evacuation drills (06-06-2025) | No. of Office Evacuation drills (06-06-2025) | No. of NGOs participated (06-06-2025) | No. of Volunteers Utilised (Youth / NSS/NYKS etc.) (06-06-2025) | No. of Appada Mitras Utilised (06-06-2025) | IEC Material Distributed on EQ | Number of NDRF Team Members Involved (06-06-2025) | Number of SDRF / HG & CD / Fire Team Members Involved (06-06-2025) | Number of NCC Cadets Involved (06-06-2025) |
|--------------|---|--|-----------------------------|------------------|--|---|--|---------------------------------------|---|--|--------------------------------|---|--|--|
| State        | 15  | 52   |                             |                  |  |   |  |                                       |   |  |                                |   |  |  |
| Bilaspur     | 29  | 45   | 8                           | 4                | 5  | 3   | 9  | 3                                     | 46  | 0  | 750                            | 0   | 0  | 60   |
| Chamba       | 25  | 30   | 9                           | 9                | 113  | 21  | 35   | 7                                     | 50  | 30   | 300                            | 0   | 0  | 30   |
| Hamirpur     | 25  | 30   | 10                          | 5                | 117  | 26  | 29   | 4                                     | 52  | 20   | 35000                          | 0   | 0  | 20   |
| Kangra       | 50  | 52   | 17                          | 12               | 150  | 45  | 25   | 25                                    | 150   | 240  | 1500                           | 25  | 26   | 30   |
| Kinnaur      | 25  | 33   | 7                           | 4                | 4  | 5   | 5  | 1                                     | 4   | 1  | 500                            | 0   | 0  | 0  |
| Kullu        | 60  | 75   | 9                           | 9                | 138  | 42  | 58   | 13                                    | 109   | 49   | 1500                           | 0   | 0  | 61   |
| Lahaul Spiti | 33  | 48   | 9                           | 3                | 4  | 4   | 12   | 0                                     | 0   | 20   | 500                            | 15  | 0  | 0  |
| Mandi        | 34  | 40   | 13                          | 7                | 20   | 13  | 30   | 5                                     | 500   | 57   | 1200                           | 25  | 21   | 25   |
| Shimla       | 46  | 56   | 12                          | 12               | 1833   | 55  | 52   | 6                                     | 537   | 8  | 547                            | 30  | 160  | 0  |
| Simaur       | 36  | 49   | 10                          | 11               | 240  | 16  | 34   | 8                                     | 104   | 0  | 1500                           | 0   | 122  | 76   |
| Solan        | 21  | 46   | 9                           | 9                | 250  | 16  | 62   | 6                                     | 52  | 12   | 1000                           | 30  | 136  | 40   |
| Una          | 32  | 43   | 5                           | 6                | 44   | 19  | 26   | 10                                    | 73  | 48   | 4616                           | 0   | 102  | 75   |
| Total        | 431   | 599  | 118                         | 91               | 2918   | 265   | 377  | 88                                    | 1677  | 485  | 48913                          | 125   | 567  | 417  |

The details of the simulation sites where the mock activities were conducted are enclosed as **(Annexure –VI)** and the reports compiled by the SEOC at state level is enclosed as **(Annexure – VII)**

### Location Map of the Simulation Sites



## 9. Debriefing

A debriefing session was chaired by Sh. K.K. Pant, Additional Chief Secretary (Revenue-DM) to the Government of Himachal Pradesh, who emphasized the criticality of the scenarios and the need to enhance preparedness for future disasters. He stated, “The more we sweat in peace, the less we bleed in war,” and called upon all departments to identify gaps, take corrective actions, and ensure follow-up. Observers deployed at the district level provided detailed feedback and highlighted areas requiring improvement. Deputy Commissioners, in their roles as Chairpersons of the District Disaster Management Authorities (DDMAs), also presented their observations and committed to addressing the shortcomings noted during the exercise.

Speaking on the occasion, Sh. D.C. Rana, Director-cum-Ex Officio Special Secretary (Revenue-DM), Government of Himachal Pradesh, urged districts to strengthen medical response planning, logistics preparedness, and relief and rescue mechanisms. He further emphasized the importance of establishing VSAT communication networks (PoISAT) and providing GIS training to stakeholders to enhance geographic mapping of impacted areas and improve response planning.

In his closing remarks, Maj. Gen. Sudhir Behl (Retd.), Lead Consultant, NDMA, underscored the importance of coordination among all response agencies including SDMAs, DDMAs, and line departments. He stressed that achieving the goals of disaster preparedness and risk reduction is only possible through unified efforts and effective inter-agency collaboration. He concluded by urging all stakeholders to remain vigilant, proactive, and ready to respond to any major disaster.



## 10. Observers' Feedback:

Chief Observer Sh. Baljinder Singh, Commandant, 14th Battalion NDRF, stationed at the State Emergency Operation Centre (SEOC), along with 12 Chief Observers at the District Emergency Operation Centres (DEOCs) and several other observers at simulation sites, closely monitored the exercise. They identified various strengths, gaps, and areas for improvement during the conduct of the Tabletop Exercise. A detailed compilation of their observations, feedback, and suggestions is enclosed as **(Annexure – VIII)** for reference and further necessary action.

## 11. Key Challenges Observed at the State Level

1. Participation of Officers of the Department was poor. Low level officials participated in various phases of the mock drill. Different officers' participation during different stages of the ME, i.e. during Coordinating Conference, Table Top and Mock Exercise which resulted in break in communication. Some Deputy Commissioners also didn't participate in the ME.
2. State EOC is highly equipped to sustain itself for few days in case of worst-case scenarios.
3. Non-functional IRT was big hinderance in testing IRS system at the State level. The officers who represented in IRT their respective departments were not trained and well versed with the subject, roles and responsibilities.
4. There were issues in understanding the projected scenario and preparation of plans accordingly at the State and district level.
5. Relay schedule for live-streaming from the incident sites given to districts didn't work. There was huge communication gap.

## 12. Important Issues for Improvement

1. All Departments at the State level – Central and State Govt. – should be asked to prepare for worst case scenario and prepare detailed action plan and share with HP SDMA keeping 1905 Kangra earthquake repeat scenario developed by the NDMA in 2012 involving IITs and other National Level institutions and central agencies. Action Plan for damage assessment, community-based response, medical response (surge capacity, setting up of temporary hospitals, ambulance services, emergency supplies, etc.), disposal of the dead, search and rescue, relief measures, restoration of infrastructure, emergency communication, air evacuation, etc. needs to be elaborately drawn by the ESF departments. **(Action by all Departments of State and DDMA's)**
2. In view of the 2012 earthquake scenario and other worst-case scenario, national response teams and relief material is likely to land at Chandigarh & Pathankot airports and railheads at

Kalka, Chandigarh and Pathankot. Coordination mechanism at these airports, rails heads and logistics arrangements from there has to be arranged accordingly from these locations. Logistics exercise in this regard needs to be carried out with airport & rail authorities and state of Punjab, Haryana and Chandigarh. **(Action by DMC/HP SDMA)**

3. The State IRT structure notified under IRS is non-functional and redundant. No member of the IRT participated in the ME. There is need to re-notify the State IRT nominating members at the lower level and preferably from amongst the Nodal Officers (DM) of the concerned departments. **(Action by DMC)**
4. All Districts may be asked to identify and notify relief camps – building and open spaces. While carrying out this exercise, the districts may be advised to avoid educational institutions as this hamper normalization of life after disasters for longer time due to hindrance to the education of children. **(Action by all the DDMA's)**
5. State and district EOCs need to be equipped in all respect to make them self-sustaining for 7 days – provisions of power backups, potable water, food/ration for staff, arrangement for rest, washing facilities, etc. **(Action by DMC and all DDMA's)**
6. Civil Defence system in the state needs to be rolled out in a time bound manner – enrolment and training of volunteers; provisions of siren systems, etc. The Department is also required to prepare Civil Defence Action Plan for the State. It was also observed that the department hasn't shared report in the checklist sent by the GOI during Operation Sindoor with NDMA. **(Action by ADGP HHH, CD & FS)**
7. Pole Net VSATs needs to be installed in all EOCs to provide additional layer of emergency communication. **(Action by CTS, Police HQ)**
8. The control rooms of Fire Services and all 108 Ambulances should be covered with emergency communication network for which CTS wing of Police Department will prepare proposal in consultation with the concerned departments and submit to DMC. **(Action by CTS, Police HQ)**
9. All the emergency response centers (356 No.) identified by DMC and approved by the SEC need to be equipped with basic SAR equipment on priority. These departments need to send detailed proposals with budget requirement to the DMC within a month's period. **(Action by Police, HHG, FS, Mountaineering Institute, etc.)**
10. There is need to connect all the SDMs through Police Network and VHF equipment can be fixed in their official vehicles. The districts can also plan their own network for emergency communication which can be used for organizing events, conduct of elections, melas/ yatras, etc. **(Action by CTS, Police HQ & All DDMA's)**



11. In order to coordinate response from the Army, there is need to nominate one focal point for the State which can coordinate with various Army commands operating in the State. **(Action by NDMA/ Army HQ)**
12. All DDMA's need to map drones available in the districts and build capacity for damage assessment and live feeds to be State EOC and DEOCs. There can be regular mock exercise for this. Such resources available in private sector needs to be updated in the IDRN. **(Action by all DDMA's)**
13. All helipads available in the State and already mapped to have information about dimension of the helipad/landing space – length and breadth. **(Action by all DDMA's)**
14. In order to institutionalize IRS, mock drills with different sections of the IRTs can be conducted. **(Action by all HP SDMA & DDMA's)**
15. All Municipal Corporations and Municipal Councils need to prepare their own community-based disaster management plans which includes preparation of City Disaster Management Plan, training and capacity building of volunteers, setting up of EOCs, etc. **(Action by Urban development Department and concerned MCs).**
16. The HP SDMA and all DDMA's have notified Emergency Support Functions (ESFs). Concerned departments need to appoint senior officers as Responsible Officers (RO1; RO2; and RO3) in order of seniority to perform the notified functions during emergencies. **(Action by all Departments entrusted with ESFs at State and District level)**
17. Officials of DDMA's may be trained to use GIS for better and effective emergency response. **(Action by DMC)**
18. Participation of NGOs, NCC, NSS, Volunteers, Community and Community leaders need to be ensured in large number in such exercises. **(Action by all DDMA's)**
19. There is need to GIS database with all essential base layers including, up-to-date information on resources, infrastructure and locations of response agencies at a minimum of 1: 5000 scale to enable effective disaster impact mapping and operational planning. A dedicated GIS lab should be established in all EOCs for GIS based decision support system (DSS). **(Action by SDMA and all DDMA's)**

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# **Annexure**



## **HP State Disaster Management Authority**

### **Checklist for 9<sup>th</sup> State Wide Mega Mock Exercise**

**FY 2025-26**

**(Theme: Earthquake and Associated Disasters)**

#### **Locations of the Mock Exercise**

- 1) All districts of the State – multiple locations e.g. vulnerable locations of District HQs, Sub-Divisional HQs, Schools, Colleges, Universities, Hospitals, industrial areas, etc. as may be decided by the DC and Observer.
- 2) Evacuation drill shall be practices in all educational institutions and offices of state and Central Govt. establishments

**(Action by – DDMA's)**

#### **Key Objectives: To Assess: -**

- 1) The efficacy of Response Plan (of DDMP/SDMP/Departmental DMPs) at respective level.

**(Action by- SDMA, DDMA's, Police, Fire Services, Indian Army and Paramilitary forces and all the relevant stakeholder departments)**

- 2) Assess the understanding of IRS at State and District level and check, if response during mock exercise is in conformity of norms of IRS (for example- Activation of EOC, Establishment of staging area, Mustering of all resources in staging area, creation of task forces and allocation to designated areas, Rescue and Relief operations, Casualty evacuation and Establishment of relief camp and so on.



**(Action by- SDMA, DDMA, Police, Fire Services, Indian Army and Paramilitary forces and all the relevant stakeholder departments)**

- 3) The mock exercise should start with a pre-defined siren/sound which may last for 2 minutes. During this period (2 minutes) all officials in Government offices and students at schools and colleges will practice “Dos & Don’ts to the disaster specific.

**(Action by- Secretariat Administration Department, HPSDMA, DDMA, Education Department and All the Universities (technical and non-technical) in the Himachal Pradesh)**

- 4) Followed by evacuation of vulnerable villages, occupants of Govt. Offices, Schools and other Educational Institutions like, Colleges (both Technical and Non-Technical), Universities, ITIs, etc. through the pre-defined evacuation routes and their assembly at the designated places.

**(Action by- Concerned departments, Education department, and All the Universities (technical and non- technical) in the Himachal Pradesh)**

- 5) Speed of removal of vehicles from the office compounds and time taken by fire tenders to reach these locations

**(Action by- Secretariat Administration Department)**

- 6) Knowledge about ESFs and institutionalization thereof in the Departments/Districts.

**(Action by – DDMA, Concerned departments in close coordination with SDMA)**

- 7) Testing the functioning of State/District Emergency Operation Centers and expand the functioning as per IRS.

**(Action by- Observers, SDMA, DDMA)**

- 8) Promptness in mobilization of resources by the Departments in performing their ESFs

**(Action by- Concerned participating departments in close coordination with HPSDMA)**

9) Level of coordination with local Army, CPMFs (Regional Response Centre), NDRF, Air Force, etc.

**(Action by- SDMA, DDMAs, Indian Army, Paramilitary Forces, Airforce)**

10. At hospital level we will assess – arrangements for triage, surge capacity, setting up of temporary hospital, etc.

**(Action by- Department of Health & Family Welfare, Directorate of Medical Education, IGMCI, DDU)**

11. For Fire, Home Guard and Civil Defense – SAR and selection/ mobilization of volunteers, etc.

**(Action by- Directorate of Fire services, Home Guards & Civil Defense)**

12. To test communication plan & compatibility of communication networks used by the local police, central paramilitary forces and Army.

**(Action by – DG Police, Indian Army and Paramilitary forces)**

13. Revenue – setting up of relief camps, mobilization of relief material, etc.

**(Action by- DDMAs)**

14. Government- Non-Government Organization (GO-NGO) cum IAG Coordination

**(Action by – SDMA, DDMAs, IAG and DIAG Network)**

15. Similar goals may be set for other departments.

## **Scenario**

16. Scenarios at 4-5 locations will be developed by the respective DDMAs in consultation with the SDMA.

17. At least one scenario in each Sub Division may be considered.

## **Mock Drill at the Secretariat Level**

1. Sounding of start with siren
2. Practice of Dos and Don'ts
3. Orderly evacuation as per evacuation plan
4. Assembly of staff at designated places

5. Removal of vehicles (Govt.) by the Drivers to a designated place
6. Arrival of Fire and rescue tenders inside the secretariat parking lots
7. Search and rescue by the fire department
8. Closure of mock drill with the sound of the siren

**(Action by- Secretariat Administration Department)**

### **Supervision of the Mock Drills at all Location**

1. Officers from the NDMA, Army and CPMFs may be deputed who will observe the mock drill at different locations.

**(Action by- SDMA & DDMA's)**

2. The Observers will share their report with the DMC directly.

### **Closure of the Mock Drill**

1. De-briefing sessions in each location after the conduct of Mock Drill

### **Documentation and Reporting**

1. Report writing by district on what worked and what did not work; deficiencies noticed – department wise, etc.
2. Lessons learnt
3. Action plan to improve plan and response
4. Photography

**(Action by – DDMA's)**

### **Involvement of Local Leader**

1. We should involve local Ministers, MLAs and other public representatives in the exercise.

### **Action of Mock Drill**

1. Action of EOCs
2. Activation of IRTs
3. Evacuation Drills in all educational institutions and Govt establishments
4. Activation of emergency communication
5. Damage Assessment
  - Local functionaries and community
6. Emergency Response

- Community Response
- Response of local volunteers and officials
- Response of Sub Divisions
- Setting up of Incident Command Post
- District Response – Fire, HHG and Civil Defence
- State Response – SDRF; NDRF; NDRF; Army, IAF
- Use of Drones and Livestreaming of mock drill to DEOC and SEOC

#### 7. Relief Measures

- Setting up and running of Relief Camps
- Distribution of relief material

#### 8. Closing of Mock Drill

#### 9. Debriefing

### **Campaign to make the Mock Exercise Successful**

1. Printing of Dos and Don'ts in print media **(Action by- SDMA)**
2. Campaign through local Cable operators about “Drop, Cover and Hold” and other precautionary measures (DDMAs and SDMA) required for earthquake safety. **(Action by- SDMA, DDMAs)**
3. Screening of movies “Surviving Nature’s Fury” and other relevant documentaries in local cable one week before the drill **(Action by- DDMAs)**
4. Distribution of IEC material to local residents during the mock exercise **(Action by- DDMAs)**

## Action Points for DDMA's for Preparation of Mock Drill

| Sr. No. | Action Points  | Action By                   |
|---------|--|-----------------------------|
| 1.      | The Exercise is going to be of L3 Disaster   | All DDMA's                  |
| 2.      | All officers may familiarize themselves with SOPs, ESFs, Guidelines and DDMPs  | All Departments             |
| 3.      | Hold meeting of DDMA, meeting with IRT, IAG, mock drill on communication, checking preparedness of Dams, etc. by 2 <sup>nd</sup> June 2025   | All DDMA's                  |
| 4.      | Check IRTs and fill in the vacancies in the team and holding meeting with members before 3 <sup>rd</sup> June 2025.  | (HP SDMA & DDMA's)          |
| 5.      | Prepare Scenario for Mega Mock Exercise at least one in each Sub-Division – Please share list by 3 <sup>rd</sup> June 2025   | All DDMA's                  |
| 6.      | Identify and appoint observers from Army, CPMFs, and Police  | All DDMA's                  |
| 7.      | Share ESFs with all stakeholders.  | All DDMA's                  |
| 8.      | Identify Staging Areas; Relief Camps at all incident sites by 5 <sup>th</sup> June, 2025.  | All DDMA's                  |
| 9.      | Involve IAG, Volunteers, and Aapda Mitras in the Exercise  | All DDMA's                  |
| 10.     | Print and distribute IEC material on Floods, GLOFs & Landslides in all educational institutions and public by 5 <sup>th</sup> June, 2025 – during the conduct of mock drill                            | All DDMA's                  |
| 11.     | Prepare and Present PPT on 3 <sup>rd</sup> June, 2025 during TTEx on response with respect to Floods, GLOFs, Landslides & Industrial disasters   | All DDMA's and Departments  |
| 12.     | All Departments (State Level), Members of State IRT to ensure physical presence during TTEx scheduled on 3 <sup>rd</sup> June, 2025 at State Level   | All Departments & DDMA's    |
| 13.     | Please activate all ISATs, VSATs and Drones. Drone footage will be displayed at State EOC.   | All DDMA's                  |
| 14.     | For 4 identified GLOFs which are scheduled for field visit (Kullu, L & S and Kinnaur), we may consider evacuating villagers. It may require a lot of home work for which DDMA's may plan meticulously. | DDMA Kullu, L&S and Kinnaur |
| 15.     | Mock Exercise in Industrial area or major facility of the district – at least one location each  | All DDMA's                  |
| 16.     | No relief camp may be setup in educational institutions  | All DDMA's                  |
| 17.     | Mock Exercise may be carried out in almost safe way to avoid injury / havoc to participants and others   | All DDMA's                  |
| 18.     | Use of IDRN, Mock Requisition of Army, IAF, and Other Responders   | All DDMA's                  |
| 19.     | Share ATR on action points and checklist of 9th Mega Mock Exercise by 3rd June, 2025.  | All DDMA's                  |

# Learning of 8<sup>th</sup> Mega Mock Exercise Conducted on Flood, Flash Floods, Landslides & GLOFs – 14<sup>th</sup> June 2024

## Debriefing of the Mock Exercise

The debriefing session conducted by Director-cum- Ex Officio Special Secretary Sh. D.C. Rana (I.A.S) after the mock drill revealed several important gaps and areas for improvement in the disaster preparedness and response efforts. Here are the key points discussed during the session:

### Observer Feed Back

- ✓ District-Level Disaster Management Plans: Emphasize the importance of localized strategies by ensuring each district prepares and regularly updates its disaster management plan to address specific regional challenges effectively.
- ✓ Resource Inventory: Continue efforts to create and maintain a comprehensive resource inventory at the district level. This inventory is crucial for efficient resource allocation and timely response during disaster situations.
- ✓ Inundation Maps: Utilize the inundation maps prepared by the DM-cell through HRVA for different water levels in all river basins. These maps are invaluable for assessing potential damage and planning appropriate response efforts.
- ✓ Dam Authority Involvement: Leverage the significant role of the Dam Authority in planning and conducting disaster preparedness exercises. Their facilities and expertise should continue to be extensively utilized for training and simulation exercises.
- ✓ Community Participation: Maintain and expand the involvement of vulnerable community members in disaster preparedness exercises. This participation enhances the realism of response activities and raises awareness among the broader population.
- ✓ Learning from Shortcomings: Document and address shortcomings observed during the Table Top Exercises (TTEs) and other mock exercises. Continuous improvement based on these insights is vital for enhancing disaster preparedness.
- ✓ Synergy and Coordination: Foster better synergy and coordination among various agencies involved in disaster response by incorporating valuable suggestions and inputs from all stakeholders during the exercises.
- ✓ Media Coverage: Encourage extensive media coverage of disaster preparedness exercises. This serves as an effective tool for public education and awareness, which are essential components of disaster preparedness and response.



- ✓ Incorporation of IRS: need to integrate IRS concepts into these plans to ensure a structured and efficient response during disasters.
- ✓ Updated Resource Inventory in respective DDMPs: There was recognition of the importance of including an inventory of all available resources in the respective DDMPs. A comprehensive resource inventory is crucial for efficient resource allocation during disaster response.
- ✓ Pre-designated Responsibilities: The need for pre-designated responsibilities for officers and departments was emphasized. Clearly defined roles and responsibilities ensure an organized and prompt response during a disaster, avoiding confusion and delays.
- ✓ Livestock Evacuation and Sheltering: It was observed that there was no plan in place for the evacuation and sheltering of livestock during the mock drill. This is an essential aspect of disaster preparedness, especially in agricultural regions.
- ✓ Participation of Volunteers and NGOs: The debriefing session highlighted that the participation of volunteers and non-governmental organizations (NGOs) was negligent during the exercise. Involving these stakeholders is crucial, as they often play a significant role as first responders and in providing assistance.
- ✓ Communication Skills: It was noted that functionaries appointed for disaster response were not well-skilled in communicating through wireless radio sets. Effective communication is vital during disaster situations, and training should be provided to improve these skills.

#### Key challenges faced

Disaster response demands **“Whole of the Govt. Approach”**, hence participation of the entire Govt. machinery is must in such exercises which have direct bearing on performance of the Govt. in actual situations.

1. There is no participation of AD & HODs, Incident Response Team Members. This was also noticed in many districts where neither DC nor his/her ADC/ADM participated in all the activities of the exercise. (All Departments and Districts).
2. Different officers participated on different dates so they were not aware of what was their role and what was expected from them. This affected the effectiveness and outcome of the mock exercise. (All Departments and Districts).
3. **The ‘Sachet App’ could not be utilized to disseminate messages due to limitations. This needs to be resolved with NDMA. Access control of the App can be given till district level. (Action by DMC)**

## What Needs Improvement

1. The Police Wireless network operates through repeater at Jakhu. This results in information loss. There is no direct communication with districts. There is need to have direct communication link with all districts from the State EOC/Shimla enabling direct and single broadcast from State HQ. Besides, in view of the importance of communication in disaster there is need to have a dedicated channel for disasters. (Action by Police Department)
2. The IDRN database of Chamba, Hamirpur, Kinnaur, Mandi, Shimla, and Una is very low. Shimla district has made lowest data entry. There are a lot of resources with PSUs and private sector. The DDMA's need to make data entry in mission mode and keep it updated on monthly basis. (Action by All DDMA's). Summary of the data uploaded in the IDRN is as under.

| Database Updation District Wise Report of Himachal Pradesh State (15-Jan-2013 To 15-Jun-2024) |                       |
|---|-----------------------|
| District  | NO OF RECORDS UPDATED |
| Bilaspur  | 6195                  |
| Chamba  | 841                   |
| Hamirpur  | 401                   |
| Kangra  | 1500                  |
| Kinnaur   | 732                   |
| Kullu   | 2048                  |
| Lahul Spiti   | 617                   |
| Mandi   | 1364                  |
| Shimla  | 1012                  |
| Sirmaur   | 5211                  |
| Solan   | 1609                  |
| Una   | 702                   |

3. There was lack of clarity among the departments about their roles and responsibilities. The ESFs prepared at State and district level need to be disseminated frequently with them. (Action by DMC and all DDMA's)
4. Lack of coordination and participation of Health and Medical Education Departments was visible at all level. DDMA's need to take Medical Colleges, Regional and local hospitals along when preparing for the exercise. (Action by Health & FW Department and all DDMA's)

## Suggestions:

- ✓ Successful Coordination: Ensure effective coordination among various agencies and stakeholders to streamline disaster response efforts and improve resource allocation during crises.

- ✓ Frequent Mock Drills: Conduct regular mock drills with diverse scenarios such as landslides and flash floods to enhance preparedness and response capabilities among emergency responders.
- ✓ Strengthening Medical Facilities: Invest in upgrading district-level medical facilities to ensure they are well-equipped to provide prompt and effective post-disaster medical care.
- ✓ Community-Level IEC Activities: Enhance Information, Education, and Communication (IEC) activities conducted by DDMA to improve disaster awareness and preparedness among community members.
- ✓ Communication Methods: Promote the use of alternative communication devices like VHF sets and Sat Phones to ensure reliable communication during emergencies, especially in areas with disrupted conventional communication.
- ✓ Use of Drones: Integrate drone technology for surveillance and assessment in disaster-affected areas to facilitate rapid response planning and resource allocation.
- ✓ Learning from Shortcomings: Encourage stakeholder departments to thoroughly analyze and learn from mock exercise shortcomings to refine response strategies and operational procedures.
- ✓ Communication Training: Provide comprehensive training on alternate communication devices (e.g., VHF, HAM Radio) to DEOC members, IRTs, and key officers to enhance communication resilience during crises.
- ✓ Community Education: Conduct mass awareness campaigns on disaster mitigation and response strategies to empower communities and foster proactive participation in disaster preparedness efforts.
- ✓ Involvement of NGOs and Local Volunteers: Actively involve trained NGOs and local volunteers in disaster response efforts to bolster first response capabilities and community resilience.

#### Recommendations:

- ✓ Purpose of Mock Exercise: Ensure mock exercises thoroughly test and refine SOPs, equipment readiness, training effectiveness, communication protocols, infrastructure adequacy, and technological preparedness.
- ✓ Attitude: Foster a positive and proactive attitude among all participants, ensuring key IRT members and essential functionaries actively engage and participate in mock exercises.



- ✓ Preparedness: Enhance preparedness through comprehensive scenario visualization, vulnerability mapping, installation of warning systems, identification of safe zones, evacuation planning, and resource pre-positioning.
- ✓ Evacuation Planning: Improve evacuation plans by mapping routes, identifying suitable camp locations with adequate capacities, and conducting regular drills to familiarize responders and communities.
- ✓ Communication: Establish a unified communication frequency to maintain effective coordination and communication continuity during emergencies, particularly in areas prone to mobile network disruptions.
- ✓ Incident Response System: Strengthen the Incident Response System (IRS) by addressing operational weaknesses and collaborating with national disaster management authorities for support and guidance.
- ✓ Volunteer Response: Ensure effective coordination and utilization of volunteers (e.g., NCC, NYK, NGOs, Aapda Mitra, Home Guards) to supplement professional response capabilities during disasters.
- ✓ Common Alert Protocol (CAP): Implement and standardize CAP for streamlined responses across all disaster scenarios, utilizing technology and tools effectively for timely alerts and updates.
- ✓ Coordination of Uniform Forces: Enhance coordination among uniformed forces, designated first responders, and multi-agency responders to optimize resource utilization and response efforts.
- ✓ Strengthen SDRF: Equip and train the State Disaster Response Force (SDRF) with updated skills and equipment to proficiently handle diverse disaster situations.
- ✓ Relief and Response Camps: Properly equip and manage relief and response camps with mapped resources, essential equipment, and tools to support affected populations effectively during emergencies.
- ✓ Hospital Disaster Management Plans: Update and involve medical professionals in hospital disaster management plans, including participation in training exercises to enhance emergency response capabilities.
- ✓ Relief Camp Arrangements: Ensure relief camps are adequately stocked with clothing, medical supplies, and toiletries to provide essential support to affected populations in a dignified manner.

- ✓ Victim Record Keeping: Implement efficient systems for recording victim information using technology like laptops or iPads to facilitate smooth relief operations and maintain accurate records.
- ✓ GLOF Threat Management: Mitigate GLOF threats through early warning systems, community awareness programs, and regular mock exercises in vulnerable areas to minimize potential impact.
- ✓ Industrial Disasters: Implement and ensure effectiveness of the Mutual Aid Scheme for industrial disasters, providing comprehensive training for medical responders and utilizing NDRF capabilities through regular mock drills.
- ✓ Continuous Improvement: Address identified gaps and shortcomings through regular evaluation and improvement of disaster response strategies and capabilities for more effective real-life responses.

#### 1. Actionable Points from the Mock Exercise

1. The field officers and members of IRT need to keep themselves updated about the IRS **system and Dos and Don'ts of the Mock Exercises.** (All Departments and Districts).
2. The entire DDMA should participate in all phases of the mock exercise. (Action by all DDMAAs)
3. There is need to also conduct surprise exercises, at least one in each district which may be triggered by the DMC or DDMAAs. (Action by DMC and all DDMAAs)
4. Members of the IAG at the State and district level should participate in the exercise throughout. (Action by DMC and all DDMAAs).
5. Participation of NCC and NSS may also be ensured in these exercises. (Action by DMC and all DDMAAs)
6. Response agencies like Fire Services and Health Department need training and equipping for dealing with industrial disasters. (Fire Services & Health & FW Department)
7. There is need to create green corridors for the movement of emergency vehicles in case of emergencies and this should also be practiced during the mock exercise. (Action by District Administration)
8. We may conduct training on IRS and ESFs before the actual conduct of mock drill. (Action by DMC and all DDMAAs)
9. During the exercise use of drones was envisaged by DMC but SEOC received no drone footage from any of the sites. This may be made mandatory for all district in future. (Action by all DDMAAs)

10. Sites for prophylactic evacuation should be identified in advance and dialogue with the residents may be established and detailed planning carried out before the actual event.  
(Action by all DDMA's)

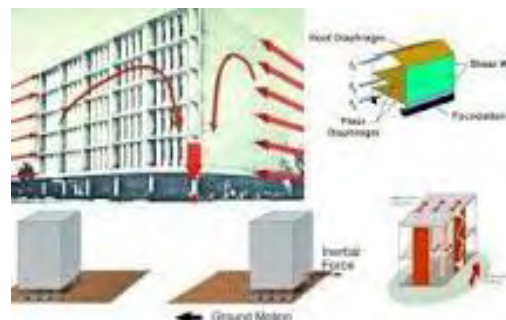


# Coordinating & Orientation Conference

**Briefing on Conduct of  
Mock Exercise on Earthquake (03-06 Jun 2025)**

**State of Himachal Pradesh**

**Major General Sudhir Bahl (Retd)**





## **ASSUME:**

- **ALL HAVE READ IN DETAIL AND ACTED ON ME INSTRUCTIONS ISSUED BY NDMA**
- **REVIEWED ACTION TAKEN ON LAST ME POINTS**

**THIS ORIENTATION CONFERENCE IS TO FURTHER ELABORATE ON AND CLARIFY ASPECTS COVERED IN THE INSTRUCTIONS**

*OCC brings together all stakeholders to provide clarity on preparatory actions and its conduct methodology for the Mock Exercise*

**Sirmaur, Bilaspur among 3 Himachal districts get new DCs as govt transfers 17 IAS, 4 HAS officers**

[April 28, 2025](#)



# AGENDA – COORDINATING CONFERENCE



- ✓ **IRS Recap**
- ✓ **Broad Programme**
- ✓ **Preparatory actions for ME**
- ✓ **TTEEx Conduct modalities**
- ✓ **ME Conduct modalities**
- ✓ **Coordination actions required at State/District level**
- ✓ **Summary of Simulations Expected at Each Site for Mock Exercise on Earthquake**
- ✓ **On termination of conference:-**
  - ❖ State, DCs and Departments will take necessary action (Nodal Officers will brief stakeholders in districts/departments) to ensure smooth conduct of the ME
  - ❖ Media may be given curtain raiser on the impending ME



## IRS RECAP



# DISASTERS - BOTH MANMADE AND NATURAL

Flood  
Lightning  
Cyclone  
GLOF

Accidents  
Road/ Rail/ Air  
Building Collapse

Fire &  
Explosion

Earth Quake  
Tsunami

## DISASTER SPECTRUM

Industrial -  
Chemical

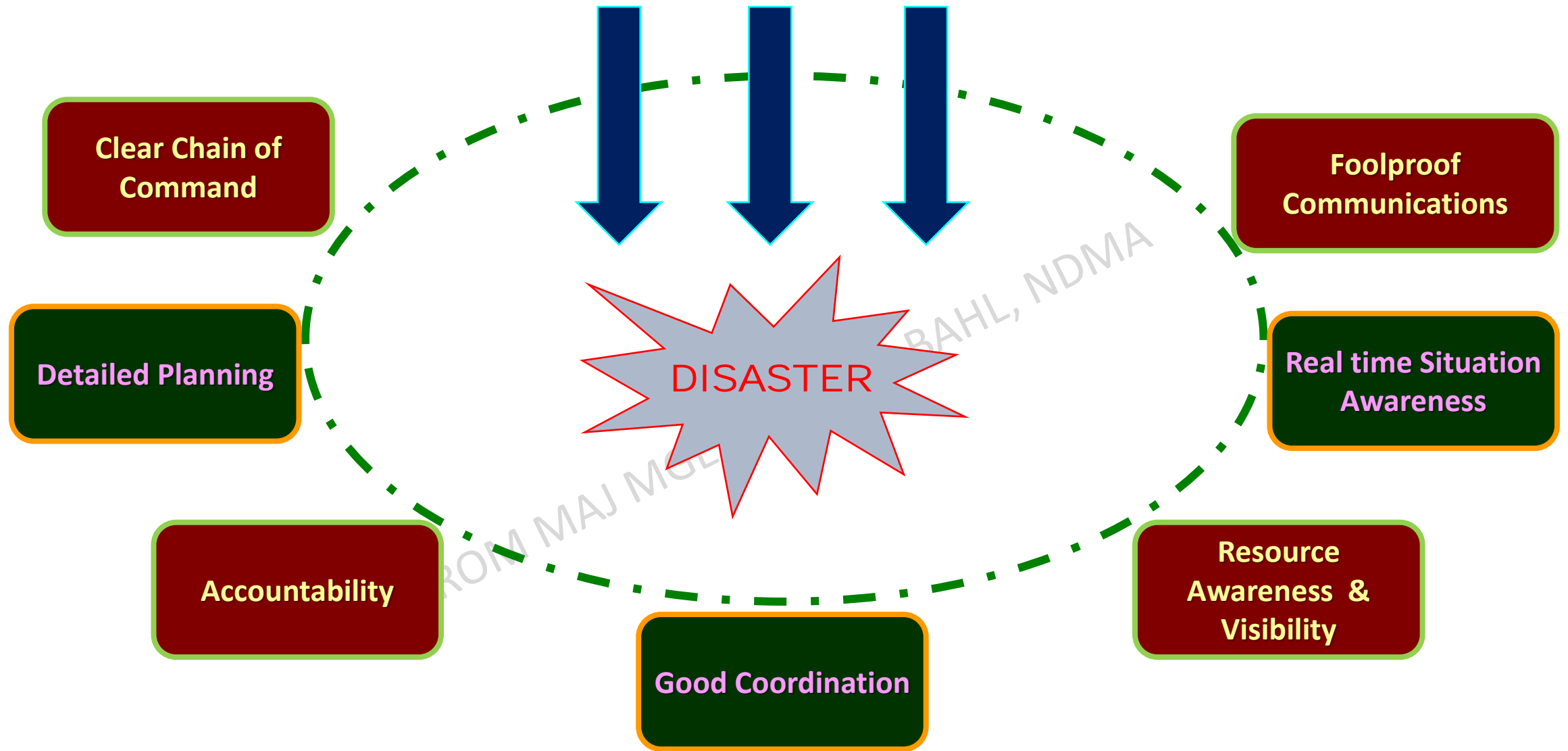
Landslides  
Avalanches

Epidemics

CBRN

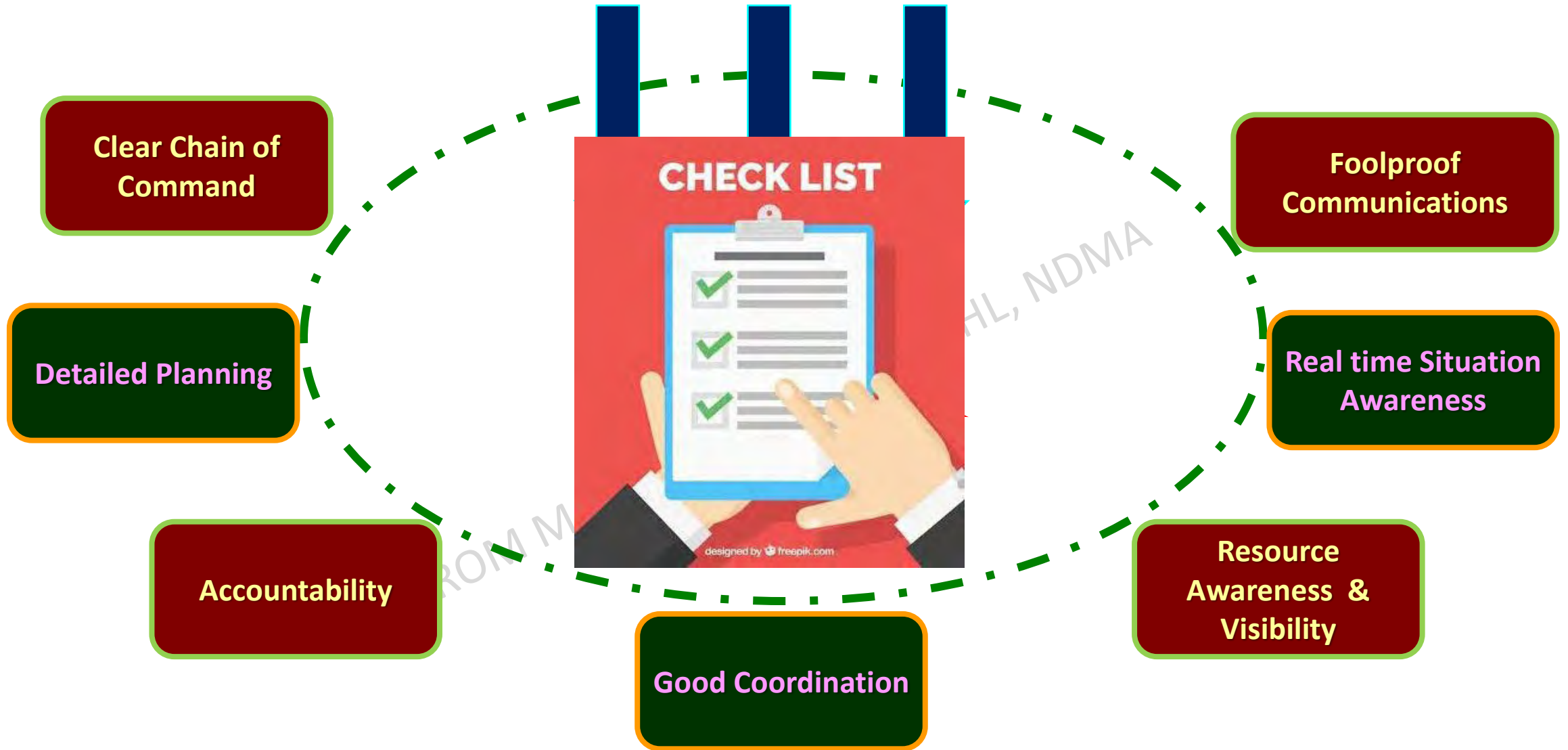


# EFFECTIVE RESPONSE REQUIRES



**IRS ADOPTION COMPLEMENTED BY SUITABLE PROCESSES**

# EFFECTIVE RESPONSE REQUIRES



**IRS ADOPTION COMPLEMENTED BY SUITABLE PROCESSES**

# IRS

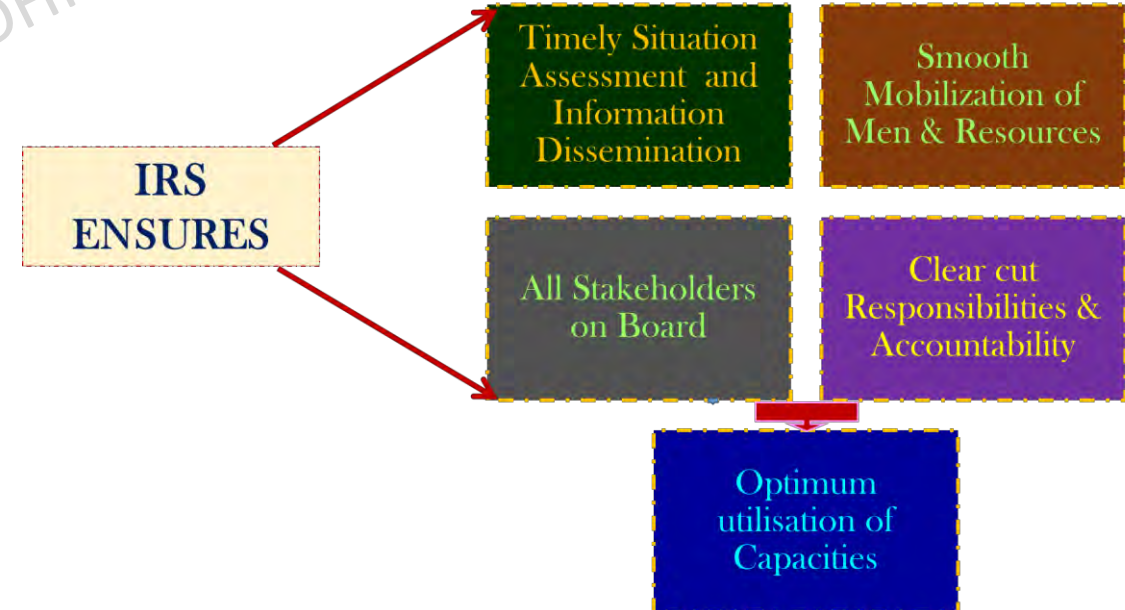


*a combination of  
facilities, equipment & personnel,  
procedures and communications  
operating within a  
common organizational structure  
with responsibility for the  
management of assigned resources  
to effectively accomplish stated  
objectives pertaining to an incident*

## Handbook on Incident Response System



Assam State Disaster Management Authority





IRS FACILITATES .....

“Whole-of-the-Government” Approach

DM PROCESS

Multi-disciplinary

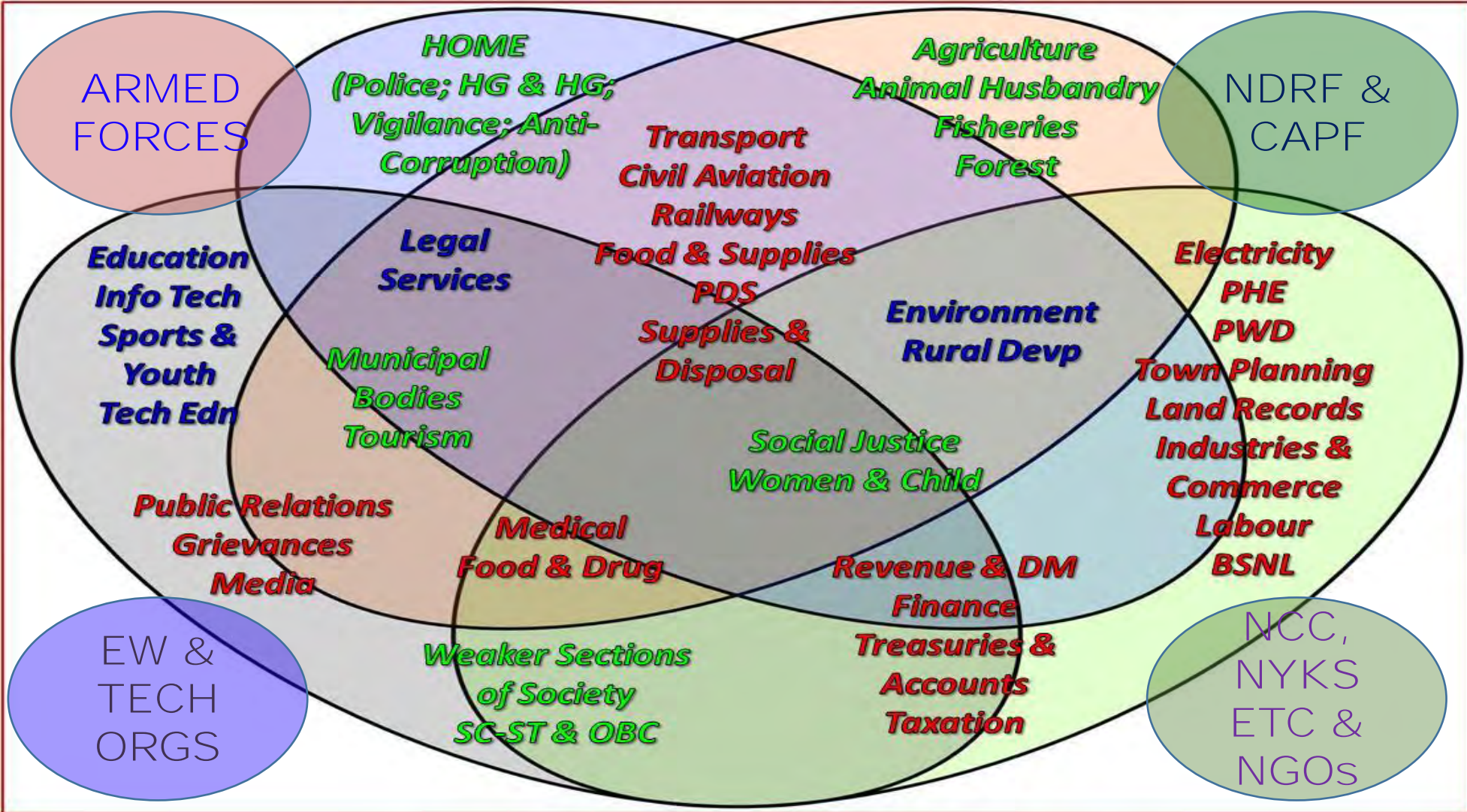
Multi-agency

In no other Government / Administrative function -

except during Disasters & War

are all the State Departments deployed

IRS essential to facilitate smooth integration of Departments and disciplines





# COMMAND AND CONTROL

- Disaster Incident: An event with loss of life & livelihoods beyond the coping capacity of the community requiring emergency actions.
- Responsible Officer: Overall in-charge of emergency management of response at respective administrative levels. Is senior most officer in the hierarchy.
  - State level : Chief Secretary
  - District level : District Magistrate / District Collector
  - Sub-Division/Block : BDO
- Incident Commander: Individual responsible for the management of all operations at the incident site.



# IRS Based DM Framework

***Districts Collectors have prime responsibility for Effective Emergency Response in their jurisdiction as Responsible Officers***

***..... NDMA IRS Guidelines 2010***

**Their major tasks during Emergency Response are:-**

**☐ *Command & Control***

***(through nominated staff with the ICs supervising field response)***

**☐ *Resource Mobilisation***

***(through Nodal Officers of Line Departments and Staging Area Managers)***

**☐ *Coordination among all stakeholders, resource agencies***

***(through State & District EOCs, Rehearsals/MEs & fail proof Communications)***

CUTTING  
EDGE



# Incident Response Team (General Staff)

## Operations Section:

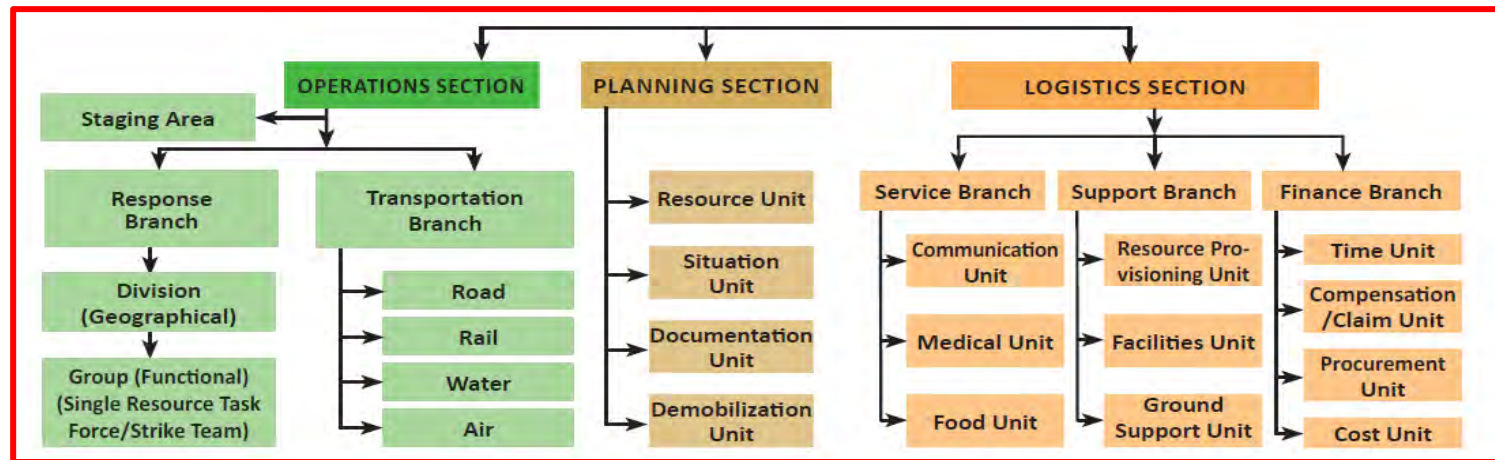
- Conducting, directing & supervising all tactical actions in the field

## Planning Section

- Collection & analysis of incident information
- Maintaining record of and tracking resources
- Prepare Incident Action Plan
- Prepare Demobilisation plan

## Logistics Section

- Providing Services, material, equipment, resources
- Procurement and financial accounting



- ❖ Search & Rescue
- ❖ Fire Fighting
- ❖ Evacuation
- ❖ Law & Order

- ❖ Maintain Situation Board
- ❖ Damage Assessment
- ❖ Plan Response
- ❖ Maintain Help Line
- ❖ Forecast Future Operations

- ❖ Medical Response & Trauma Counseling
- ❖ Food & Shelter
- ❖ Debris and Road Clearance &
- ❖ Sanitation & Water supply
- ❖ Services : Electricity & Communication





HELICOPTERS



REFUELLERS; IMAGING; VIPs



DRONES



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TARMAC MANAGEMENT



TRANSIT MANAGEMENT:



NDRF, ARMED FORCES, RESPONDERS,  
OTHER AGENCIES



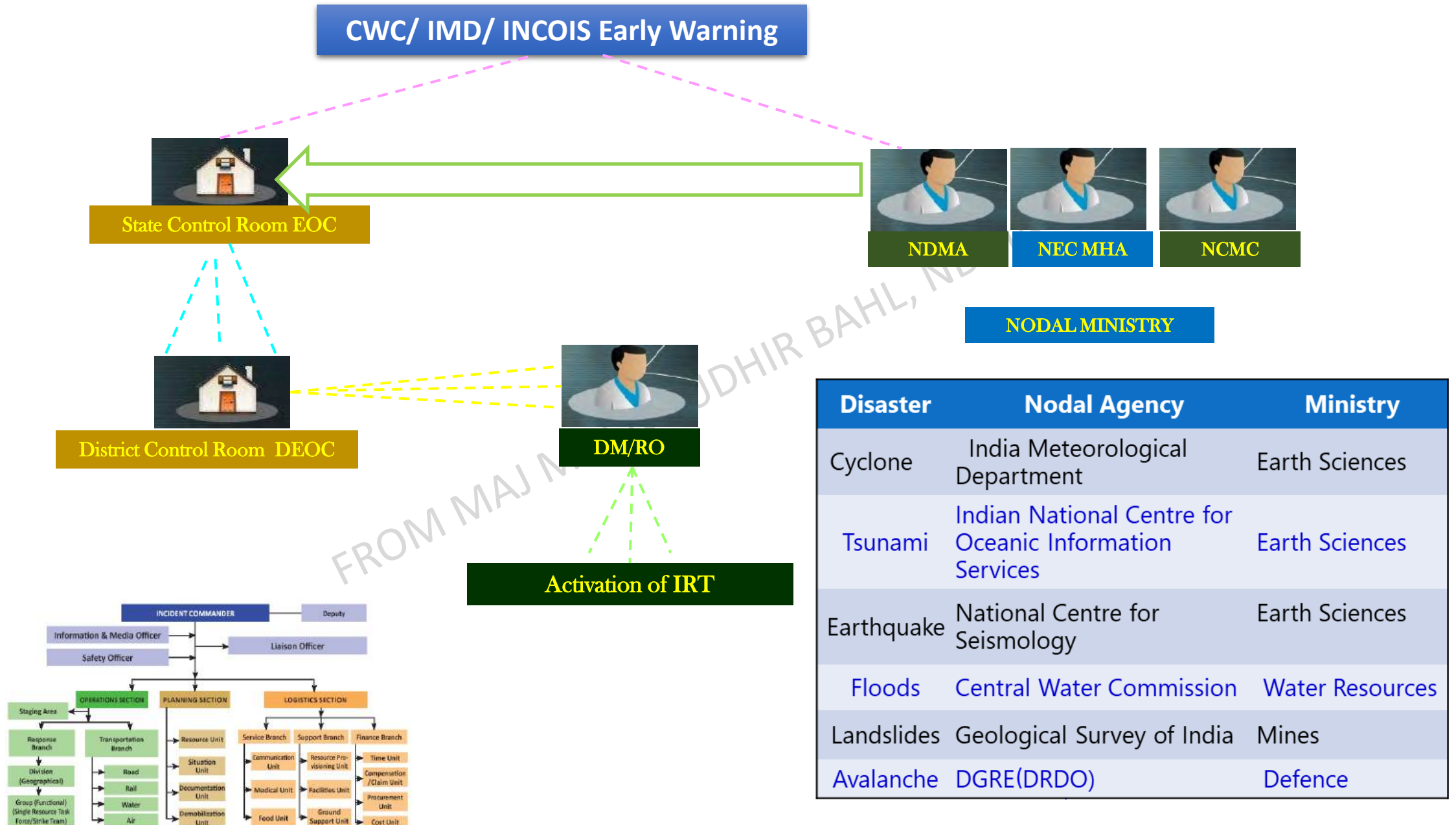
# LOCATION OF IRT ELEMENTS

- ❑ *Responsible officers*
- ❑ *Incident Commanders & ICPs*
- ❑ *The Sections (Operations etc)*
- ❑ *Department Heads & Nodal officers*
- ❑ *NDRF Commandant*

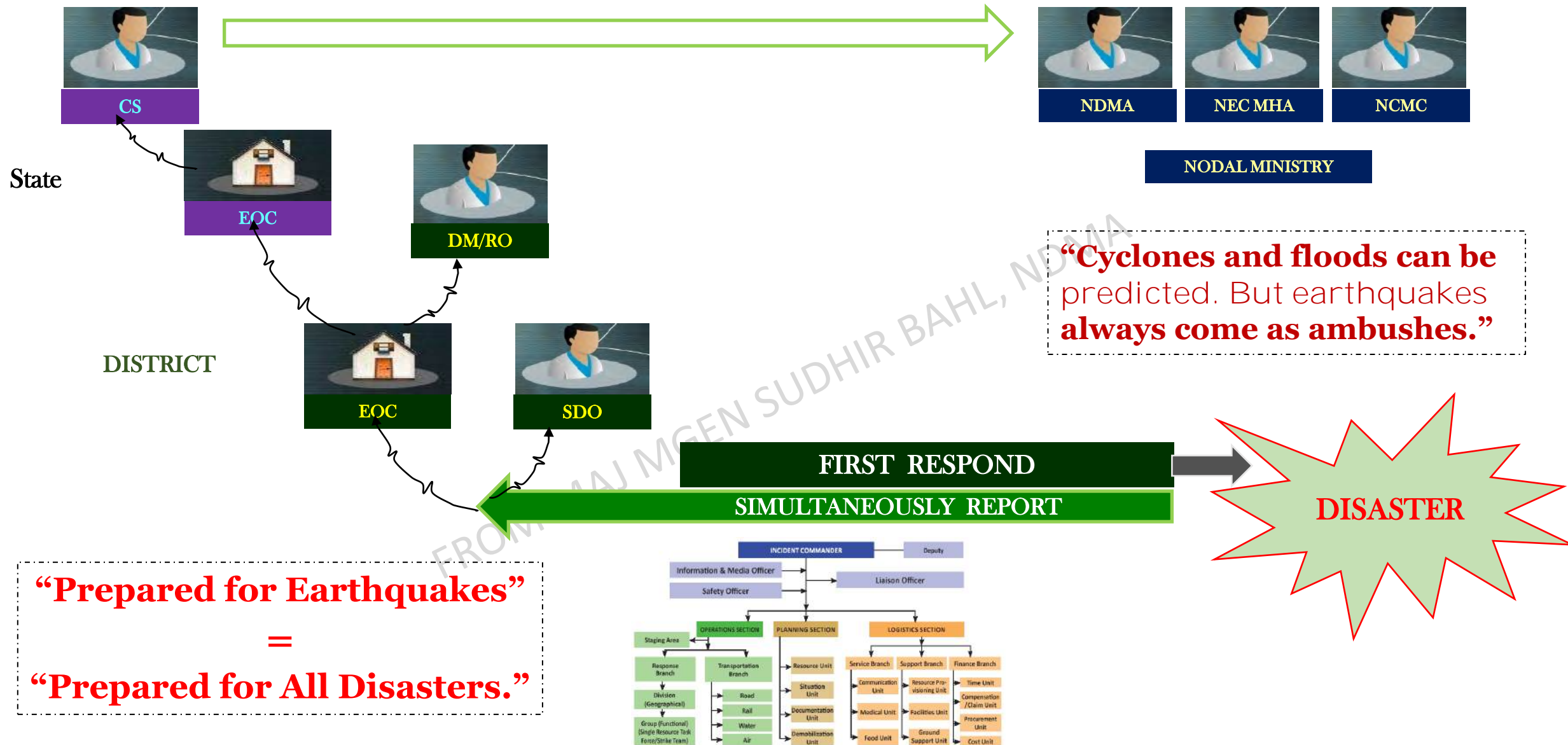




# TRIGGERING MECHANISM - WITH EARLY WARNING



# TRIGGERING MECHANISM - WITHOUT EARLY WARNING



# INCIDENT RESPONSE

NEED TO UPDATE IRS  
ORIENT AND TRAIN

- Presence of all IRS appts
- Clarity on role & duties

Debris Clearance &  
De-mobilisation

EOC and  
IRT Activation

Restoration of  
Services

Initial Response &  
Command Post

**DISASTER**  
(Warning/  
Occurrence)

Coordinated  
Response and Relief

Planning &  
Resource  
Marshalling

Gaining Situational  
Awareness

Setting up of IRS Assets  
(ICPs, Staging Areas,  
Relief Camps etc)





# BROAD PROGRAMME



# MOCK EXERCISE OVERVIEW

## Broad Concept

- **Scenario** : Catastrophic scenario (EQ) that *demand*s mobilisation of all State resources & Central agencies assistance
- **Multi Hazard** - Secondary hazards and impacts built in (Fires/ Infra Damage/Landslides/Industrial /GLOF)
- **Aim** - Bring diverse stakeholders on a single platform to build required synergies and validate preparedness for effective & coordinated response

## Orientation & Co-ordination Conference (27 May)

OCC brings together all stakeholders in Disaster & Emergency Response to *discuss preparatory* actions for the planned Mock Exercise and its *conduct methodology*



**Disaster Response requires cooperation of agencies that seldom interact in daily operations**



**Complex Coordination Problem**

# MOCK EXERCISE OVERVIEW

....contd

## Table Top Exercise (03 Jun)

(without ground deployment & execution)

- Designed to:
  - ❖ Evaluate plans, procedures,
  - ❖ resolve coordination issues
  - ❖ Provide clarity on responsibilities/duties
- *ICs, IRS functionaries & Line Departments* - be prepared to brief/respond to:
  - ❖ DM plans, hazard visualisation & risk
  - ❖ Resource & ESF mobilisation and response to likely emergency scenarios

**Takes 36 to 48 hrs for  
Response to become  
Cohesive & Effective!**

## Mock Exercise (06 Jun)

(with actual mobilisation & deployment)

- ✓ Is an IRS driven scaled down exercise;
- ✓ To demonstrate coordinated response; and
- ✓ Validate the State's Emergency Management capability





# BROAD PROGRAMME

**Prepare &  
Coordinate**  
(27 May - 02 Jun)

- Awareness
- Coordination & Resource mapping/check
- Comm plan, Training & Rehearsals

**Inter Deptt. & Agency  
Coordination**

**TTEEx**  
(03 Jun)

- SDMA Update & DM Ppt
- Civil Def Preparedness
- Response to scenarios (Distt/Dept Ppts)

**Preparation  
for ME**  
(04- 05 Jun)

- Preparation of Simulation sites
- Activation of EOCs, IRTs and IRS facilities (e.g. Relief Camps)
- Communication check

**ME**  
(06 Jun)

- Community response
- Specialist response
- Ground visit
- Debriefing



# PREPARATORY ACTIVITIES



## Plans & Coordination

- Review action on previous ME points; Update DM plans, especially Departmental and hospitals
- Civil Defence Preparedness & Action Plan
- Community Response Plans & Awareness Campaign on Earthquake
- Coordination with Army, IAF, ITBP, BRO, NDRF, SDRF, NGOs, NSS, NYK, HG & CD
- Coordination with bulk LPG/FOL Storages & Petrol/CNG pumps (Company & Association reps present)

## Resources

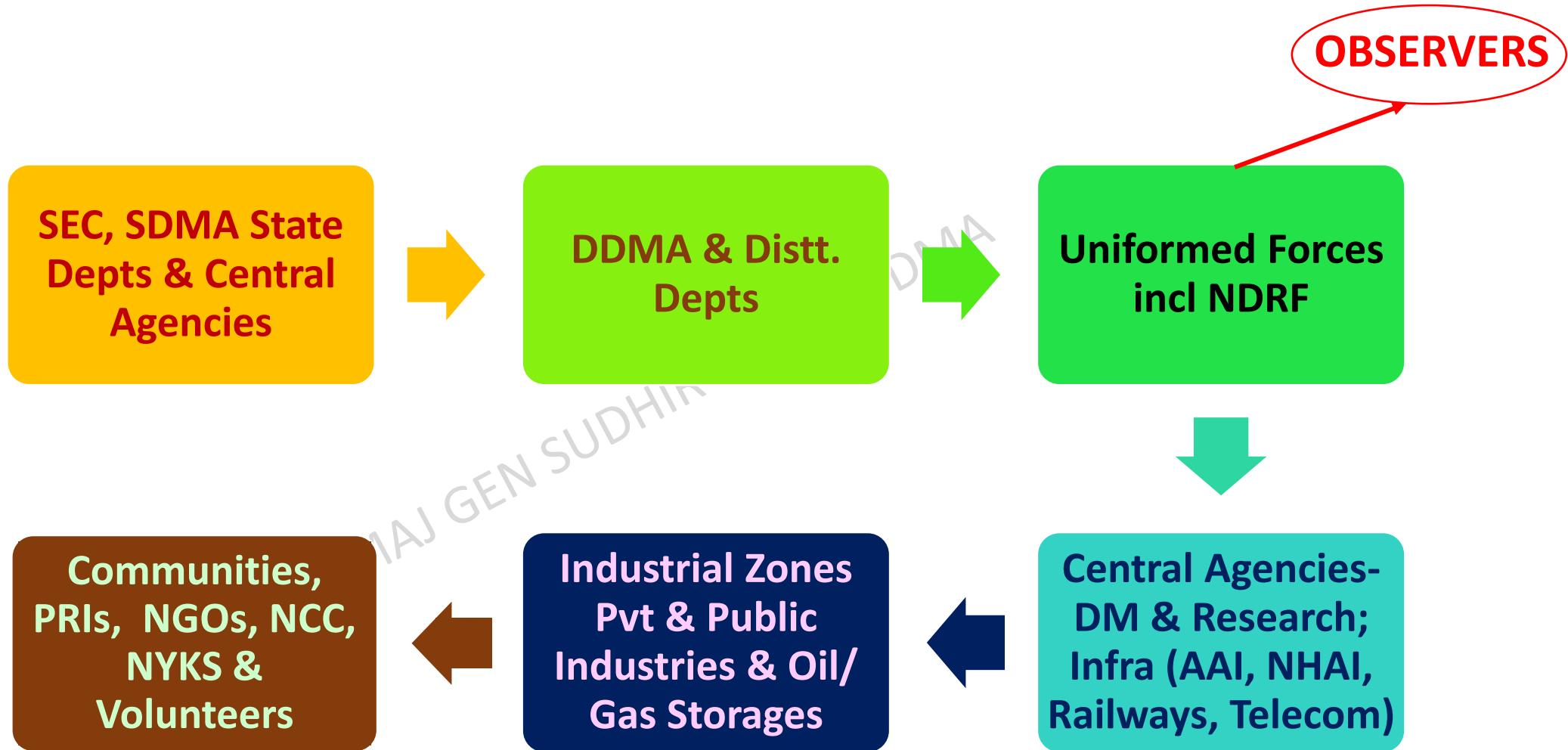
- Confirm updation of IRDN – esp PSU & Private resources
- Update inventories & critical resource check - drones, radios, satellite phones, night ops lighting.
- Resources available with Uniformed Forces mapped; Detailment of Observers

## Functionality

- EOCs - Business continuity, SOPs, Maps, satellite imagery & GIS platforms functionality
- Standalone Polnet based DM communication with communication instructions & agency integration
- Rehearsals & Refreshers - IRTs at each level, IRS functionaries, NCC, Aapda Mitras & volunteers



# PARTICIPATION - ALL STAKEHOLDERS





# TABLE TOP EXERCISE (03 Jun 2025)





# **TABLE TOP EXERCISE : AIM**

**(0945 hrs - 1330 hrs)**

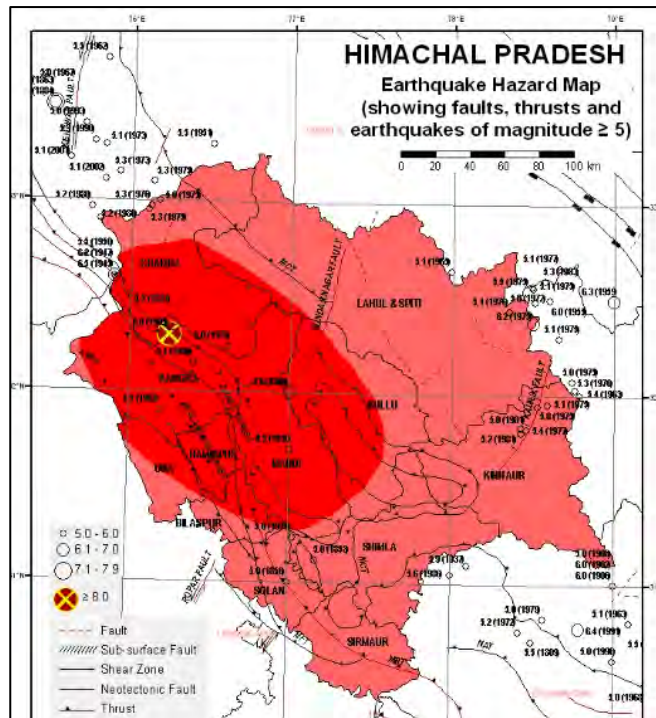
***Set the stage for successful conduct of the ME by:-***

- ✓ ***Exercising and rehearsing key disaster managers in their roles and responsibilities with respect to possible emergency situations through simulated scenarios, particularly those related to the impending ME;***
- ✓ ***Discern gaps prior to the ME, and***
- ✓ ***Evolve viable action plans.***

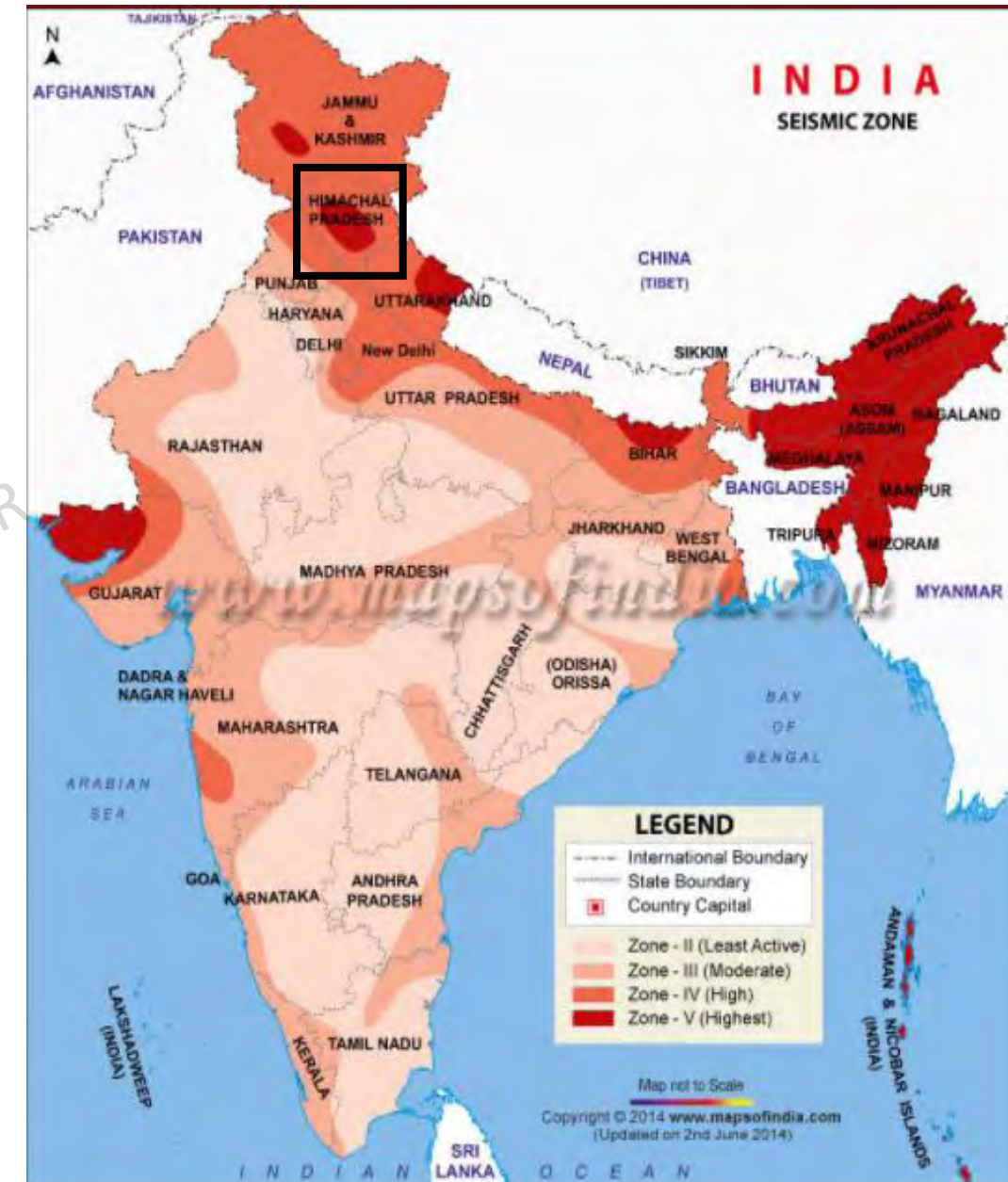
**Primary objective – to facilitate and improve  
(learning oriented)**



# EARTHQUAKE HAZARD



- Himachal Pradesh falls in region of Very High/High seismic risk zone (Zone IV/V)
- Zone V - Kangra, Mandi, Hamirpur & Bilaspur, 50% of Chamba, Kullu, Una & Solan and 25% of Shimla – 40% of State area
- Historically, frequent seismic activity greater than **M5.0** (one event of **M8.0** in 1905)







Existing  
Faults

Peak Ground  
Acceleration  
Analysis

Population  
Density +  
Structural  
Strength

### PRIMARY IMPACT :

- Building/Structure collapse
- Communication network disruption
- Infrastructure damage - Power, Hydropower, Irrigation, Telecom
- Liquefaction

### SECONDARY IMPACT :

- Fires
- Industrial Accidents such as damage to FOL and Gas Bulk storages
- Landslides, Avalanches & GLOF



# TABLE TOP EXERCISE AND ME : SCENARIO

- ✓ A strong earthquake of M8.0 occurs at 0931 hrs on E day near Dharamshala. Entire State, including Shimla, is badly affected
- ✓ Wide spread destruction reported from many areas. Reports pouring in that many government and private buildings severely damaged and many fire outbreaks reported – numerous people rendered homeless
- ✓ Reports of a major fire in a big petrol pump in Shimla and some industrial (chemical) accidents
- ✓ The tremors have triggered major landslides, with danger of Avalanches & GLOF
- ✓ Injured – shifted to hospitals. Medical system overstretched
- ✓ Planned Staging Areas, Relief Camps and other IRS infrastructure be activated earliest
- ✓ SEOC/DEOCs to take charge of situation and establish Incident Command Posts, as per requirement
- ✓ Strong Aftershock of M7.3 at 1137 hrs, 37 Km North of Shimla .... further damage



# TABLE TOP EXERCISE - CONDUCT



## Schedule

- Upto 0940 hrs: Capability Display & briefing by NDRF & SDRF
- 0945 - 1000 hrs: Opening Remarks
- 1000 - 1025 hrs: HPSDMA Ppt (Progress & DM Plan); Ppt - Civil Defence Action Plan
- 1030 - 1330 hrs: TTEx – Response to scenarios, with brief DM Plan ppts (as required)
- 1330 - 1400 hrs: Final coordination for Mock Exercise

FROM MAJ GEN SUDHIR BAHL, NDMA



# TABLE TOP EXERCISE - CONDUCT



## Schedule

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- 1330 - 1400 hrs: Final coordination for Mock Exercise

## Display & Presentations

- Capability display & brief by NDRF & SDRF (**focus**- Comn, Medical, CSR, CBRN, Night ops)
- SDMA, Districts, Depts (**all**), Shimla Community response plan (SMC) and NDRF
- Cover specifics of **Earthquake & secondary impacts**(6-7 slides each) **\*Share ppts- 30 May**
  - Worst case scenario – damage/ casualties etc (**data/ modelling**)
  - Response - All Resources: mapping; Community response, NGOs & specialists
  - Contingencies; Resource Prioritisation and plans to make up shortfall with sources



## URBAN

- Ward/ Ward clusters based
- Part of City DMP (Municipal)
- Collated info: Sub-division

## RURAL

- Village/ Village clusters based
- Part of Village DMP
- Collated info: Sub-division

Aapda  
Mitras

NCC,  
NYKS, NSS

## Command & Control

- Organisation
- Leader
- Passing Orders
- Integration

CD & HG

Framework:  
Community  
Based  
Response  
Supplemented  
by ESF QRTs

Other  
Volunteers

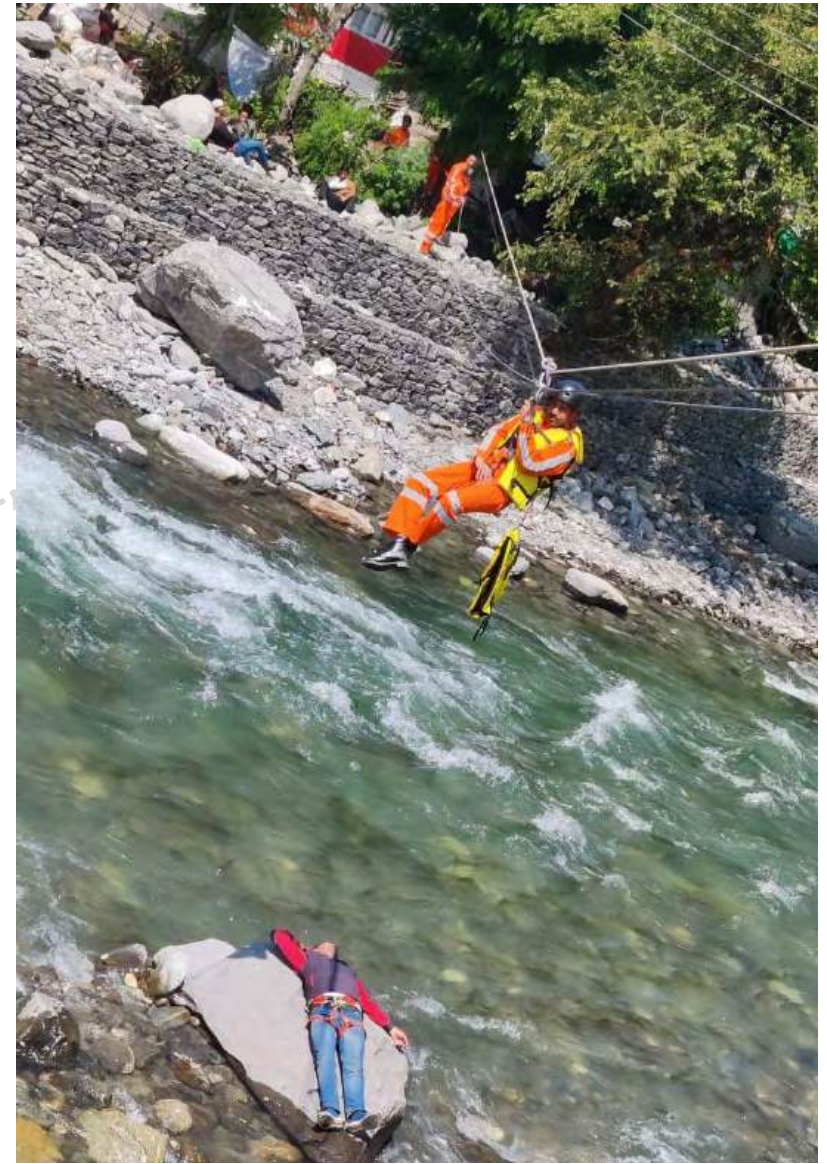
ESF QRTs

## ESF

- Medical (Ambulance)
- F&ES (Fire Engine)
- Earth Movers



# MOCK EXERCISE (ME)





# STATUTORY ADVICE



The State Administration, SDMA, District Administrations and DDMAAs **shall ensure the following:-**

- No student or civilian is used for / involved in any activity that entails potential risk of injury or death. For example, rescue from a high building; passing close to a simulated fire, etc.
- **Unduly risky simulations to be avoided.**
- For all **simulations with risk**, invariably, the **personnel of F&ES / SDRF / NDRF will be deployed.**
- **Adequate numbers of Civil Defence/Home Guards volunteers** be present for role-playing of injured and dead, and in evacuation
- **Students and citizenry participating will NOT be unduly rushed or hurried for action. Minimum inconvenience to citizenry.**





# Preliminary Action – SDMA and DDMA



The SDMA and every DDMA will jointly **select min 09 sites for mock actions, in each District (min 4 locs – distt HQ, selected sub-divisions / blocks)**:-

- **School**
  - **Govt Office**
  - **Residential Area**
  - **Market complex**
  - **Hospital – Damage & DM Plan execution**
  - **Land slide (min one in all districts); Avalanche/GLOF -each district with risk**
  - **Bridge / Dam damage**
  - **Petrol/CNG Pump Fire, Fire in Una IOC facility & Industrial Accidents**
- SAR & relief incl specialised rescue (helo/NDRF)**
- Site name, coordinates & in-charge officer - intimate to NDMA Coordinator latest by 02 Jun 2025**

**# ICP and MAP will be set up in vicinity of SAR site**



# Simulations

1. State/Distt Capital : School; Govt Office; Residential Area; Market complex & Hospital  
(to depict SAR & relief including specialised rescue (helo/NDRF))

2. Sub Divisions & Blocks : Minimum one site at each location out of:

- Landslide
- Avalanche/GLOF (as per risk)
- Major Bridge /Dam damage
- Major Petrol/CNG Pump -Fire
- MAH Unit - Industrial Accident / Bulk Petroleum Storage Accident (Una)

- **Note:** Each district to simulate at least one major landslide and one each of the others at serial 2 above, if existing (sites at ser 2 above can be included in Distt Capital as additional sites, if located there). **Petrol pump fire to be simulated at Shimla & Una**

| District     | Sub- Divs | Places to Activate      |
|--------------|-----------|-------------------------|
| Bilaspur     | 5         | Distt HQ + 3 Sub div HQ |
| Chamba       | 7         | Distt HQ + 4 Sub div HQ |
| Hamirpur     | 5         | Distt HQ + 3 Sub div HQ |
| Kangra       | 14        | Distt HQ + 7 Sub div HQ |
| Kinnaur      | 3         | Distt HQ + 3 Sub div HQ |
| Kullu        | 5         | Distt HQ + 3 Sub div HQ |
| Lahaul Spiti | 3         | Distt HQ + 3 Sub div HQ |
| Mandi        | 12        | Distt HQ + 6 Sub div HQ |
| Shimla       | 11        | Distt HQ + 5 Sub div HQ |
| Sirmaur      | 7         | Distt HQ + 4 block HQ   |
| Solan        | 6         | Distt HQ + 3 Sub div HQ |
| Una          | 5         | Distt HQ + 3 block HQ   |

# Districts with Industrial Areas to Prepare scenario like this for one MAH unit (short ppt by Industry & DDMA)

- Incident due to EQ
- Situation – Danger due to chemical and persons
- On site emergency plan details – Resources in eqpt & pers; Action
- Mutual aid scheme
- Addl trained pers requisitioned
- Spills to off site
- Off site emergency plan
- Photos and maps
- One district to present (nominate)

## Scenario 1: Industrial Disaster in Baddi, District Solan

An industrial disaster strikes in Baddi, District Solan due to inundation caused by heavy precipitation in upper catchment, as a result of an ammonia gas leakage at the Vardhman Auro Textile Ltd. facility. The incident occurs when an ammonia storage tank is breached due to a malfunction, and the sprinkler system fails to activate, exacerbating the situation.

### Initial Information

1. 40 workers are seriously affected by the exposure to the toxic gas.
2. The wind direction is southeast, potentially carrying the gas towards populated areas.
3. It is estimated that approximately 15,000 people could be affected by the gas leakage.
4. The mobile telecommunication infrastructure is disrupted due to monsoon.
5. The water level in the Balad River has risen, causing a Mandabla & Baddi Barrier bridge to collapse in Baddi. The bridge collapse affected connectivity of the industrial area in Baddi with Haryana and Chandigarh.
6. Around 600 migrant labours residing along the Balad River required to evacuate to safer places and require immediate staying arrangements.
7. The local hospital has a capacity of 30 beds which is already full
8. More than 300 people have been severely affected by the linkage of toxic gas and urgently require hospitalization.



## Response to the situation

- Activation of On-Site/Off-site Emergency Plans- what is envisaged?
- Evacuation Plan of District Administration?
- Medical Response?
- Response of the Fire & Emergency Services?
- Mobilization of NDRF & other response Agencies?
- Decontamination of the affected area – plan thereof
- EIA & – Restoration Measure – who and how to be done?

# All Districts to Prepare min one scenario Like this for Landslide

## - Situation & Analysis

- What has happened – landslide on – over a stretch of ---
- Impact – houses; vehicles and individuals
  - people stranded; incl tourists
  - routes blocked

## - Response

- Was there a prep response plan in place
- Overall responsibility & agencies involved
- Resources being deployed and from where
- Medical
- Use of volunteers
- Relief incl temp shelter
- Road restoration & debris clearance
- Alternate routes & traffic cont
- Districts to prep short ppt - Must have maps and site photos
- Will discuss one which is imp; state to nominate

## Scenario w.r.t. Landslide



Chamba

## Situational Analysis

- **Situation Overview**
- **Time and Date:** 20th August around 5 PM during peak monsoon season.
- **Weather Conditions:** Heavy rainfall for the last three days.
- **Incident:** Landslide on the right bank of Ravi River near village Sanh
- **Impact:**
  - Landslide from the uphill slope
  - Road connectivity to village Sanh blocked
  - Temporary lake is formed in the Ravi River and water column is rising very fast. It has already reached almost 2 KM length and likely to breach shortly taking down huge volume of water and trees with it
  - Chamba – Bharmaur road connectivity is also disrupted due to landslide at various location
  - Electricity Power House on the right bank of Ravi river is under great threat
  - Electricity Transmission line damaged
  - Dams of Chamera – III/II/I are already at the danger mark due to heavy rain
  - Ranjit Sagar Dam at Punjab downstream almost to its full capacity
  - Famous Mani Mahesh Yatra is going on and Bara Nauhan is in full swing – More than 50,000 pilgrims are in and around Bharmaur area
  - The adjoining areas of Punjab and J&K are also under threat during the dewatering process of the lake
  - Villages, habitations, bridges, road and other infrastructure downstream near river bank may be threatened

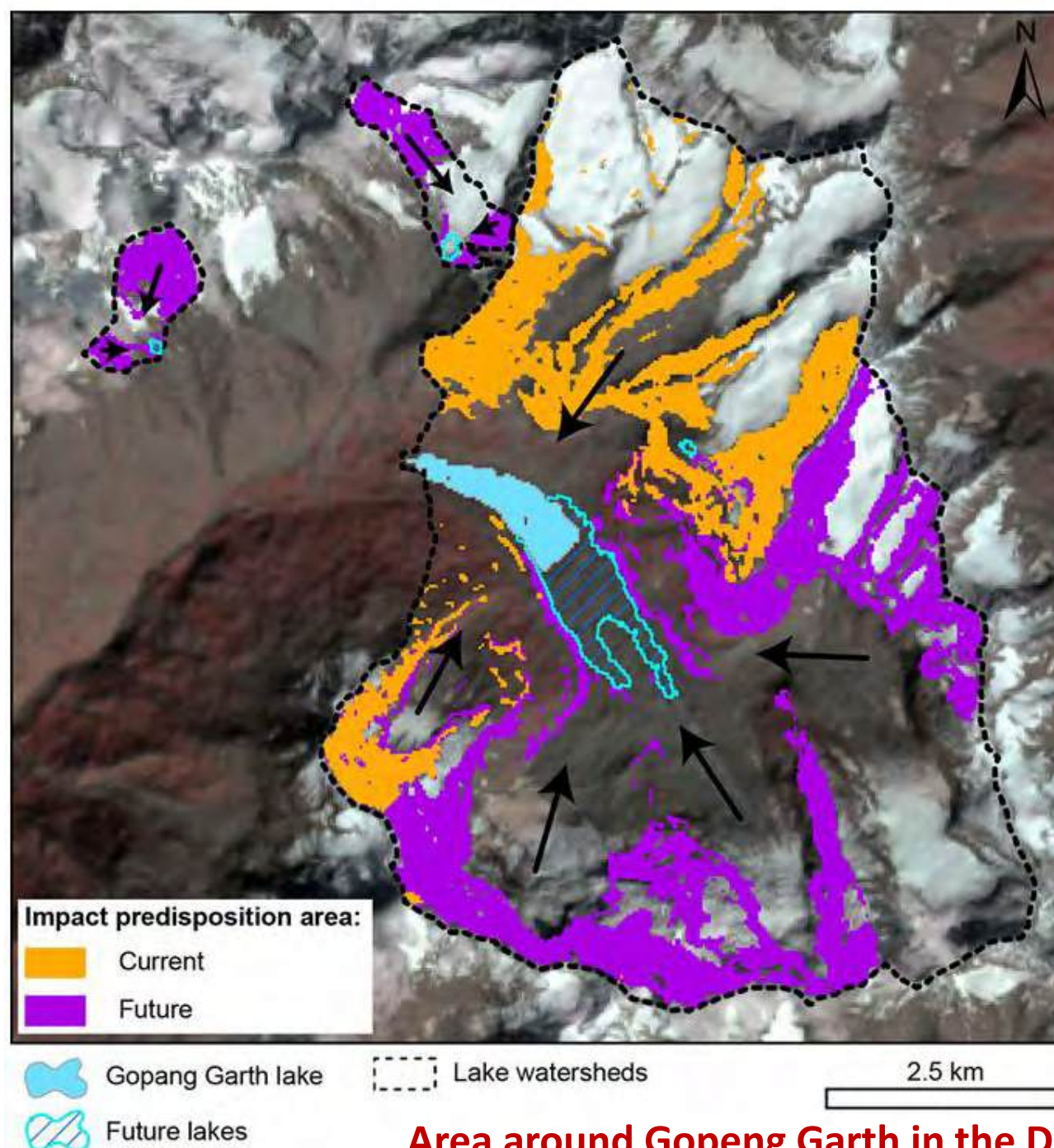
## Immediate Response

- Action Plan of the District Administration to meet out such Eventualities and preparatory actions w.r.t.
  - Early Warning to villages downstream
  - Warning to pilgrim tourists and their evacuation along the major highways.
  - Restoration of Roads and Communication
  - Setting up of relief camps
  - Communication with the Air Force for airlifting of stranded pilgrim tourists and dropping of medical supplies and add essential commodities.
  - Availability of boats
- Action plan to alert and evacuate tourist and the vehicles.
- Action plans of the Hydropower companies
- Response Plan for the low lying areas along the Ravi river.
- Mechanism for interdistrict coordination with the administration of Kangra and alerts to the adjoining areas of Punjab and J&K.
- Plan for the mobilization of resources, responders, evacuation, setting up of relief camps, and safety infrastructure etc.



**Affected Districts to**  
**Prepare min one scenario**

- Hazard & risk mapping
- **Monitoring**
- Early Warning
- Worst case scenario
- **Awareness**
- **Preparedness - response**



**Area around Gopeng Garth in the District of Lahaul and Spiti**



| District | Staging Area<br>( <u>incl alternate</u> ) |                            |                | Incident Command Post       |                            |                | Helibase/helipad     |                          |                | Medical Aid Post (MAP) |                      |                | Camp (for Responders)   |                        |                 |
|----------|---|----------------------------|----------------|-----------------------------|----------------------------|----------------|----------------------|--------------------------|----------------|------------------------|----------------------|----------------|-------------------------|------------------------|-----------------|
|          | Loc                                       | Nodal person               | Coord-inates   | Loc                         | Nodal person               | Coord-inates   | Loc                  | Nodal person             | Coord-inates   | Loc                    | Nodal person         | Coord-inates   | Loc                     | Nodal person           | Coord-inates    |
| Tawang   | DC office, front side ground              | Shri ChoikyanTsering, F&AO | 47*594491*8673 | DC office, back side ground | Shri. Nawang Chodak, DIPRO | 47*594391*8671 | Army Helipad, Tawang | Shri Marke Karlo, DF&CSO | 47*588791*8776 | PWD School, Tawang     | Shri Sang Khandu, VO | 47*595191*8665 | Town Secy school Tawang | Shri Tsering Norbu, TO | 27*594491*86658 |
|          | Alt loc: ----                             |                            |                |                             |                            |                |                      |                          |                |                        |                      |                |                         |                        |                 |



# SEQUENCE OF ACTIONS – MOCK EXERCISE



- ME will be conducted in ALL districts (and selected sub-divisions) simultaneously

## Actions Prior to Start of ME

- Independent observers (detailed earlier from the Army /CAPF/NDRF) are issued Assessment Forms and reach the designated simulation sites.
- Self Assessment Formats are given to all stake holders.

## Actions on Start of ME

- ‘**Business continuity**’ check & response to scenarios by DEOCs and the SEOC.
- Actions are taken *on ground* by concerned stake holders as per IRS:-
  - Incident Command Post is activated in vicinity of simulation sites.
  - Activation of (already established) Staging Areas, Relief Camps for evacuees, Medical Aid Posts, etc.
  - SAR actions and evacuation of casualties to earmarked Hospitals, including Landslides.
- **Community response; followed by Specialist response** (NDRF etc). Dovetailing of NGOs into response
- Live photo updates on WhatsApp group and live streaming of response (AS PER SEQUENCE GIVEN BY HPSDMA)

DEBRIEFING –carried out 1415 hrs onwards physically/on video conferencing



# **Broad Timelines of Day ME : 06 June 25**



- **0930 hrs – 1315 hrs**
  - ME Initial status – IRS activated and facilities created. EOCs functional. Observers are in location
  - At SEOC (0930 hrs)- Earthquake alert given – immediate actions and ‘business continuity’ check
  - 0940 – 1005 hrs : Switch to Wireless comms, build situational awareness & Staging Area
  - 0945 - 1045 hrs : Initial Community response (volunteers/CD/HG) – **LIVE STREAM. NDMA TEAM WILL PHYSICALLY WITNESS at nominated locality/market & Petrol pump**
  - 1045 – 1115 hrs: Situational Update and Review of Situation at SEOCs & DEOC
  - 1115 onwards – Specialist Response by the IRTs / TFs at simulation sites. **Live streaming (as per Schedule by HPSDMA); Controlled from SEOC / DEOC**
  - 1145- 1315 hrs: NDMA team Physical visit (school, Staging Area, hospital, relief Camp)
- **1415- 1530 hrs onwards: Debriefing**





# Aspects to be Evaluated



- ✓ Warning Systems
- ✓ Alert Protocols
- ✓ EOC functioning and communications
- ✓ Ability to build Situation awareness and allocate resources
- ✓ Identification & aggregation of Responders
- ✓ Ability to suitably select sites for IRS facilities & activate them
- ✓ Composition of IRT; Response; Search & Rescue effort; Evacuation / CASEVAC; Integration of all types of Responders
- ✓ Hospitals – cope with casualties, surge capacity, emergency re-build
- ✓ Infra Resilience, quick restoration & DM reserves held by each Dept
- ✓ ESF – form inter-departmental teams / groups / task forces including for response & restoration
- ✓ Ability to receive assistance and aid through road and air.



## SIMULATION ACTIONS





# Summary of Broad Action Expected – Each Site

(Every District – min 09 Sites With Simulated Damage)

| <u>S.No</u> | <u>Place</u>  | <u>Response</u>  |
|-------------|---|--|
| 1.          | School  | <ul style="list-style-type: none"><li>• ‘Duck-Cover-Hold’</li><li>• Damage Assessment &amp; Reporting</li><li>• Mobilisation of response – Evacuation, SAR, CASEVAC</li><li>• Fire-fighting / damage control (as applicable)</li><li>• Restoration activities</li></ul>  |
| 2.          | Govt Office   |  |
| 3.          | Residential Area/Market   |  |
| 4.          | Hospital  | <ul style="list-style-type: none"><li>• Duck-Cover-Hold’</li><li>• Activate DM plan - build Surge capacity &amp; re-organisation</li><li>• Damage Assessment &amp; Reporting</li><li>• Mobilisation of response – relocation of patients, SAR</li><li>• Quick restoration – medical facility, electricity, water</li></ul>   |
| 5.          | Landslides/GLOF/<br>Bridge/ Dam/Petrol<br>Pump/ HAZCHEM<br>Response | <ul style="list-style-type: none"><li>• Early Warning (GLOF)</li><li>• Damage Assessment &amp; Reporting</li><li>• Mobilisation of response – Evacuation, Fire fighting (as reqd) SAR, CASEVAC</li><li>• Seeking &amp; deployment of additional resources</li><li>• Road functionality restoration – in case of landslide &amp; bridge</li><li>• Relief measures</li></ul> |



# ME Simulations – On Notification



| <u>Event</u>   | <u>Simulation</u>  |
|--|--|
| <b>Districts: Simulation of Earthquake</b>                 | <ul style="list-style-type: none"><li>• On intimation by Observers / EOC– sound Siren, other Public Address Warning Systems</li><li>• Followed by ‘Duck-Cover-Hold’</li></ul>  |
| <b>SEOC and DEOCs: Actions</b>                             | <ul style="list-style-type: none"><li>• Normal functioning prior to Event Notification</li><li>• On Event Occurrence, switch to Wireless incl SATCOM, VHF/HF</li><li>• State &amp; Districts receive / percolate event information</li><li>• Mobilization and monitoring action by Community responders &amp; ESF QRTs</li><li>• Activation message to Responders, Requisition etc</li><li>• Seek information from all concerned; includes requisitioning of helicopters and use of UAVs</li><li>• Commence digital plotting of damage and responder situation</li><li>• Prepare for briefings</li><li>• Augmentation of SEOC and DEOCs</li><li>• Conduct briefing</li></ul> |
| <b>DEOCs and District Admin: Critical Access Clearance</b> | <ul style="list-style-type: none"><li>• To be done on One (01) road per District</li><li>• On DEOC orders, move one JCB / wheeled dozer / heavy vehicle on a road leading to a Critical Facility (hospital / secretariat / DEOC)</li></ul>   |
| <b>DEOCs and District Admin: Response</b>                  | <ul style="list-style-type: none"><li>• Mobilize Responders, incl community, CD/HG, NGOs &amp; integrate them</li><li>• Monitored by observers, <b>live streaming</b>, Photos/ videos on Whatsapp</li></ul>  |





# Summary - ME Simulations - School



| <u>Event</u>  | <u>Simulation</u>  | <u>By</u>   |
|---|--|---|
| <b>1. School Building – one wing completely damaged</b> | <ul style="list-style-type: none"><li>SAR of trapped students, staff</li></ul>   | <ul style="list-style-type: none"><li>F&amp;ES, SDRF, NDRF, BRO, CAPF</li></ul>   |
|   | <ul style="list-style-type: none"><li>Evacuation – 15 people from building</li></ul>   | <ul style="list-style-type: none"><li>07 - F&amp;ES &amp; SDRF; 08 – NDRF/ CAPF</li></ul>   |
|   | <ul style="list-style-type: none"><li>First Aid of 10 casualties at MAP</li></ul>  | <ul style="list-style-type: none"><li>MAP of District, or of CAPF/ITBP</li></ul>  |
|   | <ul style="list-style-type: none"><li>TRIAGE of 10 wounded</li></ul>   | <ul style="list-style-type: none"><li>Medical Staff of District or of CAPF</li></ul>  |
|   | <ul style="list-style-type: none"><li>CASEVAC of 04 patients in 02 ambulances to hospital</li></ul>  | <ul style="list-style-type: none"><li>Ambulances of District</li></ul>  |
|   | <ul style="list-style-type: none"><li>Evacuation of 02 dead bodies in a hearse / vehicle</li></ul>   | <ul style="list-style-type: none"><li>By District auth</li></ul>  |
|   | <ul style="list-style-type: none"><li>Receipt of 04 wounded at hospital</li></ul>  | <ul style="list-style-type: none"><li>District Hospital</li></ul>   |
|   | <ul style="list-style-type: none"><li>Dead Body Management (02 bodies)</li></ul>   | <ul style="list-style-type: none"><li>Police, MC, Community</li></ul>   |
|   | <ul style="list-style-type: none"><li>Restoration at School (debris removal; electricity; water)</li></ul>   | <ul style="list-style-type: none"><li>Suitably grouped Task Forces</li></ul>  |
| <b>2. Fire in the School Building</b>                   | <ul style="list-style-type: none"><li>A fire will be lit in an isolated portion of the school ground</li><li>Simulation – 01 x Fire Engine; 01 PCR Van; 01 Ambulance</li></ul> | <ul style="list-style-type: none"><li>District F&amp;ES - firefighting</li><li>District police – crowd control/safety</li><li>Ambulance ex District - CASEVAC</li></ul> |
| <b>Responders:</b>                                      | Community; Civil Defence (CD), F&ES; HG; SDRF, NDRF, CAPF, ITBP, Armed Forces, PRIs, NSS, NYK, ULBs, NGOs, etc   |   |



# Summary - ME Simulations – Govt Building



| <u>Event</u>  | <u>Simulation</u>  | <u>By</u>   |
|---|--|---|
| <b>1. Govt Building – one wing completely damaged</b> | <ul style="list-style-type: none"><li>SAR of trapped officials, public</li></ul>   | <ul style="list-style-type: none"><li>F&amp;ES, SDRF, NDRF, CAPF</li></ul>  |
|   | <ul style="list-style-type: none"><li>Evacuation – 12 people from building</li></ul>   | <ul style="list-style-type: none"><li>06 - F&amp;ES &amp; SDRF; 06 - NDRF</li></ul>   |
|   | <ul style="list-style-type: none"><li>First Aid of 10 casualties at MAP</li></ul>  | <ul style="list-style-type: none"><li>MAP of District or ITBP</li></ul>   |
|   | <ul style="list-style-type: none"><li>TRIAGE of wounded</li></ul>  | <ul style="list-style-type: none"><li>Medical Staff of District or ITBP</li></ul>   |
|   | <ul style="list-style-type: none"><li>CASEVAC of 04 patients in 02 ambulances to hospital</li></ul>  | <ul style="list-style-type: none"><li>Ambulances of District</li></ul>  |
|   | <ul style="list-style-type: none"><li>Evacuation of 02 dead bodies in a hearse / vehicle</li></ul>   | <ul style="list-style-type: none"><li>By District</li></ul>   |
|   | <ul style="list-style-type: none"><li>Receipt of wounded at the hospital</li></ul>   | <ul style="list-style-type: none"><li>District Hospital</li></ul>   |
|   | <ul style="list-style-type: none"><li>Dead Body Management</li></ul>   | <ul style="list-style-type: none"><li>Police, MC, Community</li></ul>   |
|   | <ul style="list-style-type: none"><li>Restoration (debris removal; electricity; water)</li></ul>   | <ul style="list-style-type: none"><li>Suitably grouped Task Forces</li></ul>  |
| <b>2. Fire in the Govt Building</b>                   | <ul style="list-style-type: none"><li>A fire will be lit in an isolated portion of a ground near the Govt building</li><li>Simulation – 01 x Fire Engine; 01 PCR Van; 01 Ambulance</li></ul> | <ul style="list-style-type: none"><li>District F&amp;ES - firefighting</li><li>District police – crowd control/safety</li><li>Ambulance ex District - CASEVAC</li></ul> |
| <b>Responders:</b>                                    | Community; Civil Defence (CD), F&ES; HG; SDRF, NDRF, CAPF, PRIs, NSS, NYK, ULBs, NGOs, etc   |   |



# Summary - ME Simulations – Hospital



| <u>Event</u>   | <u>Simulation</u>   | <u>By</u>                                       |
|--|---|---|
| <b>1. Hospital – one wing completely damaged</b>                       | • SAR of trapped patients, staff  | F&ES, SDRF, NDRF, CAPF                          |
|  | • Evacuation – 08 people from building  | 06 - F&ES & SDRF; 02 – NDRF/ CAPF               |
|  | • First Aid – 06 casualties at MAP  | MAP / Hospital of District or CAPF              |
|  | • TRIAGE of wounded   | Medical Staff of District /CAPF                 |
|  | • Re-location / CASEVAC of 04 patients in 02 ambulances to another hospital   | Ambulances of District                          |
|  | • Receipt of wounded at another hospital  | Nominated Hospital                              |
|  | • Action by Task Force for restoration (debris removal; electricity; water)   | Suitably grouped Task Forces                    |
| <b>2. Fire in damaged portion of the Hospital</b>                      | • <b>Simulation: Fire-fighting by one Fire Engine; Control – one PCR Van; CASEVAC – one Ambulance</b>   | <b>F&amp;ES; SDRF; Police; Medical Services</b> |
| <b>3. DM Plan Activation (may assume above Hospital is functional)</b> | • ‘Surge Capacity’ - for receiving casualties<br>• Simulation – placing of Ten (10) extra beds and associated med facilities; mobilisation of extra staff (doctors, nurses, para-medics, etc) | Incident Commander / District authorities       |
| <b>Responders</b>  | <b>Community; Civil Defence (CD), F&amp;ES; HG; SDRF, NDRF, CAPF, PRIs, NSS, NYK, ULBs, NGOs, etc</b>   |   |



# Summary - ME Simulations – Residential Area



| <u>Event</u>   | <u>Simulation</u>   | <u>By</u>   |
|--|---|---|
| <b>1. High Rise Residential/ block of Buildings –damaged</b> | <ul style="list-style-type: none"><li>Preliminary actions by Community</li></ul>                          | <ul style="list-style-type: none"><li>CV, CD</li></ul>                              |
|  | <ul style="list-style-type: none"><li>SAR of trapped citizens</li></ul>                                   | <ul style="list-style-type: none"><li>F&amp;ES, SDRF, NDRF, CAPF</li></ul>          |
|  | <ul style="list-style-type: none"><li>Evacuation – 12 people from building</li></ul>                      | <ul style="list-style-type: none"><li>08 - F&amp;ES &amp; SDRF; 04 – NDRF</li></ul> |
|  | <ul style="list-style-type: none"><li>First Aid of 10 casualties at MAP</li></ul>                         | <ul style="list-style-type: none"><li>MAP of District</li></ul>                     |
|  | <ul style="list-style-type: none"><li>Involvement / integration of Community in response effort</li></ul> | <ul style="list-style-type: none"><li>Responding TF</li></ul>                       |
|  | <ul style="list-style-type: none"><li>TRIAGE of wounded</li></ul>   | <ul style="list-style-type: none"><li>Medical Staff of District</li></ul>           |
|  | <ul style="list-style-type: none"><li>CASEVAC of 04 patients in 02 ambulances to hospital</li></ul>       | <ul style="list-style-type: none"><li>Ambulances of District</li></ul>              |
|  | <ul style="list-style-type: none"><li>Evacuation of 02 dead bodies in a hearse / vehicle</li></ul>        | <ul style="list-style-type: none"><li>By District</li></ul>                         |
|  | <ul style="list-style-type: none"><li>Receipt of wounded at the hospital</li></ul>                        | <ul style="list-style-type: none"><li>District Hospital</li></ul>                   |
|  | <ul style="list-style-type: none"><li>Dead Body Management</li></ul>                                      | <ul style="list-style-type: none"><li>Police, MC, Community</li></ul>               |
|  | <ul style="list-style-type: none"><li>Restoration (debris removal; electricity; water)</li></ul>          | <ul style="list-style-type: none"><li>Suitably grouped Task Forces</li></ul>        |
| <b>Responders:</b>   | Community; Civil Defence (CD), F&ES; HG; SDRF, NDRF, CAPF, PRIs, NSS, NYK, ULBs, NGOs, etc                |   |





# Summary - ME Simulations – GLOF/Bridge/Landslide/ Dam/ Industry



| <u>Event</u>   | <u>Simulation</u>   | <u>By</u>   |
|--|---|---|
| <b>1. Industry/ Dam/ Landslide/Bridge</b><br><br><b>(Industry – activation of on site &amp; off site DM Plans)</b> | <ul style="list-style-type: none"> <li>SAR of trapped workers / citizens</li> </ul>   | <ul style="list-style-type: none"> <li>Industry / Dam / District authorities</li> <li>F&amp;ES, SDRF, NDRF, CAPF</li> </ul>                           |
|  | <ul style="list-style-type: none"> <li>Evacuation – 30 /100 workers / people from Industry/Dam/Landslide/Bridge site</li> </ul> | <ul style="list-style-type: none"> <li>15 – by Industry / Dam authorities; 15 by F&amp;ES, SDRF, NDRF, CAPF (Stranded people– Relief Camp)</li> </ul> |
|  | <ul style="list-style-type: none"> <li>First Aid of 10 casualties at MAP</li> </ul>   | <ul style="list-style-type: none"> <li>MAP of Industry/ Dam / District / CAPF</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>TRIAGE of wounded</li> </ul>   | <ul style="list-style-type: none"> <li>Med Staff - Industry/ Dam/ District/ CAPF</li> </ul>   |
|  | <ul style="list-style-type: none"> <li>CASEVAC of 04 patients in 02 ambulances to hospital</li> </ul>                           | <ul style="list-style-type: none"> <li>Ambulances of - Industry/ Dam/ District/ CAPF</li> </ul>   |
|  | <ul style="list-style-type: none"> <li>Evacuation of 02 dead bodies in a hearse / vehicle</li> </ul>                            | <ul style="list-style-type: none"> <li>By District</li> </ul>   |
|  | <ul style="list-style-type: none"> <li>Receipt of wounded at the hospital</li> </ul>  | <ul style="list-style-type: none"> <li>Industry / Dam / District Hospital</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>Inspection of facility &amp; report to DEOC / Incident Commander</li> </ul>              | <ul style="list-style-type: none"> <li>Industry / Dam / District authorities</li> </ul>   |
|  | <ul style="list-style-type: none"> <li>HAZCHEM / Temporary arrangements (bridge/landslide)</li> </ul>                           | <ul style="list-style-type: none"> <li>HAZCHEM – NDRF's CBRN Team; Landslide/ Dam– suitable Team including Divers</li> </ul>                          |
| <b>2. Fire in Industry</b>   | <ul style="list-style-type: none"> <li>Simulation – 01 x Fire Engine; 01 Ambulance</li> </ul>                                   | <ul style="list-style-type: none"> <li>District F&amp;ES - firefighting</li> <li>Ambulance - CASEVAC</li> </ul>                                       |
| <b>3. Damage -Dam/ GLOF/ Landslide</b>   | <ul style="list-style-type: none"> <li>Suitable Repair / Restoration (debris removal; road; electricity; water)</li> </ul>      | <ul style="list-style-type: none"> <li>Suitably grouped Task Forces</li> </ul>  |



# Summary - ME Simulations

## District IRT

| Event             | Simulation  |
|-------------------|---|
| IRTs              | <ul style="list-style-type: none"><li>• Appropriate Structure and Activation</li><li>• Initial response: RO, IO, Command and General Staff</li></ul>  |
| IRS Facilities    | One per District IRT: <ul style="list-style-type: none"><li>• Staging Area</li><li>• Incident Command Post (ICP)</li><li>• Helibase / Helipad</li><li>• Relief Camp</li><li>• Camp for responders</li></ul> |
| Staging Area (SA) | Marshaling of resources to the SA and later, from SA to critical sites in the District under Task Force Commanders  |



# Summary - ME Simulations

## District IRT ...contd

| Event  | Simulation   |
|--|--|
| Relief Camp<br>(may include Shelters, Community Halls etc) | <ul style="list-style-type: none"><li>• One per District</li><li>• Be able to accommodate minimum 50 persons per camp</li><li>• Cater for gender-sensitivity; elderly, women, children, differently-abled)</li></ul> |
| Camp (for responders)                                      | 01 per District (for about 20 Responders)  |
| Heli-base & Helipad  | One per District   |
| Restoration Activity                                       | One Team per District – for restoration of <u>either</u> water / electricity / sanitation / telecom / infrastructure   |
| Water supply arrangement                                   | At Camp, Relief Camp, ICP, MAPs / PHCs and hospitals   |
| Medical Aid  | Hospitals – “surge capacity” to accommodate victims<br>02 Ambulances per site<br>One MAPs/PHC at Relief Camps, critical areas and per site   |
| Food   | One meal packet / “injured” volunteer and evacuated people in Relief Camps - to be arranged at District level  |
| Media  | Inform public its an exercise; publicity; awareness  |



# Summary - ME Simulations



| Event                              | Simulation   |
|------------------------------------|--|
| Equipment                          | Equipment (e.g. fire-engines, buses, trucks, dozers, cranes, excavators, back-hoes (JCB), dumpers, road rollers, ambulances, heavy machinery, etc) to be identified and moved to SA and later, from SA to critical sites in the District   |
| Medical                            | One MAP per site (with staff and equipment)  |
| Transport                          | <ul style="list-style-type: none"><li>• 4 – 5 Buses for evacuation of people to relief camps</li><li>• One <b>helicopter</b> (civil/Army/ AF) – for evacuation of selected casualties and movement of VIPs (maybe notional if not available – but include in planning)</li></ul> |
| Electricity                        | <ul style="list-style-type: none"><li>• One generator each at EOC, Relief Camp , hospital</li><li>• Portable generators for SAR teams, water supply</li></ul>  |
| Sanitation                         | <ul style="list-style-type: none"><li>• 1 Porta / Chemical toilet and 1 bathroom – at every Camp, Relief Camps, ICP, Staging Area</li><li>• Arrangements for refreshing the toilets</li><li>• Disinfectants at critical sites</li></ul>  |
| Recovery Phase<br>Debris Clearance | - Liaison with Municipal auth, community and landfill sites  |





# REQUIREMENT OF OBSERVERS



TO BE DETAILED FROM ELEMENTS DEPLOYED IN THE DISTRICT OF:-

1. Army;
2. NDRF;
3. BRO/ ITBP
4. SEOC – Chief Observer (Comdt, NDRF)
5. District observers:-
  - a) Senior Observer – at EOC (to also visit Hospital, Staging Area & Relief Camp).
  - b) At each simulation site – 01 for each site

**NOTE.** In case not available from central organisations, detail officer from State Police/F&ES.

## OBSERVER FORM

| Sr No. | Aspect  | Observation/Comment  |
|--------|---|--|
| 1.     | Simulation Site name/ EOC Name /IRS Facility  | E.g. Staging Area/ Relief Camp/ ----- Hospital   |
| 2.     | Officer in-charge/Team Leader   | (Name) & Designation, Organisation   |
| 3.     | Deputy in charge  | (Name) & Designation   |
| 4.     | Observer  | (Name) & Organization (Name)   |
| 5.     | What was the first reaction of Stakeholder/ Organisation on receipt of information? |  |
| 6.     | Their initial & subsequent assessment of the situations?                            |  |
| 7.     | Duties undertaken by the Team Leader  | (Give details of duties)   |
| 8.     | Resources Available and utilised for the specific tasks                             | Incl assessment of shortfall & plans for making up. Whether prioritisation done in application. Integration of volunteers/NGOs. Optimum use of NDRF, BRO etc |
| 9.     | Was the organization able to carry out its assigned task?                           | 100 % Success / 75 % Success / 50 % Success / 25 % Success100 % Success / 75 % Success / 50 % Success / 25 % Success   |
| 10.    | Observers Comments  | (personal opinion, good practices and weakness / shortcomings noticed)   |



# Format For Self Assessment



1. Name of the Organization/ Department
2. Type of Support Function. (Eg. Medical, Relief, Search & Rescue, Repair, Restoration, etc)
3. Name of Stake Holder
4. Designation in the Exercise and in parent organization.
5. Time, Source and Contents of First Message about Incident received and communication mode.
6. Actions taken by the Stake Holder in response to critical situations, in gist.
7. Further action taken by the recipients / stakeholders.



# Format For Self Assessment



8. When did the Stakeholder arrive at EOC/ ICP
9. Manpower and Resources available and whether sufficient
10. Equipment /Material Carried.
11. Vehicle brought (types):-
  - (a) For use by EOC / Rescue & Relief Work.
  - (b) Self Use.
12. Difficulties faced.
13. Support Agencies available.
14. What was your contribution in the Mock Drill?
15. Learning from Mock Drill.
16. Suggestions for improvement.
17. Any other information, you would like to convey.





# Coord, Sign Posting & Media



- Coord with Army, ITBP, Air Force (heptr sortie), NDRF, CAPF & BRO– complete by 30 May 2025. Coordinate communications & deployment of columns
- List of Observers to be ready by 02 Jun 2025
- Army – must participate in ‘skeleton’
- Coord with Railways, AAI and TSPs— ensure presence
- Coord with NGOs – specifics of employment. Share data (district and State level). Ensure presence
- All IRS facilities, EOCs, Desks etc to have appropriate signs
- Appointments to wear arm bands/jackets
- Media coverage – 03 & 06 Jun 2025

FROM MAJ GEN SUDHIR BAHL, NDMA



## **HPSDMA Shimla**

1. Sh. Rajesh Jaswal (I.O) Deptt Of I& Pr
2. Sh. C. Tashi Bodh ( 2<sup>nd</sup> In Commandant (ITBP)
3. Dr. Ramesh Kumar Dy. Director (Health & Family Welfare)
4. Dr. Shamin Dhiman (HAO), IGMCM Shimla
5. Sh. Praveesh Kumar (CT/ Gd) NDRF
6. Sh. P.N. Das (AE) Deepak (P)
7. Sh. Dibyijoti Behera (AEE) Deepak (P)
8. Sh. Dharmender Singh, AE (Civ), HQ, EC (P) Deepak
9. Lt. Col Ajay Sharma, OC Troops ( HQ) Project Deepak
10. Sh. Rajesh Verma S.P/CTS, H.P. Police
11. Sh. Varun Patiyal Dy. SP CTS, H.P. Police
12. Sh. Arjit Sain Thakur SP SDRF
13. Sh. Yogesh Janartha ASI/CTS at SEOC
14. Sh. Aman Kumar SE (E), HPSEBL
15. Sh. K.P. Nepta Commandant HG/CD, Home Guard
16. Smt. Jyoti, SE (W), HPPWD

## **District Bilaspur:-**

17. Sh. Madan Dhiman DSP (HQ) Police
18. Sh. Neelaksh DRO Revenue
19. Dr. Shashi Dutt CMO Health
20. Dr. Vinod Kumar Kundi Deputy Director Animal Husbandry
21. Sh. Ajay Kumar SFO Fisheries
22. Sh. Piare Lal AE JSV Sadar
23. Sh. Mustak Ali JE JSV Ghumarwin
24. Sh. Baljit Singh SPC Fire
25. Sh. Suram Singh Platoon Commander Hhg
26. Sh. Pushpender Sharma JOA IT DFSC
27. Sh. Lalit Kumar Research Officer District Statistical Office
28. Sh. Kishori Lal Superintendent District Welfare Office
29. Sh. Surjeet Singh AE HPPWD Berthin
30. Er. Sukhdev Bansal AE Civil Hpsebl
31. Sh. Amit Kumar Secretary Red Cross
32. Sh. Manish Kumar Superintendent Grade II SDM Office Sadar
33. Sh. Raj Kumar AIO (Tech) DPRO
34. Sh. Anuj Thakur Dpo Planning
35. Sh. Dinu Ram Superintendent (Add. Charge Of Rto) Rto Office

36. Sh. Rajesh Kumar Account Officer Planning (F&A)
37. Sh. Lekh Raj Chief Inspector Hrtc
38. Dr. Rajdeep Singh Sdm Sadar Sdm Office Sadar
39. Sh. Uday Singh T&Cb Coordinator Ddma
40. Sh. Chandan Rathore Deoc Incharge Ddma
41. Smt. Arshiya Sharma Sdm Jhandutta Sdm Office Jhandutta
42. Sh. Gaurav Chaudhary Sdm Ghumarwin Sdm Office Ghumarwin
43. Representative From Sdm Office Swarghat Sdm Office Sri Naina Devi Ji At Swarghat
44. Sh. Devendra Kumar Sr. Manager (Safety) Ntpc Koldam
45. Cds Sjan Kumar Commanding Officer Ncc (Bilaspur)

### **District Chamba:-**

46. Sh. Abhishek Yadav Superintendent Of Police Chamba
47. Sh. Amit Mehra Additional District Magistrate Chamba
48. Sh. Vikramjeet Singh District Revenue Officer Chamba
49. Sh. Kushal Chand Commandant H/G
50. Sh. Umesh Kumar Statistical Assistant
51. Sh. Daulat Ram Fire Station Chamba
52. Sh. Bhag Singh Ddhc Chamba
53. Sh. Arvind Kumar Sr. Manager (M) Bsp Nhp Ltd
54. Sh. Lal Singh Deo (Pmc) O/O Dfsc Chamba
55. Sh. Ashish Semwal Training & Capacity Building Coordinator, Ddma
56. Sh. Sumit Gupta Training & Capacity Building Coordinator, Ddma Chamba
57. Sh. Chanderkant Deoc Incharge, Ddma Chamba
58. Sh. Rakesh Addition Public Relation Officer
59. Sh. Jitender Sharma Executive Engineer (Jsv)
60. Sh. Sanjeev Prakash Junior Engineer Mc Dalhousie Chamba
61. Sh. Nitika Thakur Junior Engineer Mc Chamba
62. Sh. Pankaj Sharma Manager (E)
63. Sh. Lalit Singh Senior Manager (E) Chamera-I
64. Dr. Bipin Thakur Chief Medical Officer Chamba
65. Sh. Kritigya Kumar Divisional Forest Officer Chamba
66. Sh. Bhupinder Kashyap Nt(Rr) Nodal Officer Deoc Chamba
67. Sh. Dinesh Kumar Executive Engineer Hppwd
68. Sh. Rajinder Singh Dy. Commnudent Csf
69. Dr. Mukul Kaistha Assistant Director D (E) Department Of Animal Husbandry
70. Sh. Umakant Osd/Elementary Education
71. Sh. Vivek Kumar Csf Cps-I



- 72.Sh. Karishan Chander Csf Cps-I
- 73.Sh. Lokesh Kumar Singh Csf Cps-I
- 74.Sh. Alok Ranjan Gr.Sr.Manager (E) Nhpc Ltd Cps-Ii Sh.Jitender Mohan
- 75.Gr.Sr.Manager(E) Nhpc Ltd Cps-Ii
- 76.Sh. Deepak Bhatia President (Prerna The Inspiration)
- 77.Sh. Akshay Kumar Member (Prerna The Inspiration)
- 78.Sh. Suresh Member (Prerna The Inspiration)

## **District Hamirpur**

- 79.Sh. Abhishek Garg IAS Additional Deputy Commissioner
- 80.Sh. Ashok Kumar Fire Officer
- 81.Lt Cdr Vinay Kumar Commandant Home Guard
- 82.Dr. Parveen Kumar CMO Hamirpur
- 83.Smt. Bandna Kumari DYDEO Hamirpur
- 84.Sh. Anish Thakur Food & Supplier affair Hamirpur
- 85.Dr. Ramesh Rath BMO Tauni Devi
- 86.Sh. Praveen Kumar LFM (Fire)
- 87.Sh. Vipin Kumar Lay Commandar HHG
- 88.Sh. Nitin Chauhan DYSP Hamirpur
- 89.Sh. Arun Chaudhary DWH. Planning Officer
- 90.Sh. Malkeet Mohd. I/C Controll Room
- 91.Dr. Mohi Ram Chauhan DDSE Hamirpur
- 92.Sh. Anil Guleria DPRO Hamirpur
- 93.Smt. Deep Mala DYO
- 94.Sh. Hitesh Kaushal CO HPSSCSC
- 95.Sh. Kuldeep Singh S.S HPSESC
- 96.Sh. Virender Singh DAO (P) Hamirpur
- 97.Sh. Sushant Kaushal SE Asstt.
- 98.Sh. Vikas Sharma I.T. Coordinator
- 99.Smt. Samiksha Sharma TCB
- 100. Sh. Bhanu Sharma Incharge- EOC
- 101. Sh. Santosh Pathak AE to EE HPPWD
- 102. Sh. Jagdish Chand Sankhyan DRO
- 103. Sh. Anurag AE ED Hamirpur

## **District Kangra:-**

104. Mrs. Shilpi Baekta Adm
105. Sh. Rakesh Dro
106. Sh. Surjeet Singh Cpo
107. Er. Bhupinder Pathak Dio
108. Sh. Sudhir Bhatia N.O Higher Education
109. Er. B.M Thakur S.E
110. Er. Jagtar Singh S.E
111. Er. Vishwajeet S.E
112. Dr. Rajesh Guleri Cmo Kangra
113. Sh. Karan Chand Station Fire Officer
114. Er. Puneet Sondhi S.E
115. Sh. Pulkit Sandal Distict Treasury Officer
116. Dr. Anuradha Shastri Sr. Medical Supdt.
117. Dr. Raj K. Negi Sms Hort.
118. Dr. Arivind Rana M.S Rpgmc Tanda
119. Sh. Sunil Rana Dsp (Sdrf)
120. Sh. Madan Lal Commandant Home Guard
121. Sh. Tushar Singh Manager(7) Piu Plampur Nhai
122. Sh. Sahil Sharma Je(Ops) C/O Airprot
123. Sh. Roshan Lal A.M Fire Airport
124. Sh. S. P Tondvp Dy Comdt/Ssb
125. Sh. Manish Soni Rto
126. Sh. Abhineet Katyayan Bdo
127. Sh. Sanjay Thakur Assistant O/O Ddee
128. Dr. Kuldeep Dhiman Dda
129. Sh. Vinay Sharma Dpro
130. Sh. Dinesh Kumar Executive Engineer Hppwd
131. Dr. Sumitk Sharma Dpo O/O Cmo
132. Sh. Sumeet Katoch Executive Engineer Jsv
133. Er. Robin Kumar Incharge Eoc Cum Documentation Coordinator (G-Ii)
134. Sh. Kuldeep Singhtraining & Capacity Building Coordinator (G-Ii)
135. Sh. Mohit Rattan (Virtual Mode) Sdm, Sub Division D/Shala
136. Sh. Ishant Jaswal (Virtual Mode) Sdm, Sub Division Kangra
137. Sh. Munish Kumar (Virtual Mode) Sdm, Sub Division Nagrota Bagwan
138. Sh. Kartar Chand (Virtual Mode) Sdm, Sub Division Shahpur
139. Sh. Arun Sharma (Virtual Mode) Sdm, Sub Division Nurpur
140. Sh. Surinder Thakur (Virtual Mode) Sdm, Sub Division Indora

141. Sh. Sankalp Goutam (Virtual Mode) Sdm, Sub Division Baijnath
142. Smt. Netra Mati (Virtual Mode) Sdm, Sub Division Palampur
143. Sh. Salim Azam (Virtual Mode) Sdm, Sub Division Dheera
144. Sh. Kulwant Pottan (Virtual Mode) Sdm, Sub Division Dehra
145. Sh. Sanjeev Kumar (Virtual Mode) Sdm, Sub Division Jaisinghpur
146. Dr. Sanjeev Sharma (Virtual Mode) Sdm, Sub Division Jawalamukhi
147. Sh. Vishrut Bharti (Virtual Mode) Sdm, Sub Division Fatehpur
148. Sh. Myank Choudhary (Virtual Mode) Sp, Police Dehra
149. Sh. Ashok Rattan (Virtual Mode) Sp, Police Nurpur
150. Col Ajay (Virtual Mode) Station Head Quarter, Army Alhilal Camp Palampur
151. Col Bhardwaj Comdt. (Virtual Mode) Adm, Army Holta Palampur
152. Col Sanjeev Miglani(Sso) (Virtual Mode) Station Head Quarter, Army Yol  
Cantt D/Shala
153. Col Rakesh Kumar (Virtual Mode) Commandant, Sub Division D/Shala

### **District Kinnaur:-**

154. Dr. Amit Kumar Sharma DC Kinnaur District Administration
155. Sh. Abhishek S S.P Kinnaur Police
156. Sh. Abhishek Barwal Ac To DC & Tehsildar Kalpa Revenue
157. Sh. Sunil Kumar Commandant 17TH Battalion ITBP
158. Sh. Suresh Kumar Commandant Home Guard Home Guard
159. Sh. Dhanveer Thakur Food Supply Officer DFSC
160. Sh. Hardayal Tehsildar Sangla Revenue
161. Sh. Arun Tehsildar Nichar Revenue
162. Dr. Sudhir Singh MOH o/o CMO Kinnaur Health
163. Sh. Rajneesh Kumar Eoc Incharge DDMA Kinnaur
164. Sh. Saurab Dhiman T&CBC DDMA Kinnaur
165. Sh Nitin Gupta Dam & Fire Safety Officer JSW
166. Sh. Sunder Lal Sub. Fire officer Fire Service
167. Sh. Mukesh Chand Platoon Commander Home Guard
168. Sh. Naresh Kumar Sub. Division Kanungo (SDM Kalpa) Revenue
169. Er. Jitender Pal J.E HPPWD Peo HPPWD Div. Kalpa
170. Sh. Amarjeet Relief Kanungo Revenue
171. Sh. Shiv Kumar S.I Tapri Police
172. Sh. Tain Singh S.I Bhabanagar Police
173. Sh. Praveen Kumar S.H.O Peo Police
174. Sh. Bharat Singh S.H.O Sangla Police
175. Sh. Devraj S.I Pooh Police
176. Sh. Jawahar Lal S.I Moorang Police

177. Sh. Shankar Supervisor DDMA Kinnaur  
178. Anuraksha Data Entry Operator DDMA Kinnaur

## **District Kullu**

179. Sh. Ravi Kumar Gupta Aee(Cw)70kcc/38bro  
180. Sh. Abdul Chauhanje Civil 70kcc/38bro  
181. Sh. Ajay Kumare-1dic Kullu  
182. Sh. Noorbu Ramsi Ssb Shamshi  
183. Sh. Jia Lalacssb Shamshi  
184. Sh. Sanjay Thakur Ad Animal Husbandry  
185. Sh. Anil Dhiman Dpro Comdt. Dipendra  
186. Commandant Itbp  
187. Sh. Nishant Kumar Sdm Sdm Office  
188. Sh. Nr Panwar Cmd Health And Welfare  
189. Sh. B.C Negi Executive Hppwd Kullu  
190. Er. Harish Thakur A.E Civil Hpsebl  
191. Sh. Ghanshyam Sharma Supdt.-Ii Higher Education Kullu  
192. Dr. Tara Chand Ms Rh Kullu  
193. Dr. Heera Lal Smo Rh Kullu  
194. Sh. Ved Prakash Joa It Rto Kullu  
195. Sh. Ankit Visht A.E Jsv Kullu  
196. Er. Virender Sharma E.E Hpsebl  
197. Sh. Daya Singh J.E (M) Hppwd Kullu (Mech.)  
198. Sh. Sanjeev Dhiman Naib Tehsildar Tehsil Kullu  
199. Sh. Gulab Singh Company Commander Home Guard Kullu  
200. Sh. Prem Singh Hrs Sto  
201. Sh. Kamal Bhandari Company Commander Home Guard Kullu  
202. Sh. Akash Sood Assistant Engineer Hppwd Sub Division Manali  
203. Sh. Hukam Ram Naib Tehsildar Sdm Office Manali  
204. Sh. Daler Singh Superintendent Gr Ll Sdm Office Manali  
205. Sh. Subhash Thakur Sdk Sdm Office Nirmand  
206. Sh. Hira Lal Thakur Chetna Samiti Kullu  
207. Sh. Tule Ram Sdk Sdm Office Banjar  
208. Sh. Gajender Thakur Cdpo (Icds) Kullu  
209. Smt. Champa Devi Cdpo Banjar Distt Kullu  
210. Sh. Dhani Ram Cdpo Katrain Smt Radha Supdt.Tehsil Office Manali  
211. Sh. Dinesh Kumar Joa It Tehsil Office Manali  
212. Sh. Manmohan Singh Sdm Sdm Office Nirmand



- 213. Sh. Munish Sdk Sdm Office Manali
- 214. Sh. Sandeep Kumar Adda Incharge Hrtc Anni
- 215. Sh. Manmohan (Addl. Charge) Sdm Sdm Office Anni
- 216. Miss Usha Verma Superintendent Grade Ii/Nt
- 217. Sh. Anil Kumar Dhiman Dpro
- 218. Sh. Chander Shekhar Dsp
- 219. Sh. Ratneshwar Sharma Tehsildar Tehsil Office Anni
- 220. Sh. Gajender Thakur Cdpo
- 221. Sh. Panchi Lal Sho Police
- 222. Sh. Rajender Kumar Bdo
- 223. Sh. Rajender Kumar Bdo

### **District Lahaul Spiti:-**

- 224. Ms. Kiran Bhadana Deputy Commissioner Lahaul & Spiti
- 225. Ms. Akanksha Sharma Sdo (C) Lahaul & Spiti At Keylong
- 226. Ms. Alisha Chauhan Sdo(C) Lahaul & Spiti At Udaipur
- 227. Dr. Roshan Lal Cmo Lahaul & Spiti
- 228. Sh. Ramesh Singh Tehsildar Lahaul & Spiti At Keylong
- 229. Dr. Usha Sharma Bmo Lahaul & Spiti At Gondhla
- 230. Sh. Akhil Singh Thakur District Controller Fcs&Ca Lahaul & Spiti
- 231. Sh. Arun Kumar Joa It Fcs &Ca Lahaul & Spiti
- 232. Sh. Vijay Kumar Xen Hpsebl Lahaul & Spiti At Keylong
- 233. Sh. Prakash Chand Hrtc Lahaul & Spiti
- 234. Sh. Ram Lal Hrtc Lahaul & Spiti
- 235. Sh. Mahender Lal Supdt. G-Ii O/O Deputy Commissioner Lahaul & Spiti
- 236. Er. Sorabh Anand Sdo Hpsebl Lahaul & Spiti At Keylong
- 237. Sh. Desh Raj Ddm, Drda Lahaul & Spiti At Keylong
- 238. Sh. Suresh Kaushal Forest Fgd Lahaul & Spiti At Keylong
- 239. Sh. Babu Ram Sub Inspector Itbp Karga Lahaul & Spiti
- 240. Sh. Sonam Zangpo Hc Itbp Karga Lahaul & Spiti
- 241. Sh. Piyaar Chand H&R Coy Keylong Home Guard At Keylong
- 242. Sh. Rattan Chand Lfm Incharge Fire Station Keylong
- 243. Sh. Tashi Palzor Je Hppwd Lahaul & Spiti At Keylong
- 244. Sh. Subash Chand Tech Assist I&Pr At Keylong
- 245. Ms. Sapna Devi Relief Assistant Sk Branch O/O Deputy Commissioner Lahaul & Spiti
- 246. Sh. Nitin Sharma T& Cb Coordinator Ddma Lahaul & Spiti
- 247. Sh. Prakash Chand Computer Operator Deoc Lahaul & Spiti

248. Ms. Urmila Devi Deo Deoc Lahaul & Spiti

**Through VC Mode:-**

249. Ms. Rashmi Sharma Dsp Lahaul & Spiti At Keylong

250. Ms. Shikha Simtia Sdo (C) Lahaul & Spiti At Spiti

251. Major Visag Cp Officer Commander 94rcc Bro At Udaipur

**District Mandi:-**

252. Sh. Bhupinder Singh Commandant H.H.G.

253. Sh. Asi/Cts Ganpat Dev D/S Office/I/C Control H.P.P

254. Sh. H/C/Cts Abhishek Head Constable H.P.P

255. Sh. Brij Lal Sdo Bsnl

256. Sh. Dr Rajesh Kumar District Ayurveda Officer Ayurveda

257. Sh. Hemant Kumar Dpro Ipr

258. Sh. Hari Chand Ddee (Mandi) Edu.

259. Sh. Rajesh Dogra Apo Drda Rural Dev.

260. Sh. Hitender Kumar Joa (It) Ddee Mandi

261. Sh. Vijay Singh Ae (E) Md Bvpcl J/Nagar

262. Sh. Omjai Thakur Chdm Se €Bvpcl J/Nagar

263. Sh. Pawan Kumar Sharma Food Supply Officer Fessa Mandi

264. Sh. Anchit Dogra D.P.O Mandi Panchayati Raj

265. Sh. Abhay Kumar Sharma Asstt. Tan Planner, Mandi Tcp Deptt.

266. Sh. Raman Vaidya C.P.O Pinnce

267. Sh. Vinod Kumar Dpo Planning

268. Sh. D.K Verma Ee, Mandi-Ii Hppwd

269. Sh. Parkash Rao Supett. Gr-I D.C Office

270. Sh. J.P Bhatia Secretary Red Cross Red Cross

271. Sh. Rupinder Kaur Sdm (Sadar) Rev. Deptt.

272. Sh. Dr Pawnesh Kumar Dpo O/O Cmo Mandi

273. Sh. Virender Dn. Dc Office Mandi

274. Sh. Vijay M.A Dc Office Mandi

275. Sh. Ashwani Kumar D.I.O. Nic Mandi

276. Sh. Akhil Agnihotri Rm, Hrtc Rm, Mandi

277. Sh. Chetan A.O.I.O., Mandi Nic Mandi

278. Smt. Richa Sharma Suptt. Gr-Ii Rev. Diptt

279. Sh. Fateh Singh Suptt. Grii S.D.M. Office

280. Smt. Dr. Deepali Sharma Cmo Mandi

281. Sh. Sayar Chander Addl. Sp Mandi

282. Sh. Ashvik Kumar N.S.K D.C Office Mandi

283. Sh. Naveen Kumar Rto Mandi Mandi  
284. Dr. Manu Verma Ias(P) Ac(Vit) Dc Office  
285. Sh. Harish Sharma Dro Mandi D.C Office

### **District Shimla:-**

286. Sh. Anupam Kashyap (Ias)Deputy Commissioner Cum Chairman Ddma Dc Office  
287. Ms. Jyoti Rana (Has)Adm (P) Cum- Ceo Ddma Dc Office  
288. Sh. Pankaj Sharma (Has) Adm (L&O) Dc Office  
289. Sh. Sanjeet Sharma Dro Revenue  
290. Sh. Vinod Arya Oc Adv Party1 Jak Rif  
291. Sh. Kuldeep Kapil Comdt, 3rd Bn Hg & Cd  
292. Sh. Ravinder Singh Rap 22 Jak Rif  
293. Sh. Tanuj Gupta Sr.Xen City Shimla Hpsebl  
294. Sh. Vipin Kumar Dyo Nyk /My Bharat  
295. Sh. Joginder Singh Sr.Audit Officer (Ems) O/0 Pr. A.G Audit Hp  
296. Sh. Balwant Singh Home Guard 2nd Bt Spc Home Guard 2nd Bt  
297. Sh. Bhupinder Singh Deputy Ranger O/O Dfo (U) Forest  
298. Sh. Narender Dhiman Dfsc Shimla Food And Supplies Shimla  
299. Sh. Mansa Ram Station Fire Officer Fire  
300. Ms. Nisha Dy.Director Ddee Shimla-4 Ddee Shimla  
301. Sh. Kamlesh Kumar S.D.K (U) Revenue  
302. Sh. Pardeep Bali Nodal Officer (A.E) Hppwd 4th Circle Shimla  
303. Sh. Rakesh Kumar Assistant Engineer Jsv Shimla  
304. Sh. Virender Kumar Sr.Asstt Rto Shimla  
305. Sh. Dinesh Joa It Rto Shimla  
306. Sh. Sanjeev Gupta Tehsildar Rural Revenue  
307. Dr Isha Thakur Moh Rippon Cmo Shimla  
308. Dr. Yashpal Ranta Cmo Shimla O/O Cmo Shimla  
309. Sh. Bhuvan Sharma Joint Commissioner Mc Shimla  
310. Sh. Gulshan Negi Dy. Sp, Sdrf Sdrf  
311. Sh. Aman Daroch Constable Sdrf Sdrf  
312. Sh. Rattan Singh Negi, Hps Asp City  
313. Sp Office Shimla Rajat Kashyap Nic Nic Dc Office  
314. Sh. Saju Ram Sub-Inspector Hrtc  
315. Dasu Ram Inspector Hrtc  
316. Dr. Shashank Gupta Sdm Theog  
317. Sh. Harsh Amrinder Singh Sdm Rampur  
318. Sh. Mehar Chand Fishta Sub Division Kanungo Rohru

- 319. Sh. Hem Chand Verma Sdm Chopal
- 320. Sh. Mukesh Sharma Sdm Kumarsain
- 321. Sh. Aman Kumar Sdm Kupvi
- 322. Sh. Yudhabhay Singh Naib Tehsildar Jubbal
- 323. Sh. Rajesh Verma Sdm Sunni
- 324. Ms. Asha Negi Cts Ddma
- 325. Sh. Gaurav Mehta Eoc Incharge Cum Documentation Coordinator Ddma
- 326. Dr. Neha Sharma T & Cb Ddma
- 327. Sh. Naveen Bhardwaj Supervisor
- 328. Ddma
- 329. Sh. Rohit Kumar Supervisor Ddma
- 330. Sh. Kamal Kumar Data Entry Operator Ddma
- 331. Sh. Deepak Chauhan Data Entry Operator Ddma

#### **District Sirmour:-**

- 332. Sh. Laiq Ram Verma, Adc, Sirmaur
- 333. Sh. Vivek Sharma, Ac To Dc Sirmaur
- 334. Sh. Yogesh Rolta Hps, Asp, Sirmaur At Nahan
- 335. Sh. Rajeev Kumar Sdm Nahan
- 336. Sh. Chetan Chauhan Dro Sirmaur, At Nahan
- 337. Sh. Tota Ram Sharma Commandant Home Guards
- 338. Sh. Lekh Raj, Bao Home Guards
- 339. Sh. Raj Kumar, Fire Officer Nahan
- 340. Sh. Lalit Garg,,A.E. Mc Office Nahan
- 341. Smt. Sona Chauhan, Rto Nahan
- 342. Sh. Rama Nand, Naib Tehsildar Nahan
- 343. Sh. Virender Kapoor, Secretary Member Diag
- 344. Sh. Ramesh Kumar, A.E. (Ed Nahan) Hpsebl
- 345. Sh. Ajay Kumar, Sedpo, Bdo Office Nahan
- 346. Sh. Pramjeet Thakur, Bdo Nahan Addl. Charge
- 347. Sh. Babli Thakur, Supdt. Panchayat Office Nahan
- 348. Sh. Anshit Sharma, Rm Hrte Nahan
- 349. Sh. Mohar Singh Chauhan, Inspector Police Nahan
- 350. Sh. Vinod Kumar Sangal, Cmo Office Nahan
- 351. Dr. V.S. Nanda, Dy. Dir. Animal Hus. Sirmaur
- 352. Smt. Mamta Negi, Dpro Sirmaur
- 353. Dr. Indu Sharma, Distt. Ayush Officer Sirmaur
- 354. Er. Alok Juneja, Ee Hppwd Nahan

- 355. Sh. Rajeev Thakur, Dy. Dir. Ele. Edu. Nahan
- 356. Sh. Narinder Singh, Drda Nahan (Supdt.)
- 357. Smt. Shivangi Dhiman, Distt. Agri. Officer Nahan
- 358. Smt. Pallavi Dhiman, Agri. Ext. Officer Nahan
- 359. Dr. Rajeev Tegta, Sms Horticulture Nahan
- 360. Smt. Shalini Singh, Sdo Bsnl Nahan
- 361. Smt. Rita Devi, Office Asstt. Nyk Nahan
- 362. Sh. Arun Thakur, Fso Nahan
- 363. Sh. Amit Kumar, Ae (Design) Nahan Jsv
- 364. Sh. Vijay Kaushal, Ipo , Dic Nahan
- 365. Dr. Vidhi Tomar, Cmo Office Nahan
- 366. Smt. Anita Thakur, Tcb, Coordinator Ddma Sirmaur
- 367. Smt. Richa Sharma, Deo, Deoc Sirmaur.

### **District Solan:-**

- 368. Sh. Rahul Jain, Adc Solan
- 369. Sh. Santosh Sharma, Commandant Home Guards
- 370. Dr. Shalini Puri, Dpo O/O Cmo Hfw
- 371. Sh. Vinod Gautam, Sdo Bsnl
- 372. Sh. Ajay Kumar, Divisional Engineer B&R
- 373. Er. Vipul Kashyap, A.E.E. Hpsebl Ltd. Solan
- 374. Sh. Kiran Kumar, A.D.O Agriculture
- 375. Sh. Kailash Kausha, H.D.O Horticulture
- 376. Sh. Ashok Chauhan, Adpeo Higher Education
- 377. Sh. Amreesh Sharma, Dss Elementary Education
- 378. Smt. Seema Mehta Ircs Red Dc Office Solan
- 379. Sh. Shravan Kumar, District Controller Fcs&Ca Food And Supply
- 380. Er. Gopi Singh, Assistant Eng. Mc Solan
- 381. Sh. Raj Kumar, Asp Police
- 382. Dr. Poonam, Sdm Solan Revenue
- 383. Sh. Neeraj Kanwar, Nodal Officer Ddhe Solan
- 384. S.P. Rajput, Rm Hrtc
- 385. Sh. Deepika, Jr. Asstt. Fisheries
- 386. Sh. Sunil Dutt Sharma, T.A. O/O Drda
- 387. Sh. Mohender Rana, Supervisor Ddma Solan
- 388. Sh. Pradeep Thakur, Eoc In Charge Ddma Solan



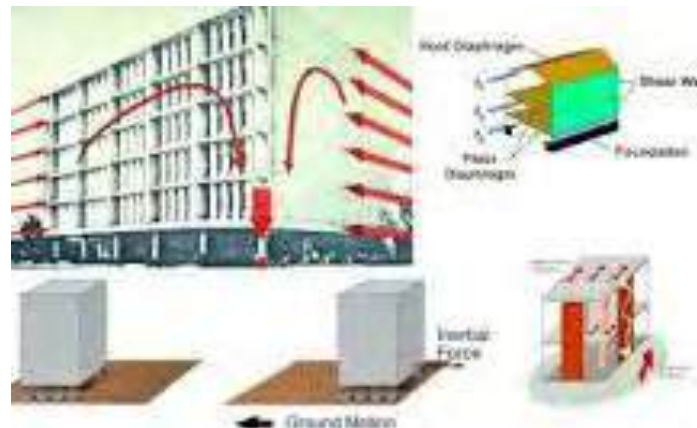
## **District Una:-**

- 389.** Sh. Mahenderpal Gujar Adc Una
- 390.** Dr. Kiran Sharma Dao Una (Ayush)
- 391.** Dr. Vinay Kumar I/C D.A.H. Una (Animal Husbandary)
- 392.** Sh. Surinder Singh Food & Supplies Officer Una
- 393.** Sh. Ashok Kumar Sto, Fire Station Una
- 394.** Sh. Hav. Kulvinder Rana 6hp(1) Coy Ncc Una
- 395.** Dr. Ankit Chaudhary Dpo O/O Cmo Una
- 396.** Sh. Nitin Sepehia Joa (It) O/O Rto Una
- 397.** Ashok Kumar Rto Una
- 398.** Er. Kuldeep Singh Thakur Xen Hppwd Div. Una
- 399.** Sh. Anil Kumar Junior Engineer Hppwd Div. Una
- 400.** Sh. Surender Singh Negi Assistant Director (Factories) Una
- 401.** Sh. Pardeep Kumar Distt. Youth Officer Nyk Una
- 402.** Major Vikas Saklani Commandant 12th Bn. Homeguard Una
- 403.** Sh. Dhiraj Sharma Coy. Comd. (Bao) 12th Bn. Homeguard Una
- 404.** Sh. Rohit Kumar Dhiman Range Assistant Una, Hp Forest Dept.
- 405.** Sh. Sonu Goyal Sdo(C) Bangana
- 406.** Dr. Raj Kumar Sharma Mo, Rh Una
- 407.** Sh. Naresh Kumar Tehsildar Amb
- 408.** Sh. Surender Sharma Additional Sp (Lr) Una
- 409.** Sh. Somil Gautam Sdo(C) Gagret
- 410.** Sh. Pardeep Kumar Ei, Dept. Of Industry
- 411.** Dr. Ankush Sharma Dept. Of Animal Husbandary
- 412.** Dr. Anju Dept. Of Animal Husbandary
- 413.** Er. Santosh Kumar S.R.F.M Project Circle Una
- 414.** Er. Yashwinder Singh Sr. Xen Hppwd Una
- 415.** Sh. Varinder Sharma Ac To Dc Una
- 416.** Sh. Nardev Singh Hrtc Una
- 417.** Sh. Ajay Kumar Singh District Revenue Officer, Una
- 418.** Sh. Rajan Kumar Training & Capacity Building Co-Ordinator
- 419.** Sh. Dheeraj Kumar Eoc Incharge & Documentation Co-Ordinator
- 420.** Sh. Rajat Saini Supervisor, Deoc Una



# TABLE TOP EXERCISE (EARTHQUAKE SCENARIO) HIMACHAL PRADESH

Major General Sudhir Bahl (Retd)





## TABLE TOP EXERCISE : AIM

***Set the stage for successful conduct of the ME by:-***

- ✓ ***Exercising and rehearsing key disaster managers in their roles and responsibilities with respect to possible emergency situations through simulated scenarios, particularly those related to the impending ME;***
- ✓ ***Discern gaps prior to the ME, and***
- ✓ ***Evolve viable action plans.***

**Primary objective – to facilitate and improve  
(learning oriented)**

# PART - 1

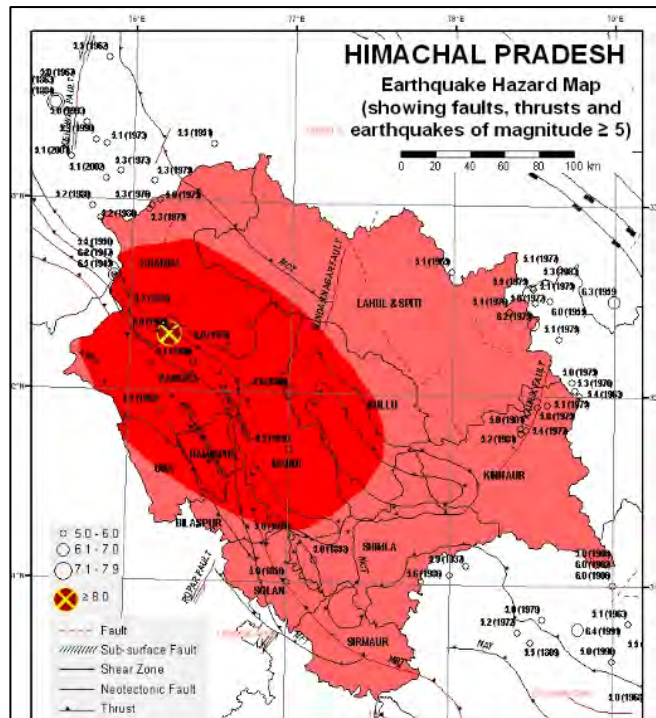
**PSTN BY HPSDMA**

**PSTN ON CIVIL DEF ACTION PLAN**

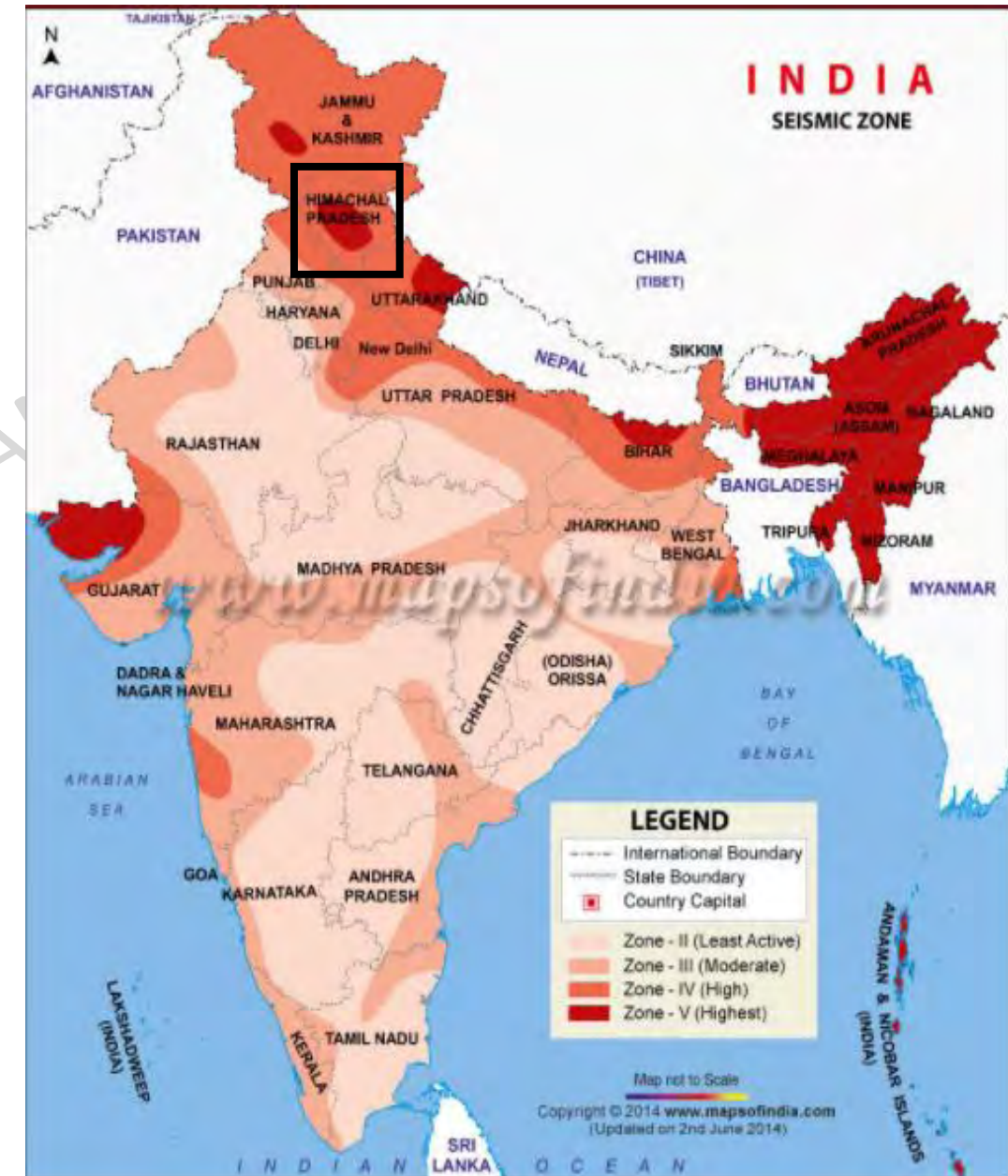
# TABLE TOP EXERCISE



# EARTHQUAKE HAZARD



- Himachal Pradesh falls in region of Very High/High seismic risk zone (Zone IV/V)
- Zone V - Kangra, Mandi, Hamirpur & Bilaspur, 50% of Chamba, Kullu, Una & Solan and 25% of Shimla – 40% of State area (Population wise ??)
- Historically, frequent seismic activity greater than M5.0 (one event of M8.0 in 1905)



# Google's Android Earthquake Alert System

- An early-warning-focused service - for Android users
- Users only receive alerts if device location & Earthquake Alerts enabled
- Currently live in 97 high-risk countries
- Largest seismic detection and alerting network by Google is in India
- Android users - go to Settings - Earthquake Alerts - and activate

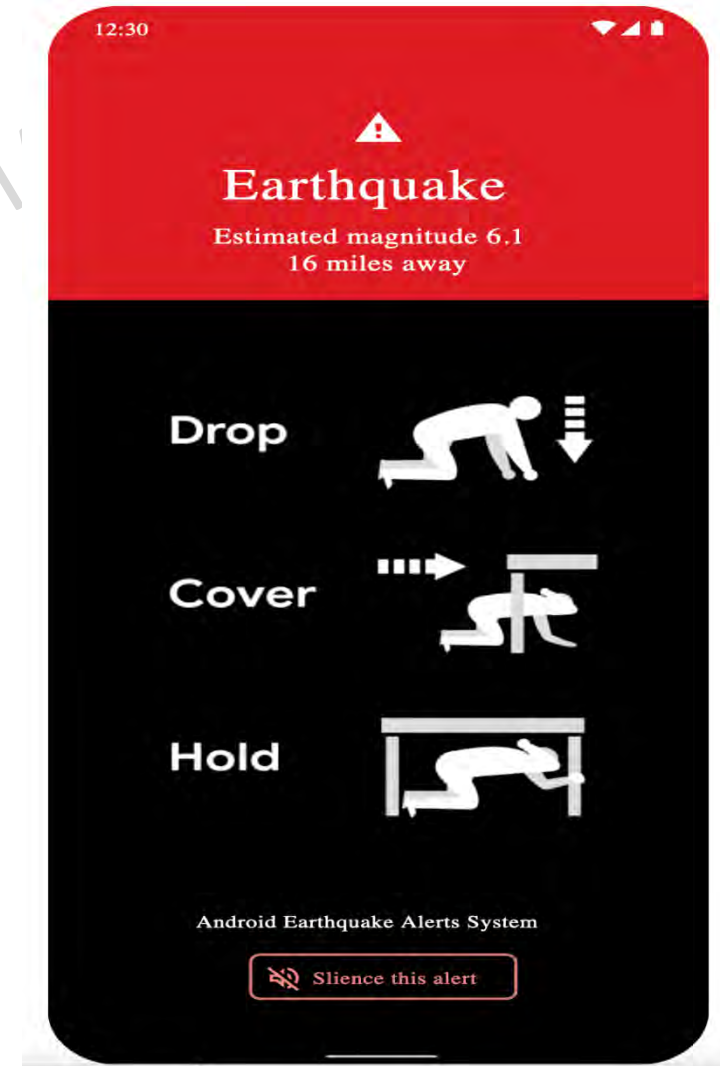


ALL CITIZENS MUST ACTIVATE



# Take Action Alert

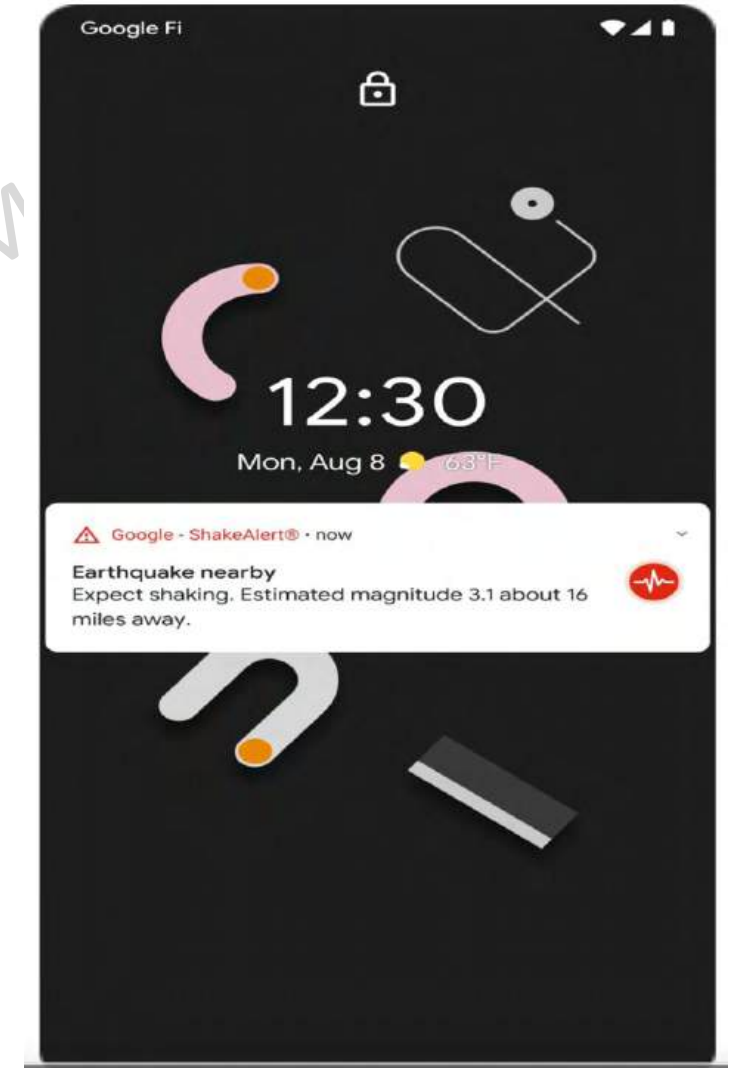
- Designed to get users' attention when urgent protective action is required
- Sent to users who will experience **MMI 5+** shaking during an earthquake of magnitude 4.5 or greater
- Overrides do not disturb, turns on screen, plays loud alert sound to get attention.





# Be Safe Alert

- Alert for light shaking
- Sent to users who will experience estimated **MMI 3 & 4** shaking during an Earthquake of magnitude **4.5 or greater**
- Standard notification that respects do not disturb and other settings on the device.



# TTE x SETTING AND MODALITIES

- Given hazard vulnerability of Himachal Pradesh, response will be predicated on scenario of an **Earthquake leading to a cascading outcomes :-**
  - Earthquake results in triggering of cascading events.
  - Not restricted to one particular damage template – complete participation.
  - **E\* Day – Day of the Earthquake**
- Events and their timelines have been telescoped
- Interactive conduct – Districts, departmental heads and IRTs - Concerned stakeholder(s) must respond (visualise the situation)!





# OVERALL SCENARIO

- ✓ A strong earthquake of M8.0 occurs at 0931 hrs on E day near Dharamshala. Kangra especially and the entire State, including Shimla, is badly affected
- ✓ Wide spread destruction reported. Reports - many government and private buildings severely damaged and many fire outbreaks reported
- ✓ Thousands rendered homeless
- ✓ Major fires in a big petrol pump in Solan & Shimla and some industrial (chemical) accidents
- ✓ The tremors have triggered major landslides, with danger of Avalanches & GLOF
- ✓ Injured – shifted to hospitals. Medical system overstretched
- ✓ Planned Staging Areas, Relief Camps and other IRS infrastructure be activated earliest
- ✓ SEOC/DEOCs to take charge of situation and establish Incident Command Posts, as per requirement
- ✓ Strong Aftershock of M7.3 at 1137 hrs, 37 Km North of Shimla .... further damage

Existing  
Faults

Peak Ground  
Acceleration  
Analysis

Population  
Density +  
Structural  
Strength

### PRIMARY IMPACT :

- Building/Structure collapse
- Communication network disruption
- Infrastructure damage - Power, Hydropower, Irrigation, Telecom
- Liquefaction

### SECONDARY IMPACT :

- Fires
- Industrial Accidents such as damage to FOL and Gas Bulk storages
- Landslides, Avalanches & GLOF







# Preparedness Measures

The entire State being vulnerable to Earthquakes, preparedness is essential.

Requirement: For Responsible Officers and Departmental Heads - **What are your focus areas as part of preparedness and how have these been addressed?**



# Preparedness Measures

The entire State being vulnerable to Earthquakes, preparedness is essential.

Requirement: For Responsible Officers and Departmental Heads - What are your focus areas as part of preparedness and how have these been addressed?

- **Damage modelling – to drive DM plans**
- **Focus areas- entire spectrum from:-**
  - **Citizen empowerment & early warning;**
  - **Situational awareness and damage assessment;**
  - **Decision making and capacity building for effective response (esp integral capability - SDRF)**
- **Processes, procedures/ SOPs & Capabilities- DM Plans, IDRN & EOCs (GIS and satl imagery)**
- **Coordination and training – response specific, IRS and inter-agency liaison**





## Situation 1: 09:31 AM, E\* Day

### **Very strong tremors in Kangra and entire State including Shimla**

- Strong tremors felt and evidence of damage in near by vicinity.
- Landline and Mobile phones are not working.

### **Requirement 1: For Responsible Officer and the Incident Commander:**

- **Your mobile gave a warning a few seconds – before the shaking started. Your actions?**
- **What is your initial appreciation and reaction after sensing the strong tremors?**

**IMMEDIATE ACTION SOP – GEAR UP FOR ORGANISED ACTION**



## Situation 1A: 09:36 AM, E\* Day

Your initial appreciation clearly indicates that it is a major earthquake and there is a likely to be large scale damage and casualties.

- Community based response supplemented by ESF QRTs must kick in, as per SOP.
- You give orders confirming the same.

### Requirement 1A: For Solan Municipal Authority:

#### **AS RELEVANT TO AN URBAN PART OF Solan:-**

- Present the Community based response plan to include resources, system of organisation and activation for Community based response?
- Availability and grouping of ESF QRTs?



## URBAN

- Ward/ Ward clusters based
- **Part of City DMP (Municipal)**
- Collated info: Sub-division

## RURAL

- Village/ Village clusters based
- **Part of Village DMP**
- Collated info: Sub-division

**Aapda  
Mitras**

**NCC,  
NYKS, NSS**

## Command & Control

- Organisation
- Leader
- Passing Orders
- Integration

**CD & HG**

**Other  
Volunteers**

**ESF QRTs**

## ESF

- Medical (Ambulance)
- **F&ES (Fire Engine)**
- Earth Movers

**Framework:  
Community  
Based  
Response  
Supplemented  
by ESF QRTs**

## CONTINGENCY

Must visualise and plan for an Earthquake striking at night – greater ambiguity, panic levels, difficulties in coordination and response.

**Better training and additional equipment required.**



## Situation 2: 09:46 AM, E\*Day

|                |                    |
|----------------|--------------------|
| Magnitude:     | M 8                |
| Time of Event: | 09.31 AM (IST)     |
| Epicentre:     | 32.2341N, 76.3182E |
| Focal depth:   | 16.7 km            |

### Distance and Direction

- 14.5 NE of Kangra Airport
- 24 KM NNE of Kangra Bus Stand Bus
- 13 KM NW of Yol Cantt



### Requirement-2: For RO/IC/PSC/OIC EOC

At State level steps have been taken by the Chief Secretary /RO to the brief the CM, convene SEC, inform other stakeholders, liaison, etc.

OIC EOC - Initial assessment of the NCS report?

For the RO/IC/PSC – State & District : Likely damage (as modelled). Initial actions by you, including confirmatory and supervisory?



# SAMPLE NCS REPORT

## Report on 28<sup>th</sup> April 2021 Earthquake (M 6.4), Sonitpur, Assam

An earthquake of Magnitude M:6.4 occurred in Sonitpur, Assam with epicentre at 26.69° N and 92.36° E, focal depth of 17 Km at 07:51:25 IST. The epicentre is closer to the plate boundary and located at about 80 Km NE of Guwahati; 132 Km N of Shillong and 180 Km W of Jorhat. The preliminary analysis shows that the events are located near to Kopili Fault closer to Himalayan Frontal Thrust (HFT). The area is seismically very active falling in the highest Seismic Hazard zone V associated with collisional tectonics where Indian plate subducts beneath the Eurasian Plate.

The historical and instrumentally recorded earthquake data (NCS catalogue) reveals that the region is affected by moderate to large earthquakes and the most prominent events among those are the 29<sup>th</sup> July 1960 Assam earthquake of M 6.0 (Fig. 1).

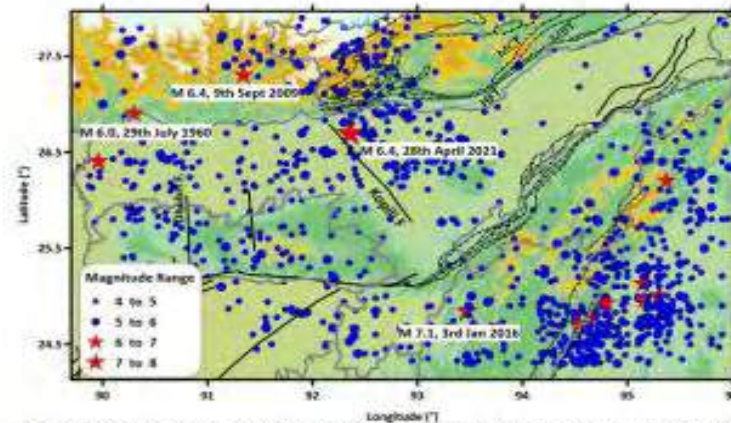


Figure 1: Seismicity ( $M \geq 4.0$ ) in the Assam and surrounding region during 1960 -March 2020 (earthquake data source: [seismo.gov.in](http://seismo.gov.in) and Geological faults and lineaments source: Bhukosh, GSI) and the Mainshock of 28<sup>th</sup> April 2021 is also shown

Expected intensity of today's (28<sup>th</sup> Apr 2021 at 07:51:25 IST ) earthquake is assimilated by NCS, MoES as shown in Figure 2. The earthquake is felt in entire North East region of India and some parts of Bihar, West Bengal and Bangladesh. More than 70 felt reports due to this earthquake, have been received from Assam, Bihar, West Bengal and Bangladesh through NCS website and Mobile App having intensity ranging from I to V on Modified Mercalli Intensity (MMI) Scale Figure 3.

Damages to buildings also reported within 100 km from epicentre in areas of Sonitpur, Nagaon, Guwahati as received from Central Seismological Observatory, NCS, Shillong.

A total of 6-number of aftershocks of magnitude range of M: 3.2 to M:4.7 are located within 2hours 30 minutes from the time of occurrence of Main shock of M:6.4, signifying the release of the stress in the vicinity of today's source zone in and around Sonitpur, Assam.

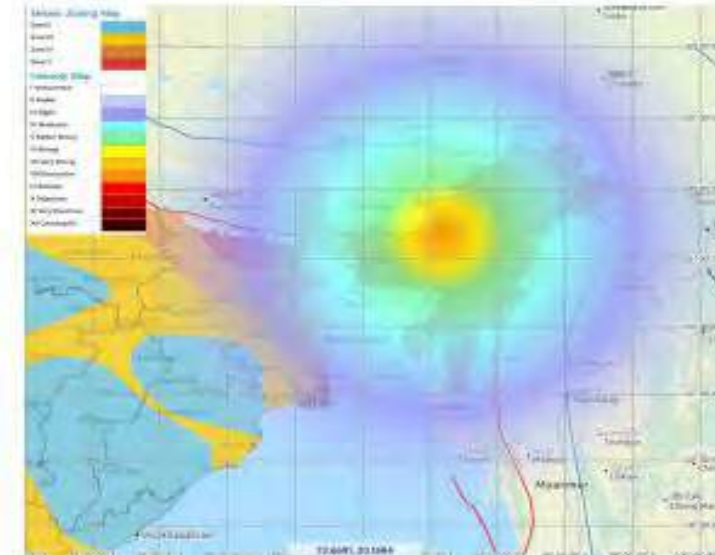
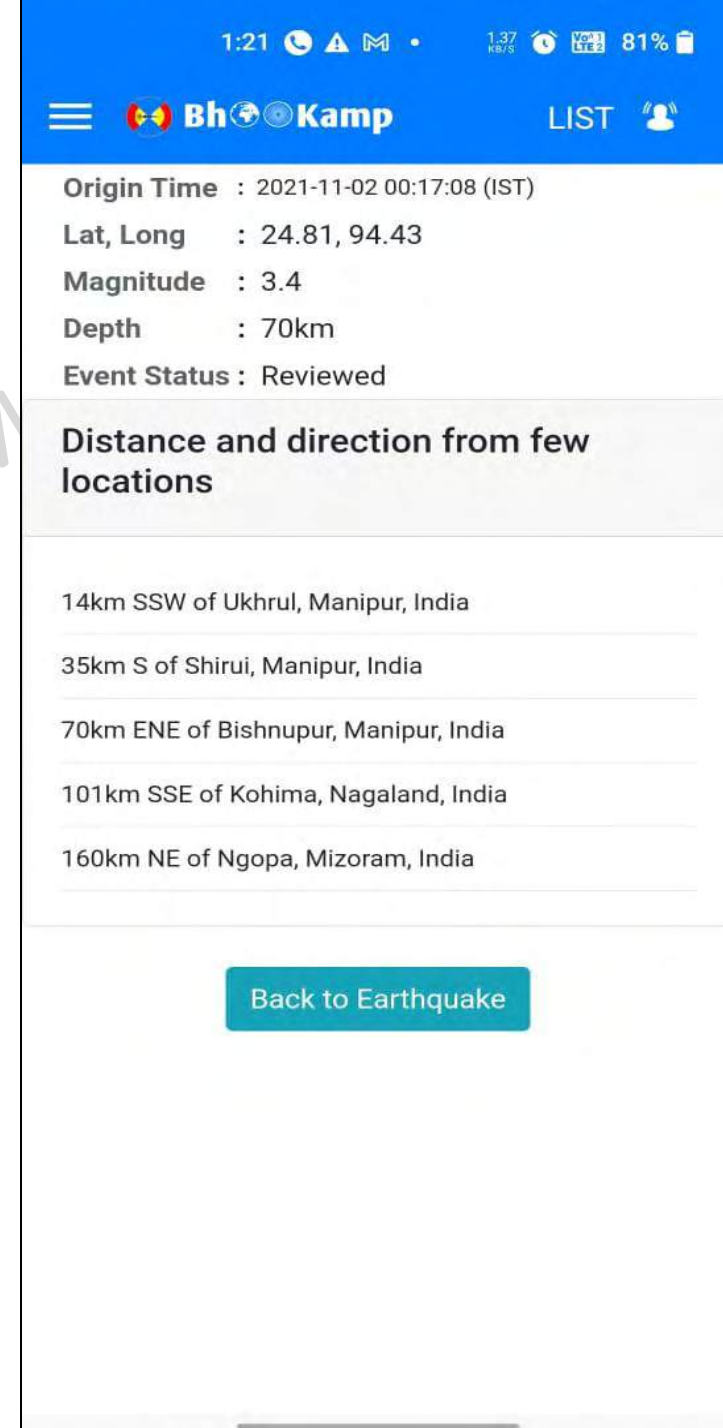
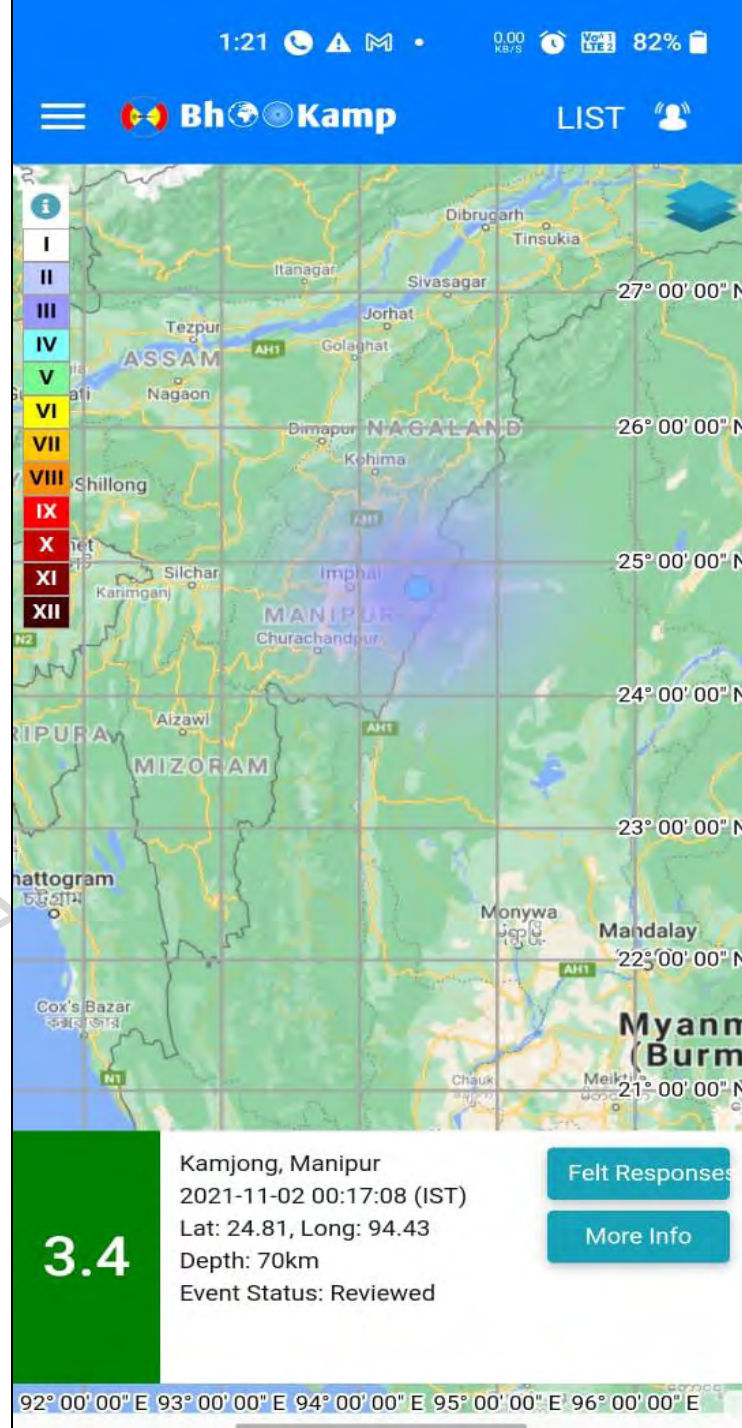


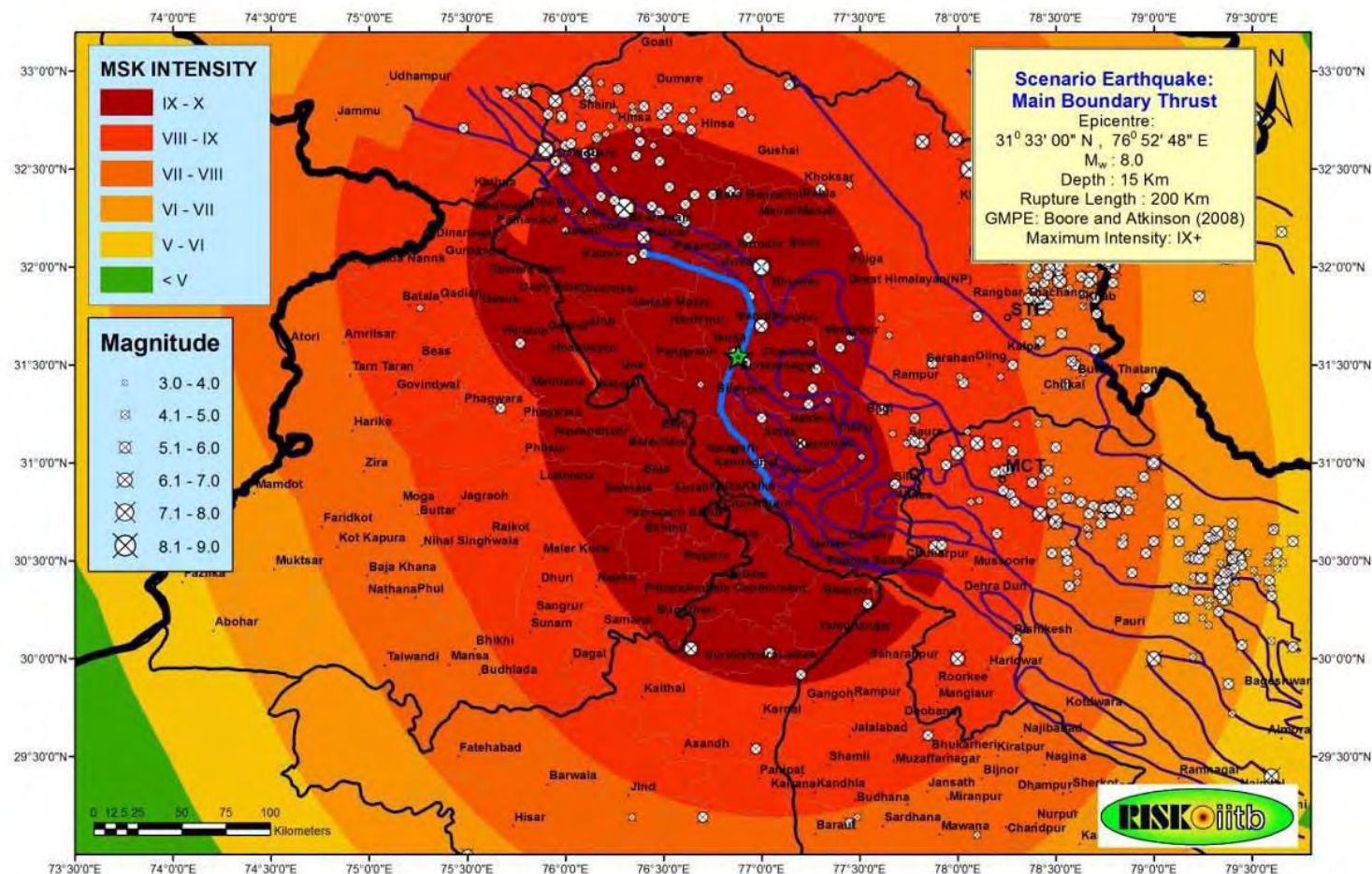
Figure 2: Estimated earthquake Intensity Map of the Mainshock M:6.4 of 28<sup>th</sup> April 2021

BASED ON “FELT REPORTS”

# BHOOKAMP APP







## Estimated Loss (2011 Census)

Population   Injuries   Deaths

68,56,000   14,90,400   1,88,100

| <u>District</u> | <u>Population</u> | <u>Injuries</u> | <u>Deaths</u> |
|-----------------|-------------------|-----------------|---------------|
| Chamba          | 5,18,800          | 1,35,200        | 14,700        |
| Kangra          | 15,07,200         | 3,15,000        | 41,600        |
| Lahaul & Spiti  | 31,500            | 13,800          | 1,400         |
| Kullu           | 4,37,400          | 1,11,800        | 12,700        |
| Mandi           | 9,99,500          | 2,59,100        | 29,400        |
| Hamirpur        | 4,54,200          | 98,600          | 13,100        |
| Una             | 5,21,057          | 83,000          | 13,300        |
| Bilaspur        | 3,82,000          | 77,000          | 10,000        |
| Solan           | 5,76,600          | 83,500          | 12,600        |
| Sirmaur         | 5,30,100          | 1,11,600        | 14,000        |
| Shimla          | 8,13,300          | 1,86,700        | 23,300        |
| Kinnaur         | 84,200            | 14,400          | 1,600         |

## Response-2:

### OIC SEOC:

- Check ability of EOC to sustain 'business continuity'
- Access and analyze the report from NCS (sent by email, FAX, App and Social Media)
  - ❖ Intensity and likely damage. Clearer picture after inputs from community fed in
  - ❖ Initial estimate of areas (districts) likely to be affected and severity of impact
- Brief Secretary and other officers of the DM Deptt / District Magistrate and IRT officers of the District about the report of NCS and inferences
- Issue warning orders to response elements, including side stepping basis RO's directions
- Commence process for collection of information for preliminary assessment of damage – esp police elements and DEOCs.
- SEOC will prepare preliminary estimate of the likely damage in the State considering the types of buildings and structures, demographic spread, industry pattern, etc and collated reports from DEOCs



# ***Clearing Access to Critical Facilities***

***First "Render Safe"***



***Then "Clear Access to Critical Facilities"***





# Response – 2:

## District Collector: (Supervisory & Confirmatory Tasks)

- Confirm ability of EOC to sustain 'business continuity' for the next 2-3 days
- Ensure activation of **immediate community driven in-house response** – save lives in 'golden hours' **(SOP)**:
  - PRI/ULBs and village level officials
  - Mobilize local IRTs – CD & HGs, community responders, NGOs, medical
- **Mobilise Uniformed Forces support & seek additional support from State**
- Confirm activation and monitor progress of:
  - Teams for Clearance of Access to Critical Facilities
  - IRTs, F&ES, CD, HG, resident SDRF, IRS facilities e.g. Staging Area, ICP, Relief Camps
- **Oversee efforts at gaining situational awareness**
- EE, BSNL, private mobile service providers report to the EOC - **SOP** (could need vehicles)
- **Messages to public – social media, CAP, community / public broadcast radio**

**MUST PREPARE CHECK LISTS**

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## Situation – 3: 09.51 AM, E\* Day

The IC and Planning Section Chief (PSC), and the Operations Sections Chief (OSC) have reached the EOC.

- A cloud of dust is hanging over the towns and villages. Reports of a number of landslides in hilly areas
- Smoke columns, plausibly from fires, are visible

### Requirement: For PSC, IC and OSC:

- PSC: In such a situation, where communications are down and surface (road) connectivity is disrupted, how will you **build Situation Awareness** of the damage in your State / District? **Explain basis your SOP**
- **What would be your other actions at the EOC?**



# Response:

## Means – Building of Situation Awareness:

1. Reports
2. Aerial survey
3. UAVs (drones), preferably with geo-tagged cameras
4. 'HAM' radio operators
5. Satellite imagery
6. Crowd Sourcing of Information





## Aerial Survey





## ***Kathmandu – Before and After***





## Situation – 4:                      10. 25 AM, Day E\*

PSC has collated available information on damage and is briefing the RO, IC, Logistics Section Chief (LSC) and the Operations Sections Chief (OSC), and others members of the IRT present at the EOC

- Broad Damage Assessment:
  - Almost all major roads damaged / blocked by debris
  - Debris on Roads to Critical Facilities is being cleared
  - Many power lines damaged; power supply affected
  - Major communication networks, including terrestrial and mobile networks affected
  - Reports of large-scale damage to buildings, houses, infrastructure, industry
  - Apprehensions that many may be trapped, injured or dead
  - Aftershocks expected

### Requirement: For RO, IC, PSC, LSC and OSC:

- RO, IC - What is the broad sequence in which the response will be planned?
- What would be your next steps towards activation of response?



**IRT Appts Assembling at EOC**



**UAV – Collecting Information**



**Briefing of IRT at EOC**



**Broad sequence of Planning the Response**

**Situation Unit, Planning Sec**



**Logistics Section**



**IAP – Planning Section**





## Response – 4 (Action by IC/ PSC/OSC/LSC)

Based on the briefing from OIC EOC and orders of DC

- **Progress of mobilisation: resources to Staging Area/ alternate Staging Area**
- **Briefing and Coordination at Staging Area(s) by the Staging Area Manager**
- **‘Beef up’ initial quick community response :**
  - ✓ **Gauge additional reqmt from PRIs/ village level officials**
  - ✓ **Mobilize additional resources – SDRF, Central Agencies, Volunteers & NGOs**
  - ✓ **Medical aid – DM plans at State/Distt and hospital levels**
  - ✓ **Steps to curtail panic, maintain law & order & traffic control**
- **Responder availability and Resource Availability status**
- **Address Deficiencies: Resources ex-trade and establish liaison / measures to secure resources ex Central Agencies & neighbouring states**

**IC, PSC, LSC, OSC:** Commence process of **preparing the Incident Action Plan (IAP)**



## **Situation – 4A:      10:30 AM, Day E\***

- Surface connectivity stands disrupted by the earthquake
- This means that most aid from outside will have to come through aerial means, especially to remote mountainous areas

### **Requirement-4A: For Nodal Officer:**

- **Your Plan:**
  - To activate helipads / helibases
  - Coordination of air effort



## Situation – 5:                      1030 hrs, Day E\*

- The Dy Manager of BSNL has reported to the EOC
- Only radio (wireless and SATCOM) are functional

### REQUIREMENT:

Telecom Dept: Briefly present your communication plan:

- Critical stakeholders & how are back up communications being provided?
- Resources & priority for restoring mobile communications?
- Other measures and coordination carried out (for communication with Central agencies

### Polnet:

- **Modification** to function as DM net
- **Radio instructions – salient aspects**



## **Situation – 6:**                      **1035 HRS, Day E\***

- The IAP prepared by the PSC is ready and he is briefing the IRT appointments. Situation is critical. Additional responders of NDRF and relief materials have to be moved by air.

### **Requirement 6A:**

- Your bid for additional resources – Districts & State?
- NDRF & IAF – your plan for moving additional resources?
- Nodal officer Air : arrangements for receiving the responders at – Shimla; Kangra?

### **Requirement 6B:**

- **Army, AR & CAPF:** What additional assistance can you provide?

### **Requirement 6B - OSC:**

- ❖ What Task Forces/Groups will be formed & factors considered for their composition?
- ❖ Sequence of deploying the Task Forces / Groups?



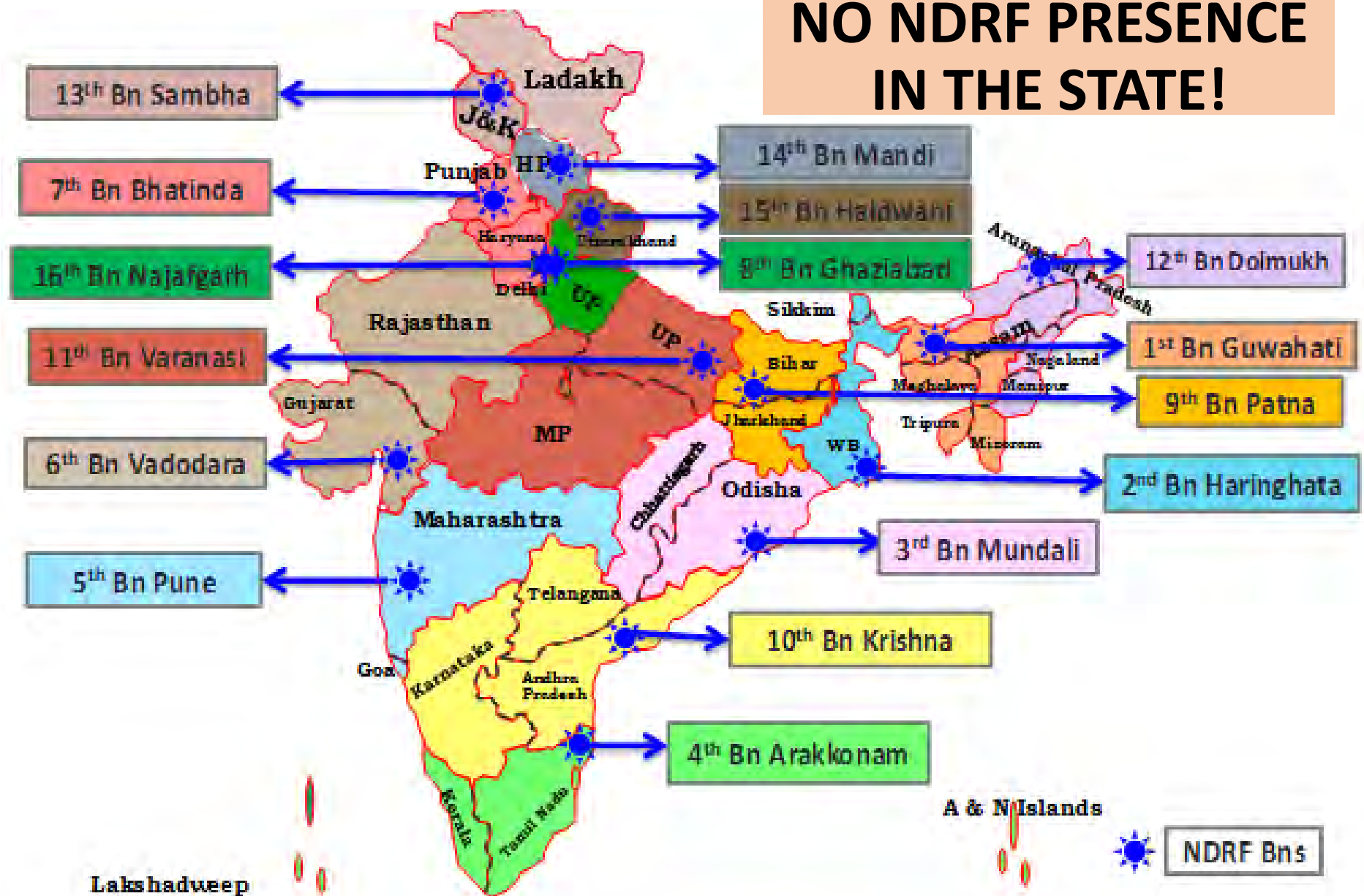
# Response – 6B:

NDRF: See Map

In the event of a major disaster, additional NDRF assets would move in

CAPF and Armed Forces: In-situ / co-located forces will be available as committed (including additional subject to their own reqmts)

**NO NDRF PRESENCE  
IN THE STATE!**





# ADDITIONAL RESOURCES

- Army
- ITBP
- SSB
- BRO

**STATE & DISTRICTS MUST MAP**

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## Assembly of Resources at Staging Area



*Task Force / Group Commanders Reach Staging Area, Extract Their Strike Team / Task Force / Group*





## Situation 7: 1045 HRS, E\* DAY

- Significant number of Industrial units located in Himachal Pradesh, esp in Shogi, Una, Baddi etc

### Reqmt:

- Which is the Dept responsible for Industry safety and has an disaster preparedness audit been completed for each industry with assessed risk in the State/district?
- Structure collapse reported at some of the industrial units – Shogi & Baddi.
- PPT - Response – Industry, Local & District?





An industrial disaster strikes in Baddi, District Solan due to inundation caused by heavy precipitation in upper catchment, as a result of an ammonia gas leakage at the Vardhman Auro Textile Ltd. facility. The incident occurs when an ammonia storage tank is breached due to a malfunction, and the sprinkler system fails to activate, exacerbating the situation.

#### Initial Information

1. 40 workers are seriously affected by the exposure to the toxic gas.
2. The wind direction is southeast, potentially carrying the gas towards populated areas.
3. It is estimated that approximately 15,000 people could be affected by the gas leakage.
4. The mobile telecommunication infrastructure is disrupted due to monsoon.
5. The water level in the Balad River has risen, causing a Mandabla & Baddi Barrier bridge to collapse in Baddi. The bridge collapse affected connectivity of the industrial area in Baddi with Haryana and Chandigarh.
6. Around 600 migrant labours residing along the Balad River required to evacuate to safer places and require immediate staying arrangements.
7. The local hospital has a capacity of 30 beds which is already full
8. More than 300 people have been severely affected by the linkage of toxic gas and urgently require hospitalization.



## Response to the situation

- Activation of On-Site/Off-site Emergency Plans- what is envisaged?
- Evacuation Plan of District Administration?
- Medical Response?
- Response of the Fire & Emergency Services?
- Mobilization of NDRF & other response Agencies?
- Decontamination of the affected area - plan thereof
- EIA & - Restoration Measure - who and how to be done?



## **PPT FORMAT**

Districts with Industrial Areas to Prepare scenario Like this for one Industry

- Incident due to EQ
- Situation – Danger due to chemical and persons
- On site emergency plan details – Resources in eqpt & pers; Action
- Mutual aid scheme
- Addl trained pers requisitioned
- Spills to off site
- Off site emergency plan
- Photos and maps

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## **Situation – 8A:      10.45 AM, Day E\***

- **Responders & MAPs:**
  - **Are reporting a large number of people with injuries**
  - **Have also recovered a number of dead bodies**

### **Requirement-8A: For CMO:**

- **What, as per your Departmental Plan, is the rough assessment of casualties that may be expected in such a scenario?**
- **What is the Medical Plan to deal with the emerging situation?**
- **What reconfiguration will be carried out in major hospitals? Has this been rehearsed?**



# Response – 8A:

## Medical Plan should include:

- Expected casualties (scenario based)
- Details of:
  - Hospitals, with bed capacity, specialist facilities and their 'Surge' capacities
  - Private hospitals with the specialty and bed capacities, Diagnostic Centres, Pathology Labs, medicine and medical equipment retailers, etc (**signed MOUs**)
- SOP for deployment of First Aid Posts / Medical Aid Posts in the disaster affected area, as also to augment the capacity of PHCs, rural and urban hospitals
- CASEVAC by road, and/or by air
- Plan for creation of ad hoc morgues



## Response – 8 (contd):

### Medical Plan should also include :

- SOPs for calling up retired doctors, medical and hospital staff
- Medical aid from neighbouring States/Distts
- Psycho-Social and trauma counselling facilities
- Provision of PPE and disposal of medical waste
- Plan and means for **keeping tag of inter-hospital movement and discharge** of victims:
  - Tagging of victims – pictures of site and person from where recovered; Aadhar, etc
  - Integration of communications and information - representatives of F&ES, SDRF, NDRF, CAPF, Armed Forces, NGOs placed at DEOC should feed information of recoveries to DEOC, which collates and feeds it to the CMO
  - CMO at District / HQ to interact with hospitals and update inter-hospital as well as discharge movement of victims (**develop online system**)





**First Aid Post**



**TRIAGE**



**Medical Aid Post**



**Surge Capacity Created**



**Ad Hoc Hospital**



**Field Hospital**



## **Situation – 8B:**      **10.50 AM, Day E\***

- **Reports:**
  - All major road arteries in Central & Northern parts of the State hit by major landslides
  - Connectivity to major towns and Haryana/Punjab badly affected

### **Requirement-8B:** For PWD Dept:

- What, is your Departmental Plan for Integrated Landslide Management to deal with disruptions that may be expected in such a scenario - **Ppt?**
- Must include all resources of other agencies – BRO, Uniformed Forces, NHAI etc.





## Reqmt 8C – District Landslide Situation Mgt - PPT

### (All Districts were to Prepare one Landslide scenario)

#### - Situation & Analysis

- What has happened – landslide on – over a stretch of ---
- Impact – houses; vehicles and individuals
  - people stranded; incl tourists
  - routes blocked

#### - Response

- Was there a prep response plan in place
- Overall responsibility & agencies involved
- Resources being deployed and from where
- Medical
- Use of volunteers
- Relief incl temp shelter
- Road restoration & debris clearance
- Alternate routes & traffic cont

- Districts to prep short ppt - Must have maps and site photos

- Will discuss one which is imp; state to nominate

## Scenario w.r.t. Landslide



Chamba

### Situational Analysis

- Situation Overview
- Time and Date: 20th August around 5 PM during peak monsoon season.
- Weather Conditions: Heavy rainfall for the last three days.
- Incident: Landslide on the right bank of Ravi River near village Sanh
- Impact:
  - Landslide from the uphill slope
  - Road connectivity to village Sanh blocked
  - Temporary lake is formed in the Ravi River and water column is rising very fast. It has already reached almost 2 KM length and likely to breach shortly taking down huge volume of water and trees with it
  - Chamba – Bharmaur road connectivity is also disrupted due to landslide at various location
  - Electricity Power House on the right bank of Ravi river is under great threat
  - Electricity Transmission line damaged
  - Dams of Chamera – III/II/I are already at the danger mark due to heavy rain
  - Ranjit Sagar Dam at Punjab downstream almost to its full capacity
  - Famous Mani Mahesh Yatra is going on and Bara Nauhan is in full swing – More than 50,000 pilgrims are in and around Bharmour area
  - The adjoining areas of Punjab and J&K are also under threat during the dewatering process of the lake
  - Villages, habitations, bridges, road and other infrastructure downstream near river bank may be threatened

### Immediate Response

Action Plan of the District Administration to meet out such Eventualities and preparatory actions w.r.t.

- Early Warning to villages downstream
- Warning to pilgrim tourists and their evacuation along the major highways.
- Restoration of Roads and Communication
- Setting up of relief camps
- Communication with the Air Force for airlifting of stranded pilgrim tourists and dropping of medical and essential commodities.
- Availability of boats

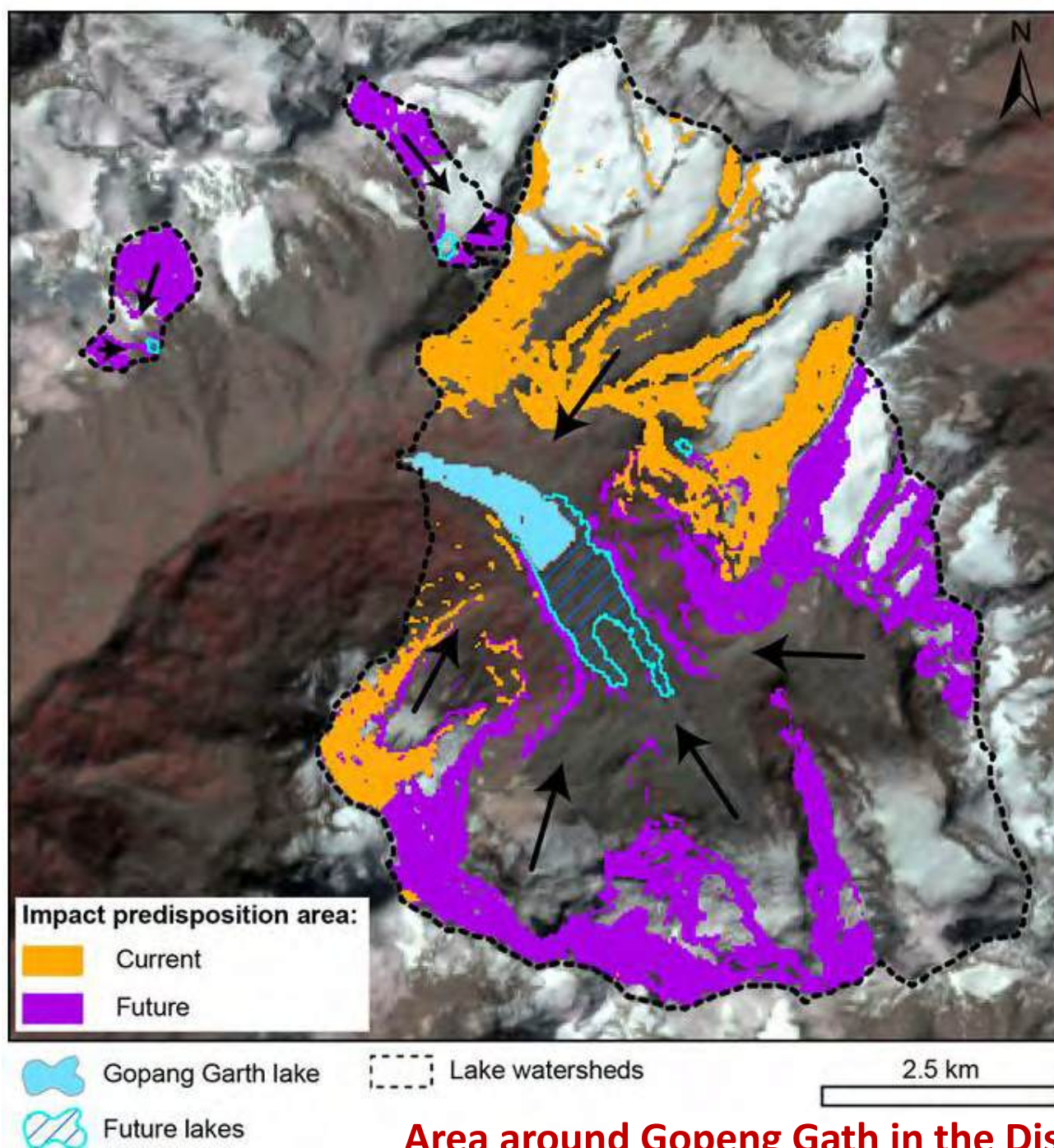
Action plan to alert and evacuate tourist and the vehicles.

Action plans of the Hydropower companies

Response Plan for the low lying areas along the Ravi river.

Mechanism for interdistrict coordination with the administration of Kangra and alerts to the adjoining areas of Punjab and J&K.

Plan for the mobilization of resources, responders, evacuation, setting up of relief camps, and safety



Affected Districts to  
Prepare Action Plan for  
High Risk lakes as per this

- Hazard & risk mapping
- **Monitoring**
- Early Warning
- **Worst case scenario**
- **Awareness**
- **Preparedness - response**

Area around Gopeng Gath in the District of Lahaul and Spiti



## **Situation – 9:                    11.05 AM, Day E**

- Responders reporting large number of homeless people, many of whom are in a state of panic

### **Requirement-9:    For LSC /RO and Relief Camp Manager:**

- How many Relief Camps would you need to establish in your District vs planned?
- Arrangements made inside the Camps?



# Response – 9:

## Arrangements for Accommodating Homeless:

- May have to set up number of Relief Camps
- Use community shelters; marriage venues; schools; etc (pre-identified)
- Ensure shelter; security; food; water; electricity; medical; gender segregation and sanitization arrangements

## Interim Measures - Essential Services: LSC and OSC to ensure:

- Supply of essential commodities
- Sustenance and Maintenance of essential services to hospitals, offices, relief camps
- Availability of portable generators to responders

Number of Relief Camps: Will depend on the population, damage and spread of the area (gainfully use NGOs and must have plans for augmentation)

## **Situation – 10:** **12.31 PM, Day E**

- **NGOs have significant resources which can be gainfully harnessed for:**
  - **Search & Rescue**
  - **Relief efforts including Relief Camps**
  - **Medical Aid**
  - **Women & Children needs**
  - **Hygiene & Sanitation**
  - **Animal Welfare**
- **Similarly NCC has significant capabilities**

### **Requirement-12: For IC/OSC:**

- **Your plan to utilize NGO resources in your district (specifics of resources and employment) - Ppt?**
- **Your plan to employ NCC – specific tasks and resources allocated (any distt)**

## Response – 11:

- NGOs should not be allowed to work in a standalone mode - but should be grouped under an IRT / Task Force / Group
- **NGO Management cell under Nodal officer essential.**
- Recommended grouping:

| <b>NGO</b>                       | <b>Should Be Grouped With</b>  |
|----------------------------------|--|
| <b>Search &amp; Rescue</b>       | <b>SAR Task Forces under the IRT</b>   |
| <b>Medical Aid</b>               | <b>Medical Teams of the IRT</b>  |
| <b>Relief; Women &amp; Child</b> | <b>Relief Camp Management Group of the IRT</b>                                   |
| <b>Animal Welfare</b>            | <b>Veterinary Group of the IRT</b>   |
| <b>Heritage Protection</b>       | <b>Task Force for Restoration of Infrastructure, as well as with ULBs / PRIs</b> |





# POINTS TO PONDER

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# DM CHALLENGES

- **Challenges - DM preparedness**

- **Difficult topography**
- **Multiple Hazards**
- **Dense & poor building construction**
- **Weak socio-economic condition**
- **Limited Infrastructure and poor communications**
- **Lack of institutional continuity**

- **Dedicated response effort-**

- ✓ **State level resources a must**
- ✓ **Build community response, esp in remote areas**

- **Focus on IEC activities**

- **Embrace & exploit technology**

- **Emphasis on mitigation**

- ✓ **Micro-zonation studies**
- ✓ **Enforcing construction norms**
- ✓ **Earthquake Early Warning integration**



## ***Earthquake Debris***





# Disposal of Animal Carcasses



## Carcass Disposal Options

- Burial
- Landfills
- Incineration
- Rendering
- Composting

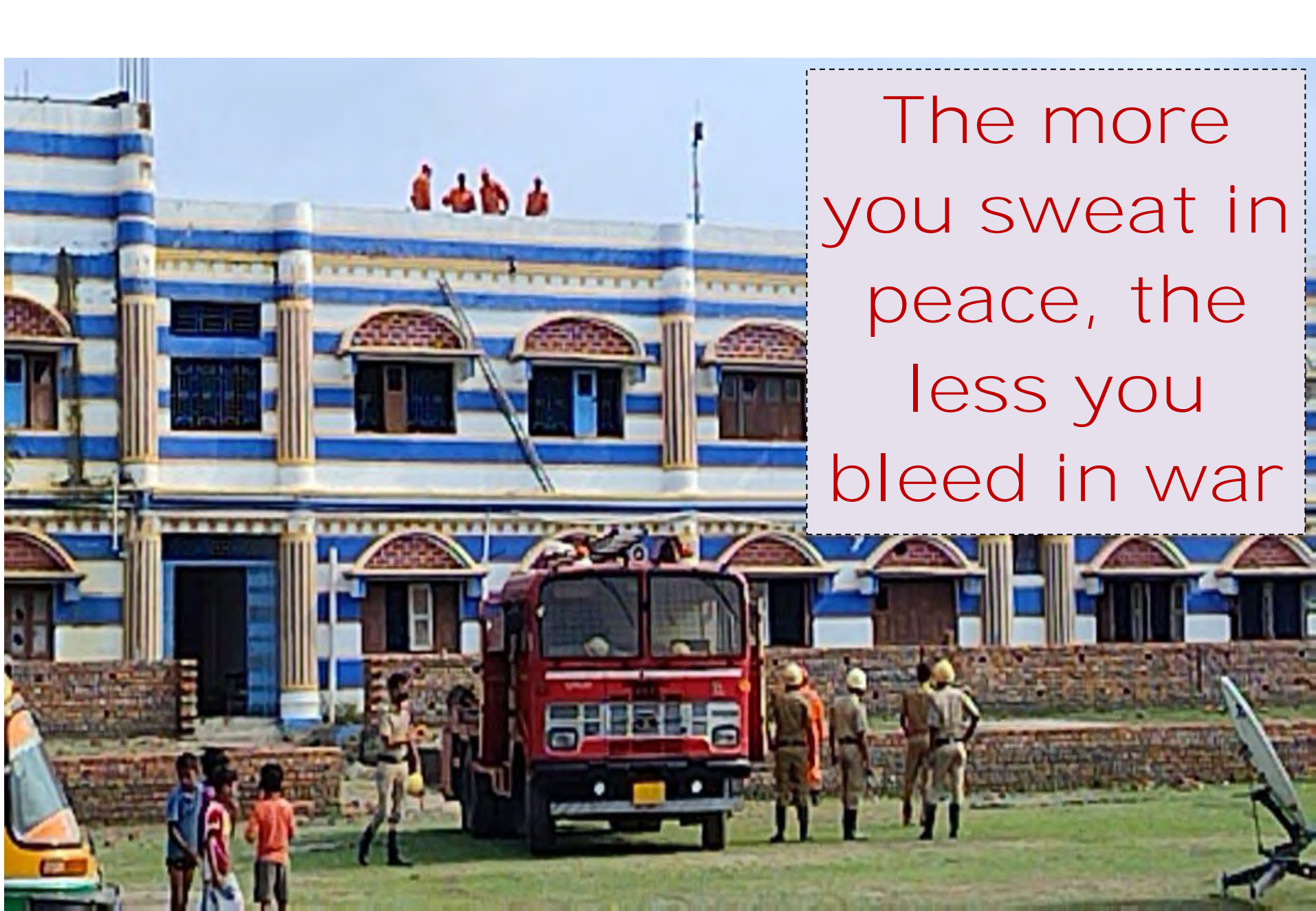


## Burial: Construction and Design

- Trench area
  - 4-8' deep x 6' wide
- Site size/area
  - Depends on species, age/size, quantity
  - 42 cubic feet per
    - 1 adult bovine OR
    - 5 pigs/sheep OR
    - 40 chickens
- Liners to minimize seepage







The more  
you sweat in  
peace, the  
less you  
bleed in war

- Regular review of building safety
- Regular building evacuation rehearsals
- Awareness – is your personal responsibility



Thank you  
For  
your participation





Jai Hind

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# MOCK EXERCISE (ME)







# Activities : 27 May – 06 Jun 2025



## 27 May to 02 Jun 2025



- Awareness campaign, Preparatory activities, briefings, coordination & rehearsals
- Finalisation of ME sites

## 03 Jun 2025 - TTEx



- SDMA Ppt & Civil Defence Action Plan Ppt
- TTEx – response to scenarios, incl PPTs

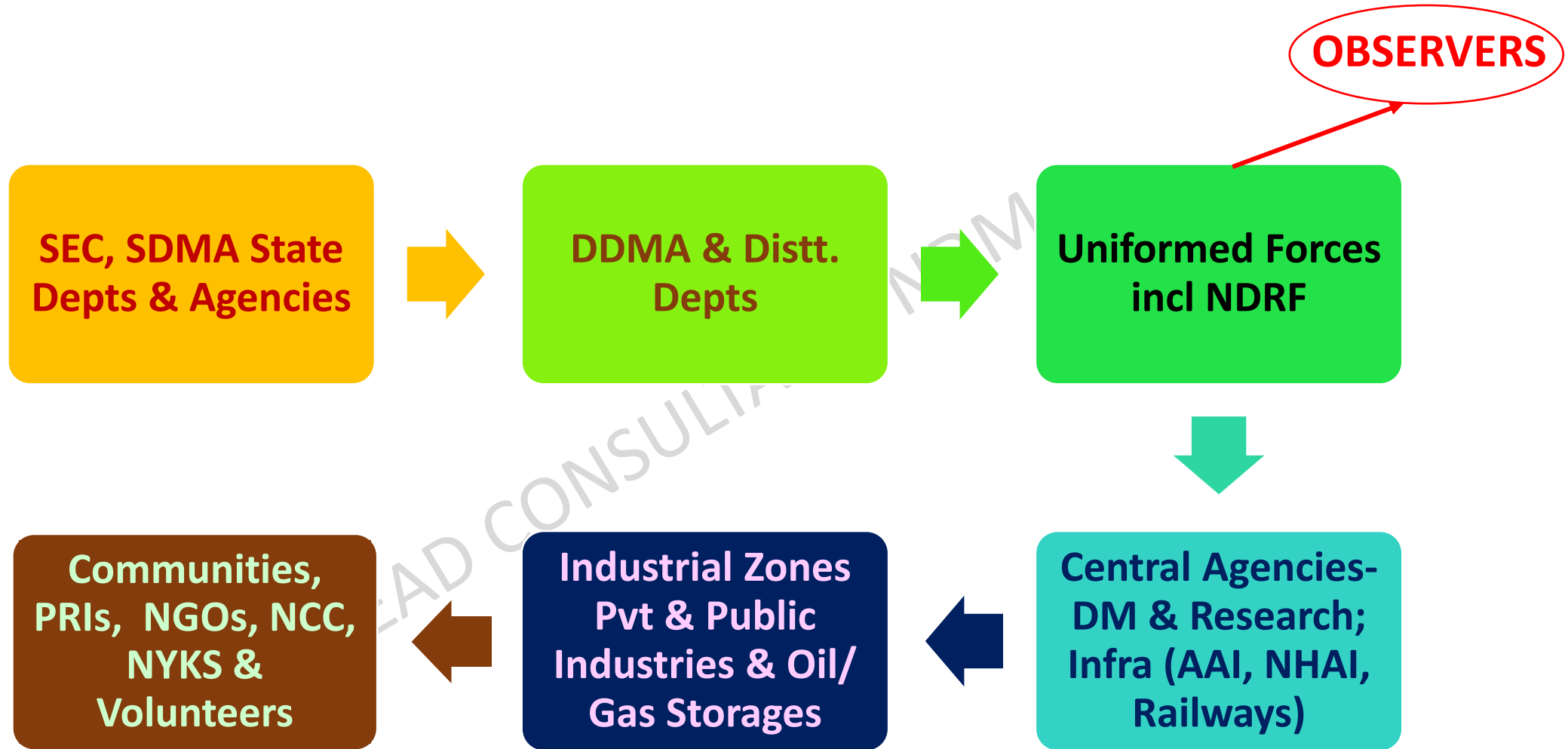
## 04 to 05 Jun 2025 – Preparation for ME

- Address Gaps; Preparation of Simulation sites; Briefing of Observers
- Activation of EOCs, IRTs and IRS facilities (e.g. Staging Areas & Relief Camps)
- Rehearsals; Communication check (incl Uniformed forces) – Radio & Satellite

## 06 Jun 2025 – ME (Response at Simulation Sites)

- 0900 to 1315 hr – ME
- 1415 onwards – De-briefing

# ENSURE PARTICIPATION - ALL STAKEHOLDERS





# STATUTORY ADVICE



**The State Administration, SDMA, District Administrations and DDMA's shall ensure the following:-**

- **No student or civilian** is used for / involved in any activity that entails potential risk of injury or death. For example, rescue from a high building; passing close to a simulated fire, etc.
- **Unduly risky simulations to be avoided.**
- **For all simulations with risk, invariably, the personnel of F&ES / SDRF / NDRF will be deployed.**
- **Adequate numbers of Civil Defence/Home Guards volunteers be present for role-playing of injured and dead, and in evacuation**
- **Students and citizenry participating will NOT be unduly rushed or hurried for action. Minimum inconvenience to citizenry.**



# Preliminary Action – SDMA and DDMA



**The SDMA and every DDMA will jointly select min 09 sites for mock actions, in each District (min 4 locs – distt HQ, selected sub-divisions / blocks):-**

- **School**
  - **Govt Office**
  - **Residential Area**
  - **Market complex**
  - **Hospital – Damage & DM Plan execution**
  - **Land slide (min one in all districts); Avalanche/GLOF -each district with risk**
  - **Bridge / Dam damage**
  - **Petrol/CNG Pump Fire, Fire in Una IOC facility & Industrial Accidents**
- SAR & relief incl specialised rescue (helo/NDRF)**
- Site name, coordinates & in-charge officer - intimate to NDMA Coordinator latest by 02 Jun 2025**

**# ICP and MAP will be set up in vicinity of SAR site**





# **Broad Timelines of ME : 06 June 25**



- **0900 hrs – 1315 hrs**
  - ✓ **ME Initial status – IRS activated & facilities created. EOCs – immediate actions and ‘business continuity’ check**
  - ✓ **0910 – 0920 hrs: Switch to Wireless comms, build situational awareness & analyse NCS report**
  - ✓ **0930 - 1030 hrs: Initial Community response (volunteers/CD/HG) – LIVE STREAM. NDMA TEAM WILL PHYSICALLY WITNESS at nominated locality/market & Petrol pump. Activate Staging Area, ICP, etc; Notify disaster; requisition NDRF & Uniformed Forces; seek Medical resources ex Centre**
  - ✓ **1030 – 1100 hrs: Situational Update on GIS and Review of Situation & IAP Pstn at SEOCs & DEOC**
  - ✓ **1100 onwards – Specialist Response by the IRTs / TFs at simulation sites. Live streaming (as per Schedule by HPSDMA); Controlled from SEOC / DEOC**
  - ✓ **1140- 1315 hrs: NDMA team Physical visit (school, Staging Area, hospital, relief Camp)**
- **Observers to fall back to EOCs and Senior Observers of districts to collate points**
- **1415- 1530 hrs onwards: Debriefing**

# Simulations

1. State/Distt Capital : School; Govt Office; Residential Area; Market complex & Hospital  
(to depict SAR & relief including specialised rescue (helo/NDRF))

2. Sub Divisions & Blocks : Minimum one site at each location out of:

- Landslide
- Avalanche/GLOF (as per risk)
- Major Bridge /Dam damage
- Major Petrol/CNG Pump -Fire
- MAH Unit - Industrial Accident / Bulk Petroleum Storage Accident (Una)

- **Note:** Each district to simulate at least one major landslide and one each of the others at serial 2 above, if existing (sites at ser 2 above can be included in Distt Capital as additional sites, if located there). **Petrol pump fire to be simulated at Shimla & Una**

| District     | Sub- Divs | Places to Activate      |
|--------------|-----------|-------------------------|
| Bilaspur     | 5         | Distt HQ + 3 Sub div HQ |
| Chamba       | 7         | Distt HQ + 4 Sub div HQ |
| Hamirpur     | 5         | Distt HQ + 3 Sub div HQ |
| Kangra       | 14        | Distt HQ + 7 Sub div HQ |
| Kinnaur      | 3         | Distt HQ + 3 Sub div HQ |
| Kullu        | 5         | Distt HQ + 3 Sub div HQ |
| Lahaul Spiti | 3         | Distt HQ + 3 Sub div HQ |
| Mandi        | 12        | Distt HQ + 6 Sub div HQ |
| Shimla       | 11        | Distt HQ + 5 Sub div HQ |
| Sirmaur      | 7         | Distt HQ + 4 block HQ   |
| Solan        | 6         | Distt HQ + 3 Sub div HQ |
| Una          | 5         | Distt HQ + 3 block HQ   |

# Districts with Industrial Areas to Prepare scenario like this for one MAH unit (short ppt by Industry & DDMA)

- Incident due to EQ
- Situation – Danger due to chemical and persons
- On site emergency plan details – Resources in eqpt & pers; Action
- Mutual aid scheme
- Addl trained pers requisitioned
- Spills to off site
- Off site emergency plan
- Photos and maps
- One district to present (nominate)

## Scenario 1: Industrial Disaster in Baddi, District Solan

An industrial disaster strikes in Baddi, District Solan due to inundation caused by heavy precipitation in upper catchment, as a result of an ammonia gas leakage at the Vardhman Auro Textile Ltd. facility. The incident occurs when an ammonia storage tank is breached due to a malfunction, and the sprinkler system fails to activate, exacerbating the situation.

### Initial Information

1. 40 workers are seriously affected by the exposure to the toxic gas.
2. The wind direction is southeast, potentially carrying the gas towards populated areas.
3. It is estimated that approximately 15,000 people could be affected by the gas leakage.
4. The mobile telecommunication infrastructure is disrupted due to monsoon.
5. The water level in the Balad River has risen, causing a Mandabla & Baddi Barrier bridge to collapse in Baddi. The bridge collapse affected connectivity of the industrial area in Baddi with Haryana and Chandigarh.
6. Around 600 migrant labours residing along the Balad River required to evacuate to safer places and require immediate staying arrangements.
7. The local hospital has a capacity of 30 beds which is already full
8. More than 300 people have been severely affected by the linkage of toxic gas and urgently require hospitalization.



## Response to the situation

- Activation of On-Site/Off-site Emergency Plans- what is envisaged?
- Evacuation Plan of District Administration?
- Medical Response?
- Response of the Fire & Emergency Services?
- Mobilization of NDRF & other response Agencies?
- Decontamination of the affected area – plan thereof
- EIA & – Restoration Measure – who and how to be done?



# All Districts to Prepare min one scenario Like this for Landslide

## - Situation & Analysis

- What has happened – landslide on – over a stretch of ---
- Impact – houses; vehicles and individuals
  - people stranded; incl tourists
  - routes blocked

## - Response

- Was there a prep response plan in place
  - Overall responsibility & agencies involved
  - Resources being deployed and from where
  - Medical
  - Use of volunteers
  - Relief incl temp shelter
  - Road restoration & debris clearance
  - Alternate routes & traffic cont
- Districts to prep short ppt - Must have maps and site photos
- Will discuss one which is imp; state to nominate

## Scenario w.r.t. Landslide



Chamba

## Situational Analysis

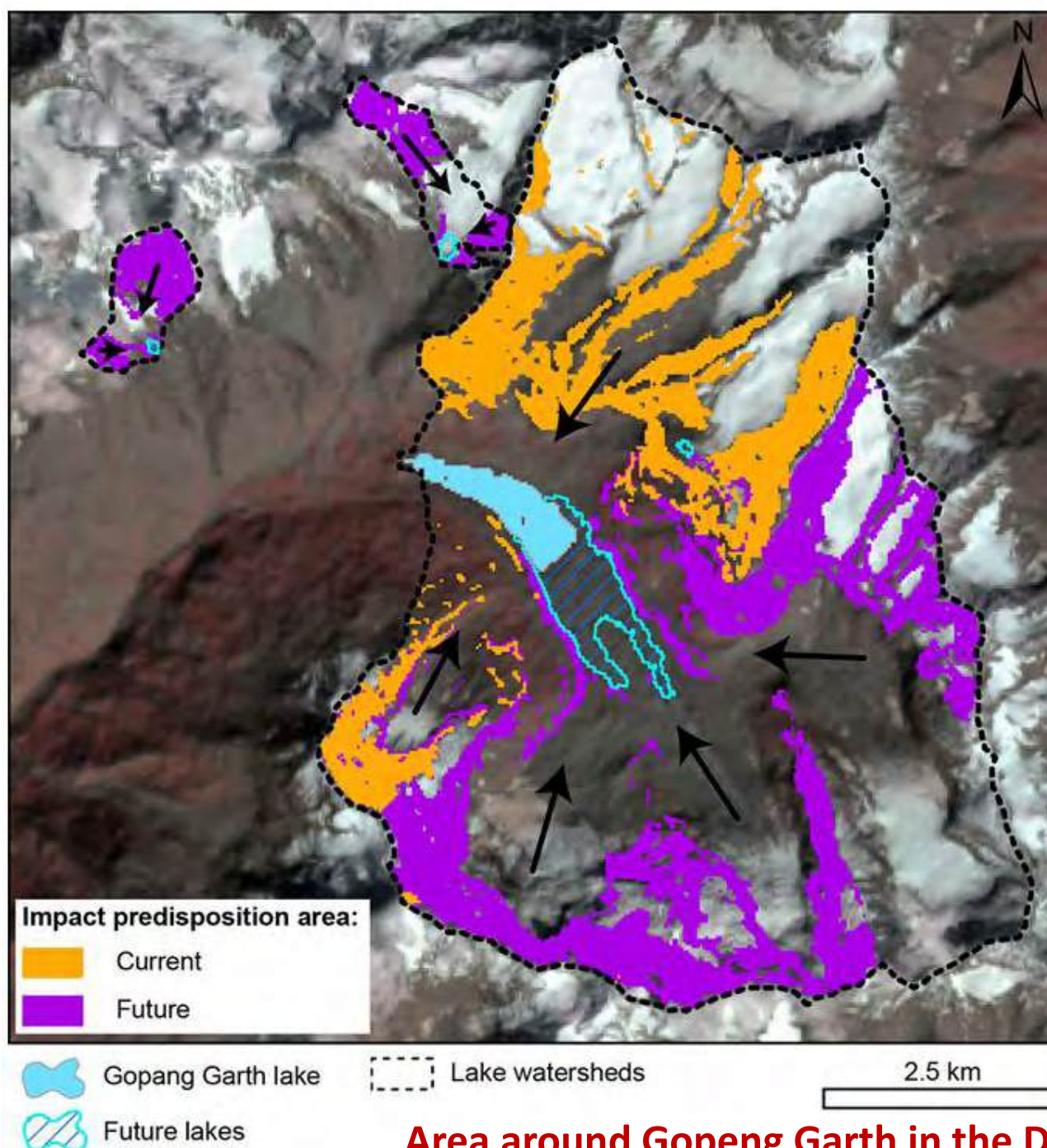
- **Situation Overview**
- **Time and Date:** 20th August around 5 PM during peak monsoon season.
- **Weather Conditions:** Heavy rainfall for the last three days.
- **Incident:** Landslide on the right bank of Ravi River near village Sanh
- **Impact:**
  - Landslide from the uphill slope
  - Road connectivity to village Sanh blocked
  - Temporary lake is formed in the Ravi River and water column is rising very fast. It has already reached almost 2 KM length and likely to breach shortly taking down huge volume of water and trees with it
  - Chamba – Bharmaur road connectivity is also disrupted due to landslide at various location
  - Electricity Power House on the right bank of Ravi river is under great threat
  - Electricity Transmission line damaged
  - Dams of Chamera – III/II/I are already at the danger mark due to heavy rain
  - Ranjit Sagar Dam at Punjab downstream almost to its full capacity
  - Famous Mani Mahesh Yatra is going on and Bara Nauhan is in full swing – More than 50,000 pilgrims are in and around Bharmour area
  - The adjoining areas of Punjab and J&K are also under threat during the dewatering process of the lake
  - Villages, habitations, bridges, road and other infrastructure downstream near river bank may be threatened

## Immediate Response

- Action Plan of the District Administration to meet out such Eventualities and preparatory actions w.r.t.
  - Early Warning to villages downstream
  - Warning to pilgrim tourists and their evacuation along the major highways.
  - Restoration of Roads and Communication
  - Setting up of relief camps
  - Communication with the Air Force for airlifting of stranded pilgrim tourists and dropping of medical add essential commodities.
  - Availability of boats
- Action plan to alert and evacuate tourist and the vehicles.
- Action plans of the Hydropower companies
- Response Plan for the low lying areas along the Ravi river.
- Mechanism for interdistrict coordination with the administration of Kangra and alerts to the adjoining areas of Punjab and J&K.
- Plan for the mobilization of resources, responders, evacuation, setting up of relief camps, and safety infrastructure etc.

**Affected Districts to  
Prepare min one scenario**

- Hazard & risk mapping
- **Monitoring**
- Early Warning
- **Worst case scenario**
- **Awareness**
- **Preparedness - response**



**Area around Gopang Garth in the District of Lahaul and Spiti**



# OBSERVERS



TO BE DETAILED FROM **ELEMENTS DEPLOYED IN THE DISTRICT OF:-**

1. Army/AR/IAF;
2. NDRF;
3. CRPF/ BSF
4. SEOC – Chief Observer (Comdt, NDRF)
5. In each District observers as under:-
  - a) Senior Observer – at EOC (to also visit Hospital & Relief Camp).
  - b) At each simulation site – 09 observers (01 for each site)
  - c) One observer - for ICP, MAP, Staging Area combined.

**NOTE.** In case not available from central organisations, detail officer from State Police/F&ES.



# **ROLE OF OBSERVERS**





# Summary of Broad Action Expected – Each Site

(Every District – min 09 Sites With Simulated Damage)



| <u>S.No</u> | <u>Place</u>   | <u>Response</u>   |
|-------------|--|---|
| 1.          | School   | <ul style="list-style-type: none"><li>• ‘Duck-Cover-Hold’</li><li>• Damage Assessment &amp; Reporting</li><li>• Mobilisation of response – Evacuation, SAR, CASEVAC</li><li>• Fire-fighting / damage control (as applicable)</li><li>• Restoration activities</li></ul>   |
| 2.          | Govt Office  |   |
| 3.          | Residential Area/Market                                    |   |
| 4.          | Hospital   | <ul style="list-style-type: none"><li>• Duck-Cover-Hold’</li><li>• Activate DM plan - build Surge capacity &amp; re-organisation</li><li>• Damage Assessment &amp; Reporting</li><li>• Mobilisation of response – relocation of patients, SAR</li><li>• Quick restoration – medical facility, electricity, water</li></ul>                  |
| 5.          | Landslides/Bridge/<br>Dam/Petrol Pump/<br>HAZCHEM Response | <ul style="list-style-type: none"><li>• Damage Assessment &amp; Reporting</li><li>• Mobilisation of response – Evacuation, Fire fighting (as reqd) SAR, CASEVAC</li><li>• Seeking &amp; deployment of additional resources</li><li>• Road functionality restoration – in case of landslide &amp; bridge</li><li>• Relief measures</li></ul> |



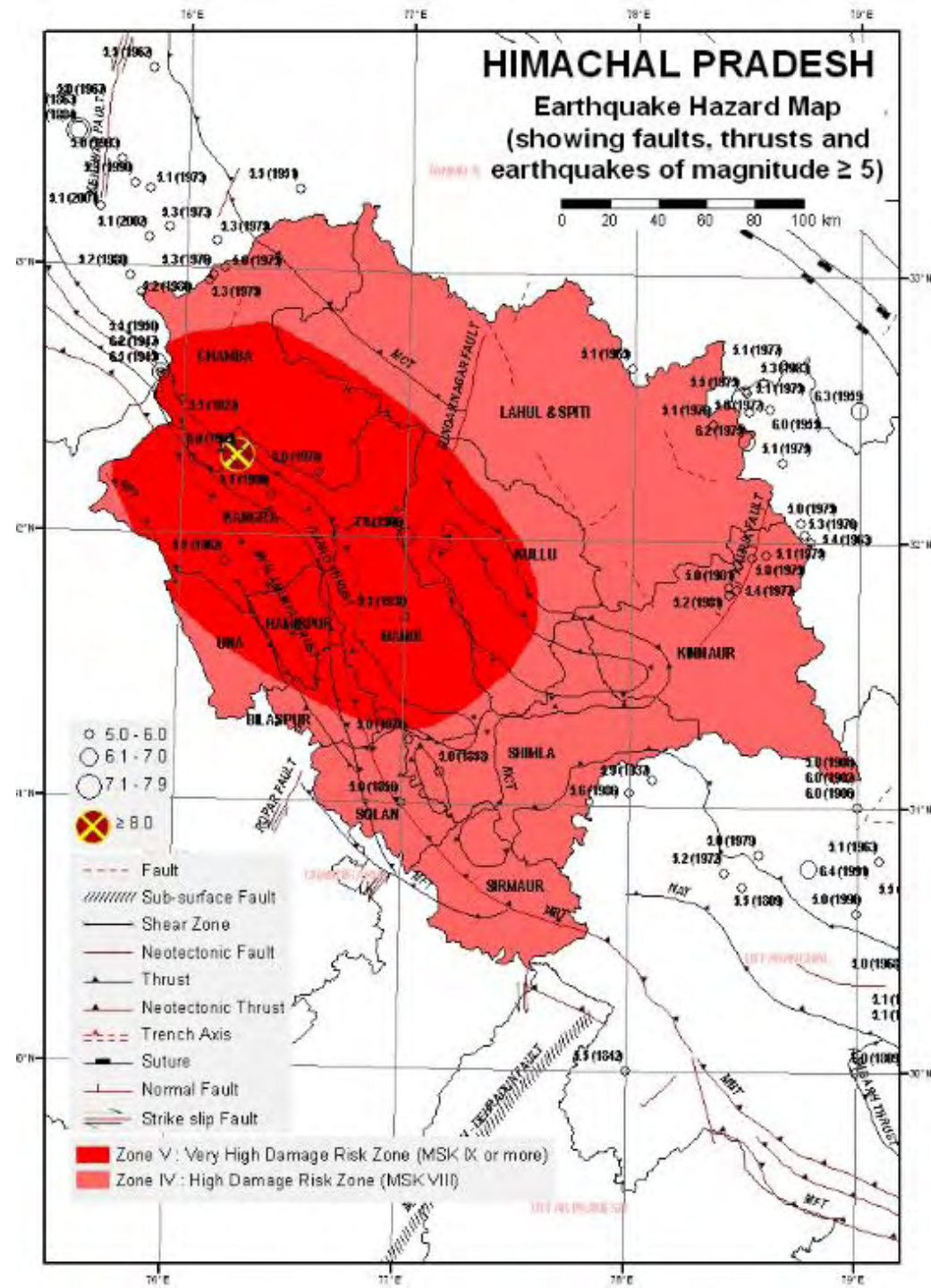
LEAD CONSULTANT NDMA

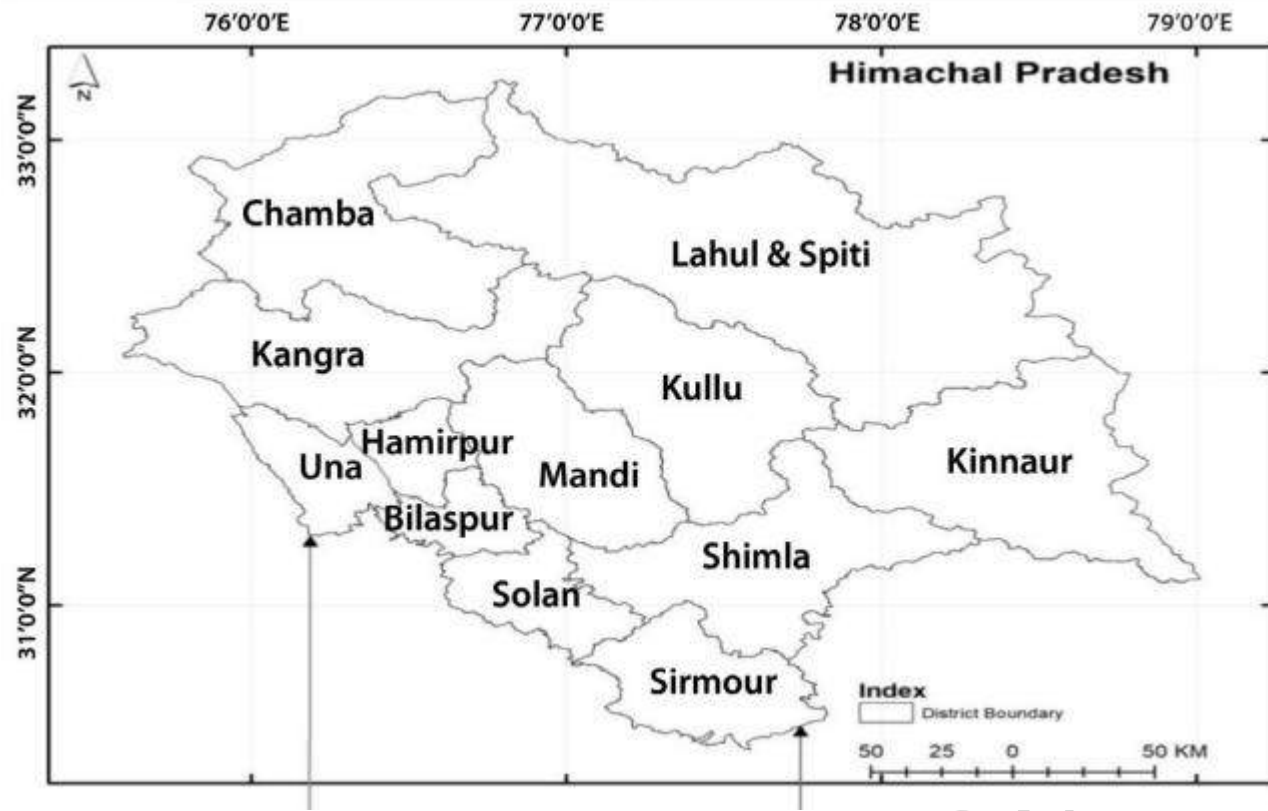
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LEAD CONSULTANT NDMA

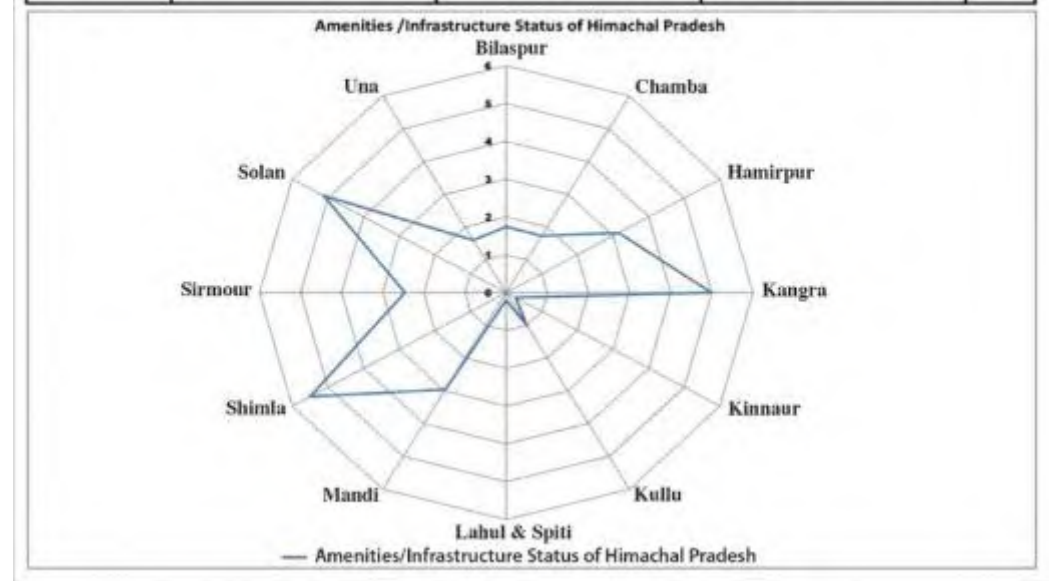


LEAD CONSULTANT NDMA





four districts namely Kangra, Mandi, Hamirpur and Bilaspur have entire area under very high risk seismic zone. About 50 percent area of districts Chamba, Kullu, Una and Solan came under the very high risk zone (zone V). The Figure 3 further revealed that the Kinnaur and Sirmour districts have about 100 percent area under high-risk seismic zone (zone IV). Although Shimla district has 75 percent area under high risks zone and remaining 25 percent area under very high seismic zone. It is also evident from the above discussion that about 40 percent area of the study area under the very high risk zone and 60 percent came under the high risk zone respectively.





The re-entrant, lack of continuity or “inside” corner (see this bldg) is the common characteristic of overall building configuration that, in plan, assume the shape of an L, T, H, +, or combination of these shapes.



Structural irregularities are present in the building at Kangra district



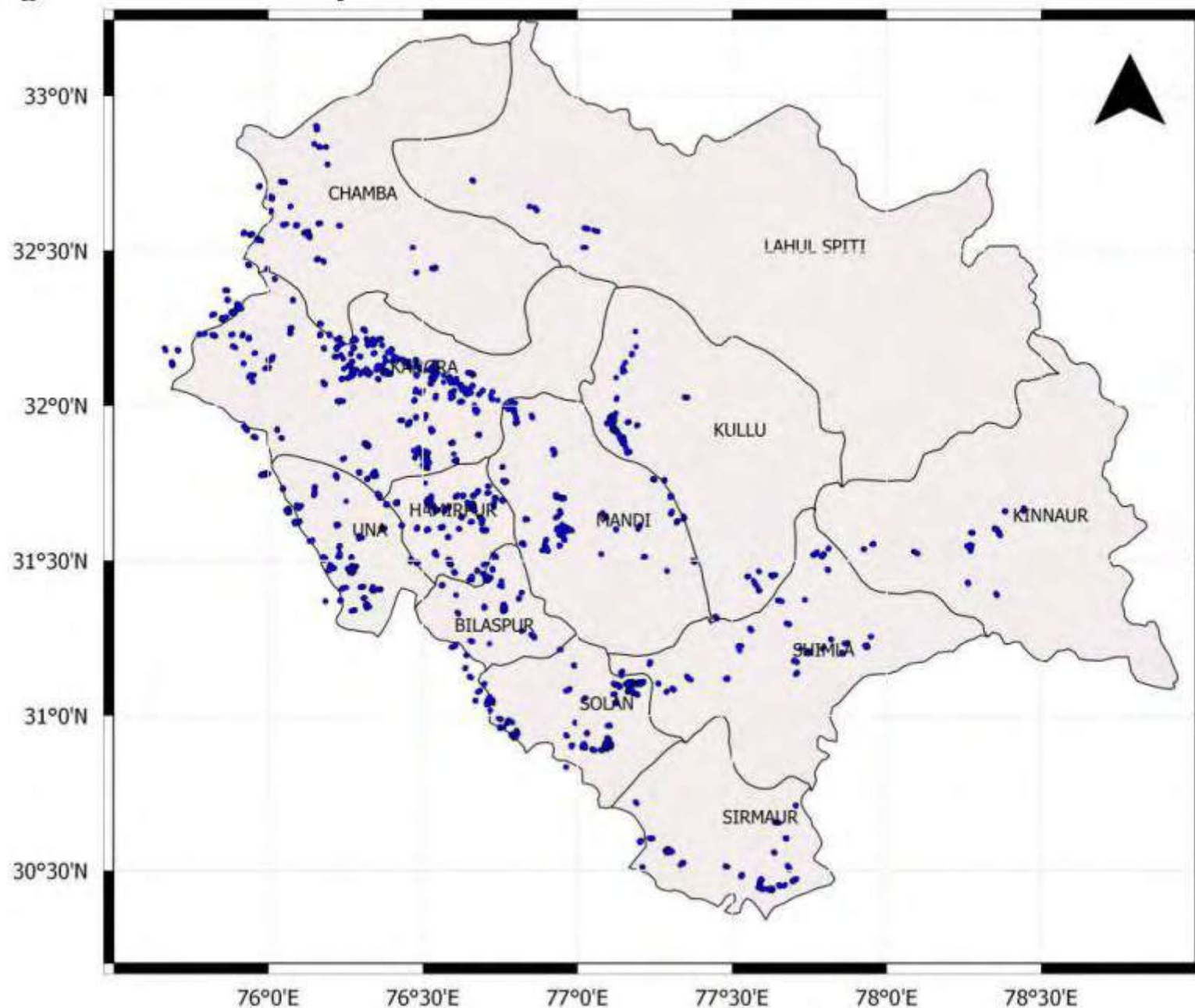
Heavy overhangs are present on the top of structure

The risk of building increases, as the softness of soil increases.  
If the soil is sandy and is saturated with ground water, there is a possibility of liquefaction during earthquakes as the soil loses its firmness and behaves as a jelly

## Falling Hazards





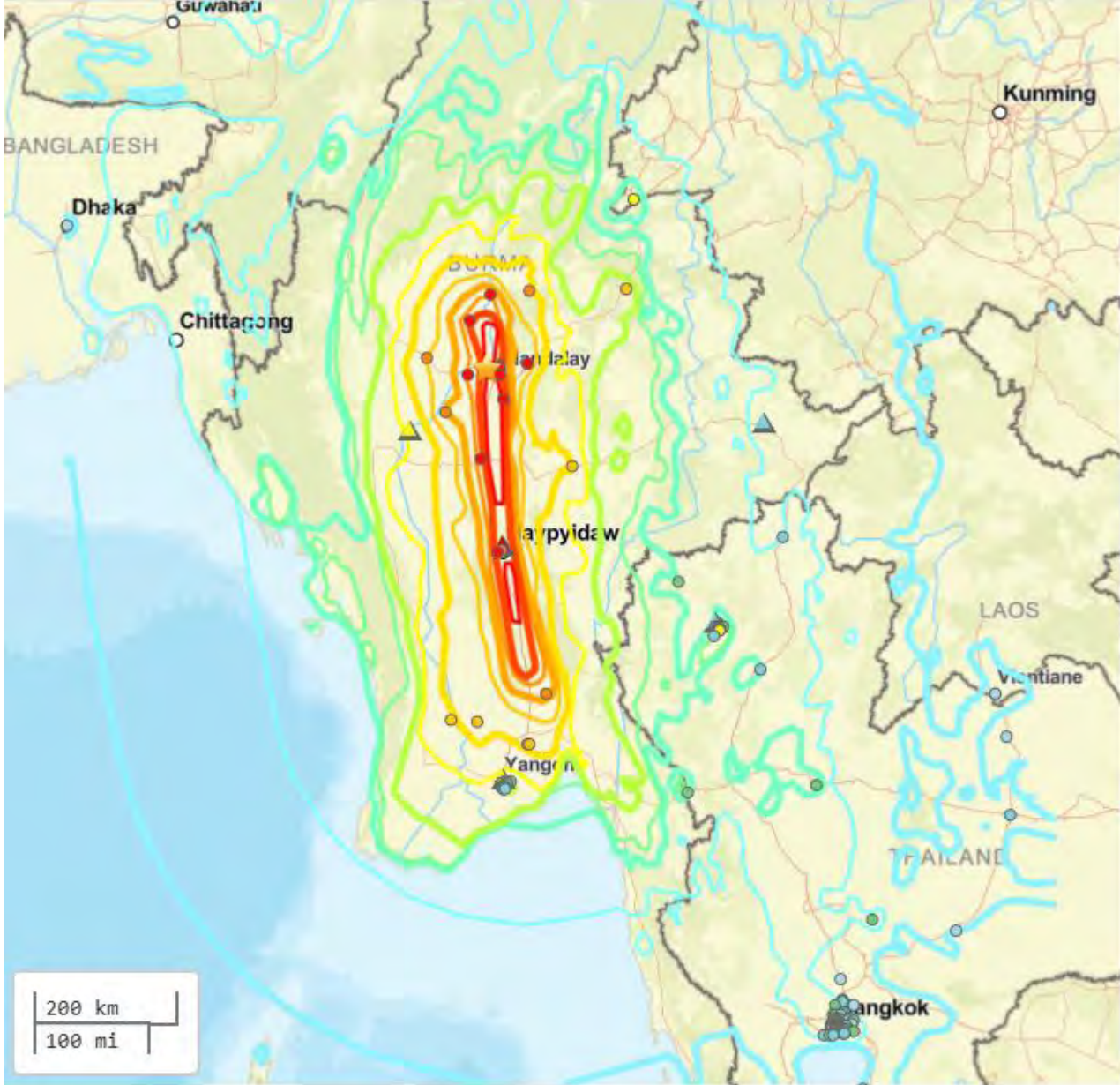


survey 9099 building in Himachal Pradesh. The above buildings include five varieties of buildings namely, brick masonry, reinforced concrete, hybrid, stone masonry and rammed earth buildings. The location of buildings considered in this analysis shown in figure

Results of the performance scores reveal that around 17% (1541 out of 9099) of buildings are reinforced concrete, 48% (4363 out of 9099) of buildings are brick masonry, 15% (1341 out of 9099) of buildings are stone masonry, 5% (518 out of 9099) of buildings are rammed earth and 15% (1318 out of 9099) of buildings are hybrid in the whole state of Himachal Pradesh. However, there are some low RVS score buildings which are potentially vulnerable to future earthquakes. Also it is suggested that preliminary analysis needs to be performed on 47 buildings and detailed analysis for 15 buildings for calibrating RVS scores. Finally all the buildings will be categorized in a few performance factors categories. After developing the fragility curves for the region, damage due to different ground acceleration of earthquakes will be estimated.

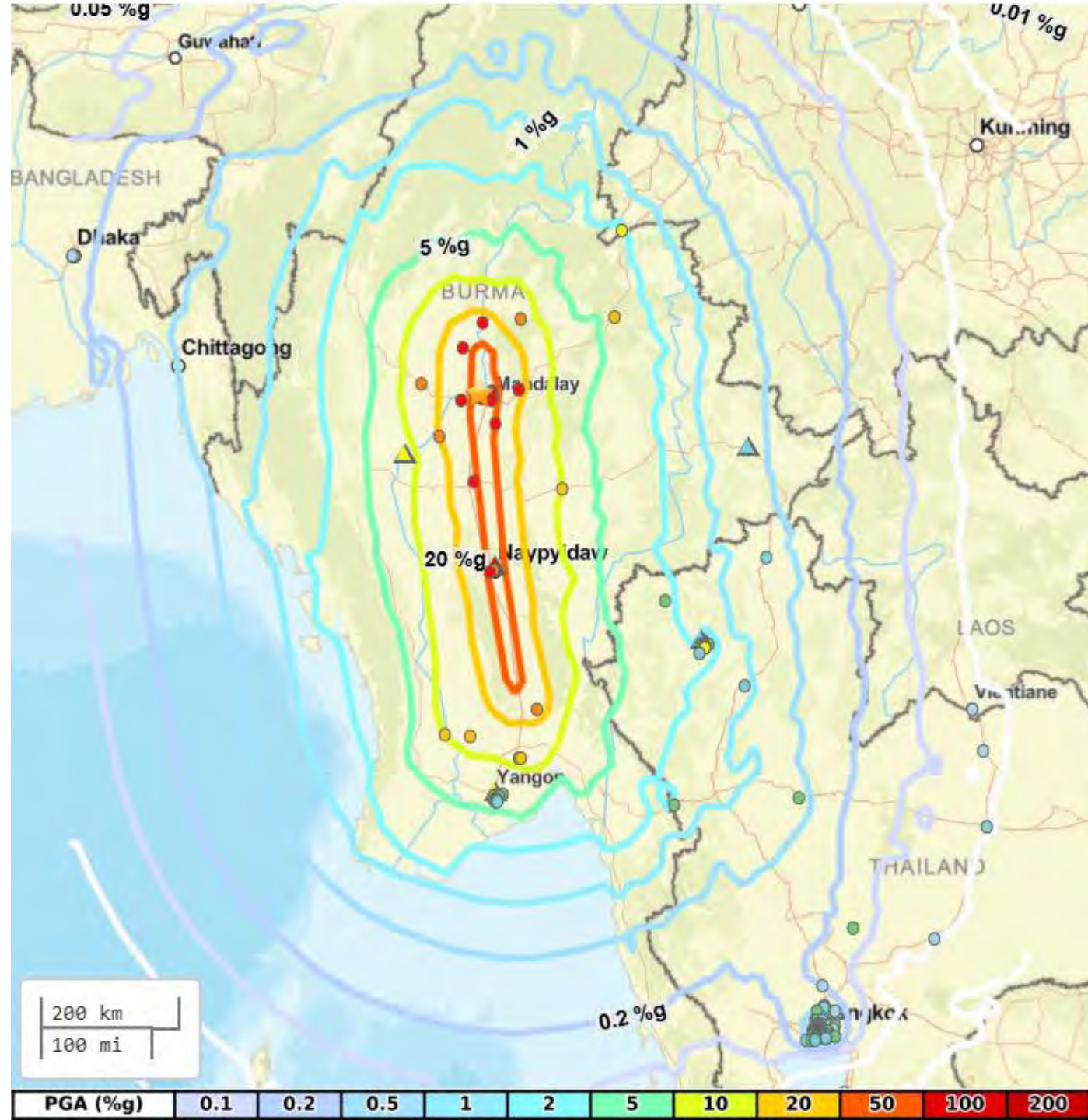


- M 7.7 - Mandalay, Myanmar Eq
- 2025-03-28 06:20:52 (UTC)
  - 22.001°N 95.925°E
  - 10.0 km depth



|           |          |        |       |            |        |             |                |         |            |
|-----------|----------|--------|-------|------------|--------|-------------|----------------|---------|------------|
| SHAKING   | Not felt | Weak   | Light | Moderate   | Strong | Very strong | Severe         | Violent | Extreme    |
| DAMAGE    | None     | None   | None  | Very light | Light  | Moderate    | Moderate/heavy | Heavy   | Very heavy |
| PGA(%g)   | <0.0464  | 0.297  | 2.76  | 6.2        | 11.5   | 21.5        | 40.1           | 74.7    | >139       |
| PGV(cm/s) | <0.0215  | 0.135  | 1.41  | 4.65       | 9.64   | 20          | 41.4           | 85.8    | >178       |
| INTENSITY | I        | II-III | IV    | V          | VI     | VII         | VIII           | IX      | X+         |

PGA





# M 7.7, 2025 Mandalay, Burma (Myanmar) Earthquake

Origin Time: 2025-03-28 08:20:52 UTC (Fri 12:50:52 local)

Location: 22.0014° N 95.9247° E Depth: 10.0 km

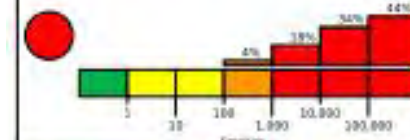
7.7

PAGER

Version 22

Created: 2 weeks, 4 days after earthquake

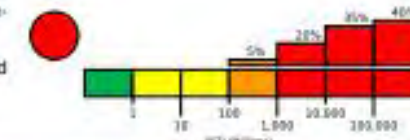
## Estimated Fatalities



Red alert for shaking-related fatalities and economic losses. High casualties and extensive damage are probable and the disaster is likely widespread. Past red alerts have required a national or international response.

Estimated economic losses may exceed the GDP of Burma.

## Estimated Economic Losses

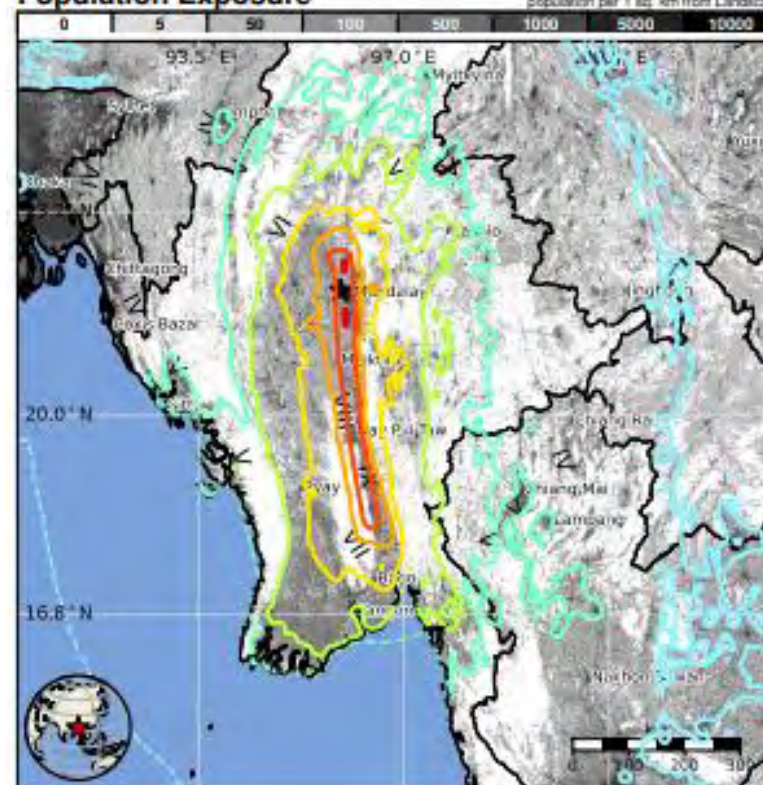


## Estimated Population Exposed to Earthquake Shaking

| ESTIMATED POPULATION EXPOSURE (k±1000) | —                     | 32,989k* | 163,709k* | 24,656k  | 20,277k  | 8,788k      | 3,637k     | 5,801k     | 415k     |
|--|-----------------------|----------|-----------|----------|----------|-------------|------------|------------|----------|
| ESTIMATED MODIFIED MERCALLI INTENSITY  | I                     | II-III   | IV        | V        | VI       | VII         | VIII       | IX         | IX+      |
| PERCEIVED SHAKING                      | Not felt              | Weak     | Light     | Moderate | Strong   | Very Strong | Severe     | Violent    | Extreme  |
| POTENTIAL DAMAGE                       | Resistant Structures  | None     | None      | None     | V. Light | Light       | Moderate   | Mod./Heavy | Heavy    |
|  | Vulnerable Structures | None     | None      | None     | Light    | Moderate    | Mod./Heavy | Heavy      | V. Heavy |

\*Estimated exposure only includes population within the map area.

## Population Exposure



## Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking though resistant structures exist. The predominant vulnerable building types are informal (metal, timber, GI etc.) and unreinforced brick masonry construction.

## Historical Earthquakes

| Date (UTC) | Dist. (km) | Mag. | Max MMI(±) | Shaking Deaths |
|------------|------------|------|------------|----------------|
| 1977-05-12 | 310        | 5.9  | VII(4k)    | 0              |
| 1995-07-11 | 329        | 6.8  | VI(3k)     | 11             |
| 1988-11-06 | 386        | 7.0  | IX(20k)    | 730            |

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

## Selected City Exposure

from GeoNames.org

| MMI | City        | Population |
|-----|-------------|------------|
| IX  | Singapore   | 5.7M       |
| IX  | Pyy         | 40k        |
| IX  | Saonthein   | 100k       |
| IX  | Rhensana    | 50k        |
| IX  | Hyasana     | 50k        |
| IX  | Nay Pyl Taw | 300k       |
| V   | Yangon      | 4,478k     |
| V   | Bangkok     | 5,104k     |
| IV  | Chittagong  | 3,920k     |
| IV  | Kunming     | 3,855k     |
| III | Dhaka       | 10,356k    |

### Details of the Simulation Sites

| District | Type of Scenario  | Sub Division Name | Simulation Site Name (Scenario)   |
|----------|-------------------|-------------------|---|
| Bilaspur | Dam Failure       | HQ/Sadar          | 1. NTPC Koldam- Dam damage due to EQ<br>2. Housing Boarding Colony- Building Collapse<br>3. Regional Hospital Bilaspur-Building Collapse<br>4. AIIMS Bilaspur-Patient Surge<br>1. Title of Scenario -Dam Failure due to Earthquake, Building Collapse<br>Earthquake Evacuation<br>2. Triggering Event (Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (Block-Sadar/Sub Div-Sadar/Village-Barmana)<br>4. Estimated Affected Population-1800<br>5. Critical Infrastructure at Risk (bridges, Civil hospitals, GSSS Barmana, Koldam)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (Not available)<br>10. Any Past Incidents in the Region (reference year) |
|          | Fire/Earthquake   | Ghumarwin         | GDC Ghumarwin - Fire/Earthquake Evacuation<br>1. Title of Scenario -Fire/Earthquake Evacuation<br>2. Triggering Event ( Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (Ghumarwin/Sub Div.-Ghumarwin/Village-Kallari)<br>4. Estimated Affected Population-650<br>5. Critical Infrastructure at Risk (Building Collapse due to earthquake)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (Not available)<br>10. Any Past Incidents in the Region (reference year)   |
|          | Building Collapse | Jhandhuta         | Civil Hospital Jhandutta- Hospital Building Collapse<br>1. Title of Scenario-Hospital Building Collapse<br>2. Triggering Event (Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (Block-Jhandutta/Sub Div-Jhandutta/Village-Jhandutta)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (hospitals)<br>6. Immediate Needs and Response Challenges-<br>7. Lead Agencies & Coordination Points-<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (Not available)<br>10. Any Past Incidents in the Region (reference year)  |



|               |                                   |                                |  |
|---------------|-----------------------------------|--------------------------------|--|
|               | Earthquake evacuation             | Shri Naina Devi Ji at Swarghat | <p>Shri Naina Devi Temple- Earthquake Evacuation</p> <p>1. Title of Scenario -Earthquake Evacuation</p> <p>2. Triggering Event ( Earthquake of 8.0 magnitude)</p> <p>3. Probable Impact Area (block -Swarghat/sub-division- Swarghat/village Naina Devi)</p> <p>4. Estimated Affected Population-2200</p> <p>5. Critical Infrastructure at Risk (roads, Ropeway, hospitals, schools)</p> <p>6. Immediate Needs and Response Challenges</p> <p>7. Lead Agencies &amp; Coordination Points</p> <p>8. Suggested Response Strategy and Local Resources</p> <p>9. Map or Sketch (Not available)</p> <p>10. Any Past Incidents in the Region (Stampade-2008)</p> |
| <b>Chamba</b> | Fire                              | Bharmour                       | <p>GSSS Holi School Premises – Fire Simulation</p> <p>Triggering Event- Earthquake leads to Fire incident in chemistry lab of GSSS Holi.</p> <p>Probable Impact Area- Govt. Sr Sec. School Holi.</p> <p>Estimated Affected Population- 150</p> <p>Critical Infrastructure at Risk- School Building</p> <p>Immediate Needs and Response Challenges- Removal of debris, evacuation of school staff /Students and shifting to the medical facilities</p> <p>Lead Agencies &amp; Coordination Points- HG/ HPPWD/Health/NGO</p>   |
|               | Building Collapse                 | Bhattiyat                      | <p>Civil Hospital Chowari- Hospital Building Collapse</p> <p>Triggering Event- Earthquake leads to Civil Hospital Building Collapse</p> <p>Probable Impact Area- Bhattiyat Sub-Division.</p> <p>Estimated Affected Population- 5000</p> <p>Critical Infrastructure at Risk- Hospital,</p> <p>Immediate Needs and Response Challenges- Evacuation of patients, expansion of medical care facilities in other sections of the hospital, and safety of medical equipment.</p> <p>Lead Agencies - HG/ Police/HPPWD/Fire</p>  |
|               | Earthquake evacuation             | Salooni                        | <p>Salooni Bazar- Residential/Market Area – Earthquake evacuation</p> <p>Triggering Event- Earthquake leads to Collapse of various shops in Salooni Market resulted in Trapping of Civilians</p> <p>Probable Impact Area- Salooni Market area.</p> <p>Estimated Affected Population- 500 Approx.</p> <p>Critical Infrastructure at Risk- Essential Supplies,</p> <p>Immediate Needs and Response Challenges- Road &amp; debris Clearance, Evacuation of Citizen, establishment of temporary shelter</p> <p>Lead Agencies &amp; Coordination Points- CISF/HG/ HPPWD</p>   |
|               | Landslide & Communication Failure | Chamba                         | <p>Bagga Dam-Chamera II Dam – Landslide &amp; Communication Failure</p> <p>Triggering Event- Earthquake leads to Landslide &amp; Communication Failure</p> <p>Probable Impact Area- Chamba and Bharmour area.</p> <p>Estimated Affected Population- 50000</p> <p>Critical Infrastructure at Risk- NH154A road, Bridge,</p> <p>Immediate Needs and Response Challenges- Road Clearance, communication establishment</p> <p>Lead Agencies &amp; Coordination Points- CISF/HG/ HPPWD</p>  |

|  |  |           |  |
|--|--|-----------|--|
|  | Bridge Collapse                        | Chamba    | <p>Saal Khad Bridge- NH 154A-Bridge Collapse due to Earthquake</p> <p>Triggering Event- Earthquake leads to collapse of Saal Khad Bridge near to Chamba Sahu road</p> <p>Probable Impact Area- Chamba city, Tissa &amp; Salooni.</p> <p>Estimated Affected Population- 75000 apx.</p> <p>Critical Infrastructure at Risk- DH Chamba, Bridge, Road</p> <p>Immediate Needs and Response Challenges- Establishment of temporary road, Road Clearance,</p> <p>Lead Agencies &amp; Coordination Points- HPPWD</p>   |
|  | Fire                                   | Chamba    | <p>Bhuri Singh museum- Govt. Building – Fire Emergency</p> <p>Triggering Event- Earthquake leads to collapse of 1st floor, Bhuri Singh museum</p> <p>Probable Impact Area- Bhuri Singh museum</p> <p>Estimated Affected people- 50 staff &amp; Visitor</p> <p>Critical Infrastructure at Risk-</p> <p>Immediate Needs and Response Challenges- Clearing of debris, Fire in visitor lobby, Evacuation of trapped Staff and visitor</p> <p>Lead Agencies &amp; Coordination Points- HPPWD/Health/HG/Police</p>   |
|  | SAR Simulation & First Air with TRIAGE | Chamba    | <p>Govt Millennium Polytechnic-ITI – SAR Simulation &amp; First Air with TRIAGE</p> <p>Triggering Event- Earthquake leads to damage to electrical wing of ITI building</p> <p>Probable Impact Area- Govt Millennium Polytechnic</p> <p>Estimated Affected Population- 200 Students Approx.</p> <p>Critical Infrastructure at Risk- College building</p> <p>Immediate Needs and Response- Challenges-clearing of debris, establishment of Medical Health Post</p> <p>Lead Agencies &amp; Coordination Points- Health/HG/HPPWD</p>                       |
|  | Building Collapse                      | Dalhousie | <p>NHPC Ed Office Banikhet-Govt. Office Building Collapse</p> <p>Triggering Event- Earthquake leads to collapse of a portion of NHPC ED Office</p> <p>Probable Impact Area-ED Office NHPC.</p> <p>Estimated Affected Population- 50-60 Staff</p> <p>Critical Infrastructure at Risk- Office Building,</p> <p>Immediate Needs and Response Challenges- Road Clearance, communication establishment</p> <p>Lead Agencies &amp; Coordination Points- CISF/HG/ HPPWD</p>   |
|  | Avalanche                              | Pangi     | <p>Mini Secretariat killar pangi- Avalanche in Mini Secretariat killar pangi</p> <p>Triggering Event- Earthquake leads to Avalanche near to Mini Secretariat Pangi</p> <p>Probable Impact Area- Area near to Mini Secretariat.</p> <p>Estimated Affected Population- 250 Approx.</p> <p>Critical Infrastructure at Risk- Mini Secretariat and other residential building</p> <p>Immediate Needs and Response Challenges- debris Clearance , restoration of electricity and water supply.</p> <p>Lead Agencies &amp; Coordination Points- HG/ HPPWD</p> |

|          |                   |        |  |
|----------|-------------------|--------|--|
| Hamirpur | Building Collapse | HQ     | <p>1) RKGMC Hamirpur- Building Collapse</p> <ol style="list-style-type: none"> <li>1. Title of Scenario (Collapse of one section of RKGMC Hospital and there is also a need to expand the capacity of Hospital for medical services)</li> <li>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (MC Hamirpur and All Sub Divisions)</li> <li>4. Estimated Affected Population (50000)</li> <li>5. Critical Infrastructure at Risk (hospitals)</li> <li>6. Immediate Needs and Response Challenges Evacuation of patients, expansion of medical care facilities in other sections of the hospital, and safety of medical equipment.</li> <li>7. Lead Agencies &amp; Coordination Points (Police and Home Guards will be responsible for the initial response, followed by NDRF and SDRF for further operations, under the coordination of the SDM and Medical Superintendent.</li> <li>8. Suggested Response Strategy and Local Resources (NGOs and Local Volunteers)</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (NO)</li> </ol> |
|          | Building Collapse | Barsar | <p>2) Shastri Nagar Chakmoh</p> <ol style="list-style-type: none"> <li>1. Title of Scenario (Collapse of College Building)</li> <li>2. Triggering Event (Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (Sub Division Barsar)</li> <li>4. Estimated Affected Population (450)</li> <li>5. Critical Infrastructure at Risk -</li> <li>6. Immediate Needs and Response Challenges:- ( Evacuation of students and staff, shifting to medical facilities )</li> <li>7. Lead Agencies &amp; Coordination Points: (Police and Home Guards will be responsible for the initial response, followed by NDRF and SDRF for further operations, under the coordination of the SDM .</li> <li>8. Suggested Response Strategy and Local Resources (NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (NO)</li> </ol>  |
|          | Landslide         | Barsar | <p>3. Baba Balak Nath Temple Deotsidh Taxi Stand Ground-Landslide 1.</p> <ol style="list-style-type: none"> <li>1. Title of Scenario (Landslide near the parking area of Baba Balaknath Temple resulting in the burial of some vehicles.)</li> <li>2. Triggering Event (Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (Sub Division Barsar)</li> <li>4. Estimated Affected Population (50 to 100)</li> <li>5. Critical Infrastructure at Risk -</li> <li>6. Immediate Needs and Response Challenges:- ( Removal of debris, search and rescue of victims, road clearance, and provision of medical aid.)</li> <li>7. Lead Agencies &amp; Coordination Points: (Police, HPPWD, and Home Guards will be responsible for the initial response, followed by NDRF and SDRF for further operations, under the coordination of the SDM .</li> <li>8. Suggested Response Strategy and Local Resources (Temple Trust, NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (NO)</li> </ol>                      |

|  |                   |          |  |
|--|-------------------|----------|--|
|  | Building Collapse | Bhoranj  | <p>4) GSSS Mandkhar - School Building Collapse</p> <ol style="list-style-type: none"> <li>1. Title of Scenario (Collapse of the school building)</li> <li>2. Triggering Event (Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (Sub Division Bhoranj)</li> <li>4. Estimated Affected Population (800)</li> <li>5. Critical Infrastructure at Risk -</li> <li>6. Immediate Needs and Response Challenges:- ( Removal of debris, evecuation of school staff and shifting to the medical facilities.)</li> <li>7. Lead Agencies &amp; Coordination Points: (Police, HPPWD, and Home Guards will be responsible for the initial response, followed by NDRF and SDRF for further operations, under the coordination of the SDM .</li> <li>8. Suggested Response Strategy and Local Resources ( NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (NO)</li> </ol>                      |
|  | Fire              | Bhoranj  | <p>5) GSSS Badhani -Fire</p> <ol style="list-style-type: none"> <li>1. Title of Scenario (Fire in the school building)</li> <li>2. Triggering Event (Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (Sub Division Bhoranj)</li> <li>4. Estimated Affected Population (650)</li> <li>5. Critical Infrastructure at Risk -</li> <li>6. Immediate Needs and Response Challenges:- ( Putting Off fire, evecuation of school staff and shifting to the medical facilities.)</li> <li>7. Lead Agencies &amp; Coordination Points: (Fire, Police, HPPWD, and Home Guards .)</li> <li>8. Suggested Response Strategy and Local Resources (NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (NO)</li> </ol>   |
|  | Building Collapse | Hamirpur | <p>6) Bus Stand Hamirpur-Building Collapse</p> <ol style="list-style-type: none"> <li>1. Title of Scenario (Collapse of Bus Stand Building)</li> <li>2. Triggering Event (Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (Sub Division Hamirpur)</li> <li>4. Estimated Affected Population (300)</li> <li>5. Critical Infrastructure at Risk - Bus Stand Building</li> <li>6. Immediate Needs and Response Challenges:- ( Evacuation of travelers, transfer to medical facilities and restoration of transport services.)</li> <li>7. Lead Agencies &amp; Coordination Points: (Police and Home Guards will be responsible for the initial response, followed by NDRF, Army and SDRF for further operations, under the coordination of the SDM .</li> <li>8. Suggested Response Strategy and Local Resources (NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (NO)</li> </ol> |
|  | Fire              | Nadaun   | <p>7) Yashpal Sahitya Sanskriti Sadan Nadaun-Fire</p> <ol style="list-style-type: none"> <li>1. Title of Scenario (Fire Incident)</li> <li>2. Triggering Event (Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (Sub Division Nadaun)</li> <li>4. Estimated Affected Population (30 to 40)</li> <li>5. Critical Infrastructure at Risk -</li> <li>6. Immediate Needs and Response Challenges:- ( Putting off fire, Evacuation of stranded persons, shifting to medical facilities , Saving sarounding infrastructure)</li> <li>7. Lead Agencies &amp; Coordination Points: ( Fire, Police and Home Guards.)</li> <li>8. Suggested Response Strategy and Local Resources (NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (NO)</li> </ol>   |



|        |                   |                 |   |
|--------|-------------------|-----------------|---|
|        | Evacuation        | Nadaun          | <p>8) Village Kohla- Evacuation of Village</p> <ol style="list-style-type: none"> <li>1. Title of Scenario (Due to damage to the Pandoh Dam, the villagers are required to be evacuated and shifted to a relief camp.)</li> <li>2. Triggering Event (Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (Sub Division Nadaun)</li> <li>4. Estimated Affected Population (450)</li> <li>5. Critical Infrastructure at Risk -</li> <li>6. Immediate Needs and Response Challenges:- ( Evacuation of villagers, setting up of relief camp )</li> <li>7. Lead Agencies &amp; Coordination Points: (Police and Home Guards.)</li> <li>8. Suggested Response Strategy and Local Resources (NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (NO)</li> </ol>   |
|        | Building Collapse | Sujanpur        | <p>9) Mini Secretariat Office Sujanpur-Building Collapse</p> <ol style="list-style-type: none"> <li>1. Title of Scenario (Collapse of Mini Secretariat Building)</li> <li>2. Triggering Event (Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (Sub Division Sujanpr)</li> <li>4. Estimated Affected Population (300)</li> <li>5. Critical Infrastructure at Risk - Mini Secretariat Office Sujanpur</li> <li>6. Immediate Needs and Response Challenges:- ( Evacuation of staff and visitors, shifting to medical facilities, removal of debris, and search and rescue operations)</li> <li>7. Lead Agencies &amp; Coordination Points: (Police and Home Guards will be responsible for the initial response, followed by NDRF and SDRF for further operations, under the coordination of the SDM.)</li> <li>8. Suggested Response Strategy and Local Resources (NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (NO)</li> </ol> |
|        | Evacuation        | Sujanpur        | <p>Jol Plahi -Evacuation of Village</p> <ol style="list-style-type: none"> <li>1. Title of Scenario (Due to damage to the Pandoh Dam, the villagers are required to be evacuated and shifted to a relief camp)</li> <li>2. Triggering Event (Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (Sub Division Sujanpur)</li> <li>4. Estimated Affected Population (400)</li> <li>5. Critical Infrastructure at Risk -</li> <li>6. Immediate Needs and Response Challenges:- ( Evacuation of students and staff, shifting to medical facilities )</li> <li>7. Lead Agencies &amp; Coordination Points: (Police, Home Guards, and allied departments, under the coordination of the SDM.)</li> <li>8. Suggested Response Strategy and Local Resources (NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (NO)</li> </ol>   |
| Kangra |                   | HQ /Dharamshala | <p><b>1) Pillar No 4 Ropeway Dharamshala1.</b></p> <ol style="list-style-type: none"> <li>1. Title of Scenario Landslide</li> <li>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (Dharamshala/sub-division Dharamshala/village kotwali )</li> <li>4. Estimated Affected Population 200</li> <li>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, kotwali bazar water supply, electercity connectivity .)</li> <li>6. Immediate Needs and Response Challenges JCBs, Tippers, Crane, Ambulances, SAR Team, Police, First Responders, SDRF etc.</li> <li>7. Lead Agencies &amp; Coordination Points Police, Fire Services, Home Guards, SDRF, NDRF, Youth Volunteers, NSS, NCC, Aapda Mitra Volunteers, local agency etc.</li> </ol>  |

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|  |           |  | 8. Suggested Response Strategy and Local Resources Police SDRF volunteers ,Local Authorites Safe Evacuation, Search and Rescue Operation, provide the medical first aid, youth volunteers, ex-servicesman volunteering etc.   |
|  | Landslide |  | Kirpu Mod Jogiwara,McLeodganj<br>1. Title of Scenario Landslide<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block Dharamshala /sub-division Dharamshala/village Jogiwara<br>4. Estimated Affected Population 3000<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, Taxi Stand,Hotel.)<br>6. Immediate Needs and Response Challenges JCBs, Tippers, Crane, Ambulances, Police, First Responders, SDRF etc.<br>7. Lead Agencies & Coordination Points SDRF, NDRF.and Health, Police, Fire Services, Home Guards, SDRF, NDRF, Youth Volunteers, NSS, NCC, Aapda Mitra Volunteers etc.<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year) |
|  | Landslide |  | Indrunag Temple<br>1. Title of Scenario Landslide<br>2. Triggering Event (e.g., Earthquake of 4.0 magnitude)<br>3. Probable Impact Area(block Dharamshala /sub-division Dharamshala/village indrunag<br>4. Estimated Affected Population 500<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, )<br>6. Immediate Needs and Response Challenges SDRF, NDRF.and Health, JCBs, Crane, Ambulances, Police, First Responders, SDRF etc<br>7. Lead Agencies & Coordination Points Police, Fire Services, Home Guards, SDRF, NDRF, Youth Volunteers, NSS, NCC, Aapda Mitra Volunteers etc.<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)  |
|  | Flood     |  | PODRDA Office<br>1. Title of Scenario Flood<br>2. Triggering Event Triggering Event- Earthquake leads to Building collapse & Communication Failure<br>3. Probable Impact Area Probable Impact Area- PO DRDA Office<br><br>4. Estimated Affected Population 200<br>5. Critical Infrastructure at RiskCritical Infrastructure at PO DRDA Office and road.<br>6. Immediate Needs and Response Challenges- Search, evacuation Road Clearance, communication establishment<br><br>7. Lead Agencies & Coordination Points- NDRF, Fire, Health, SDRF, Police, HPPW.<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (Manji khad 2023)   |

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|  |      | Bajnath  | Govt. Degree College Bajjnath<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)<br>10. Any Past Incidents in the Region (reference year)      |
|  | Fire | Dehra    | Govt. Degree College Bajjnath<br>1. Title of Scenario Fire<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)<br>10. Any Past Incidents in the Region (reference year) |
|  |      | Dheera   | Civil Hospital Thural<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)<br>10. Any Past Incidents in the Region (reference year)              |
|  |      | Fatehpur | Degree college Dehri<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)  |

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|  |  | Indora      | ITI Gangath<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)  |
|  |  | Jaisinghpur | GSSS, Balakrupi<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)  |
|  |  | Jawali      | Govt. ITI (Bhanei) Jawali<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)                                  |
|  |  | Jwalamukhi  | Jawalamukhi Town, Temple Premises and adjacent market area<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year) |



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|  |  | Kangra         | <p>Baner Khad</p> <ol style="list-style-type: none"> <li>1. Title of Scenario</li> <li>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (block/sub-division/village name)</li> <li>4. Estimated Affected Population</li> <li>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)</li> <li>6. Immediate Needs and Response Challenges</li> <li>7. Lead Agencies &amp; Coordination Points</li> <li>8. Suggested Response Strategy and Local Resources</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (reference year)</li> </ol>                          |
|  |  | Nagrota Bagwan | <p>Mother Teresa Global Convent School</p> <ol style="list-style-type: none"> <li>1. Title of Scenario</li> <li>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (block/sub-division/village name)</li> <li>4. Estimated Affected Population</li> <li>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)</li> <li>6. Immediate Needs and Response Challenges</li> <li>7. Lead Agencies &amp; Coordination Points</li> <li>8. Suggested Response Strategy and Local Resources</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (reference year)</li> </ol> |
|  |  | Nurpur         | <p>Arya Govt. Degree College Nurpur</p> <ol style="list-style-type: none"> <li>1. Title of Scenario</li> <li>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (block/sub-division/village name)</li> <li>4. Estimated Affected Population</li> <li>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)</li> <li>6. Immediate Needs and Response Challenges</li> <li>7. Lead Agencies &amp; Coordination Points</li> <li>8. Suggested Response Strategy and Local Resources</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (reference year)</li> </ol>    |
|  |  | Palampur       | <p>Saurabh Van Vihar Palampur</p> <ol style="list-style-type: none"> <li>1. Title of Scenario</li> <li>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (block/sub-division/village name)</li> <li>4. Estimated Affected Population</li> <li>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)</li> <li>6. Immediate Needs and Response Challenges</li> <li>7. Lead Agencies &amp; Coordination Points</li> <li>8. Suggested Response Strategy and Local Resources</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (reference year)</li> </ol>          |
|  |  | Shahpur        | <p>DAV Public School, Gohju</p> <ol style="list-style-type: none"> <li>1. Title of Scenario</li> <li>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (block/sub-division/village name)</li> <li>4. Estimated Affected Population</li> <li>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)</li> <li>6. Immediate Needs and Response Challenges</li> <li>7. Lead Agencies &amp; Coordination Points</li> <li>8. Suggested Response Strategy and Local Resources</li> <li>9. Map or Sketch (if available)</li> </ol>   |

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|                |            |                                      | 10. Any Past Incidents in the Region (reference year)<br>10. Any Past Incidents in the Region (reference year)  |
| <b>Kinnaur</b> | Evacuation | HQ Reckong Peo (Site 1)              | DC office, Kinnaur( Earthquake- Evacuation of injured people around 50, evacuation through rope rescue by HG, Fire, Aapda mitra volunteers, Youth volunteers )  |
|                | Evacuation | HQ Reckong Peo (Site 2)              | Residential area Near SDM residence, R/Peo ( Evacuation of injured people around 100, evacuation through rope rescue by HG, Fire, ITBP, SDRF, Army, Aapda mitra volunteers, Youth volunteers )  |
|                | Evacuation | HQ Reckong Peo (Site 3)              | Regional Hospital ( Earthquake - Evacuation and shifting of patients and increasing of surge capacity to 20 more evacuation by Fire, HG, ITBP, Aapda mitra volunteers )   |
|                | Evacuation | HQ Reckong Peo (Site 4)              | JNV, School ( Earthquake & Fire- Evacuation of injured students around 100, evacuation through rope rescue by HG, Fire, ITBP, SDRF, Army, Aapda mitra volunteers, Youth volunteers )  |
|                | GLOF       | Sub Division- Kalpa (Site 1)         | Karcham Dam(Glof Prediction early warning to residents and clearance of residential area near Karcham dam by local community people such as aapda mitra volunteers youth volunteers and JSW safety team)  |
|                | Landslide  | Sub Division- Nichar (Site 1)        | Nathpa land Slide point(Land slide and Rock fall, clearance of road by BRO by blasting of explosives safe evacuation of tourist by Army team, ITBP team and local administration)   |
|                | Rockfall   | Sub Division- Pooh (Site 1)          | Nesang Jhula (Rock Fall clarence of road by BRO by using , dumper dozer and other Heavy Earth moving equipments and evacuation of locals and tourist by ITBP, Hg and police)  |
|                |            | Stagging Area, Incident Command Post |   |
| <b>Kullu</b>   |            | DEOC                                 | District Emergency Opertaion Center at District Disaster Management Authority, Kullu  |
|                | Evacuation | Ani                                  | Anni – Naldera Residential Area<br>Title of Scenario: Evacuation of cracked buildings in Naldera residential area, Anni<br><br>Triggering Event: Earthquake of magnitude 8.0 on 6th June 2025<br><br>Probable Impact Area: Naldera Ward, Sub-Division Anni<br><br>Estimated Affected Population: Approx. 150 residents<br><br>Critical Infrastructure at Risk: Old houses, link road, power poles, water pipelines<br><br>Immediate Needs and Response Challenges: Safe evacuation, risk of |

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|  |           |        | <p>secondary collapse, relocation of elderly</p> <p>Lead Agencies &amp; Coordination Points: SDO JSV, Tehsildar Anni, ICP at Naldera ground</p> <p>Suggested Response Strategy and Local Resources: Community volunteers, school as relief point, social workers involved</p> <p>Map or Sketch (if available): Lat 31.4313 N, Long 77.4186 E (Google Pin)</p> <p>Any Past Incidents in the Region: -</p>   |
|  | Fire      | Banjar | <p>Title of Scenario: Fire in Govt. Degree College Banjar following Earthquake</p> <p>Triggering Event: Earthquake of magnitude 8.0 on 6th June 2025</p> <p>Probable Impact Area: Govt. College, Banjar, Sub-Division Banjar</p> <p>Estimated Affected Population: Approx. 250 students and staff</p> <p>Critical Infrastructure at Risk: College building, access roads, nearby electricity lines</p> <p>Immediate Needs and Response Challenges: Evacuation, crowd control, and fire containment</p> <p>Lead Agencies &amp; Coordination Points: Fire Dept., Police, College Admin, SDM Banjar (ICP)</p> <p>Suggested Response Strategy and Local Resources: Activate fire response, use Aapda Mitras, set up triage on college ground</p> <p>Map or Sketch (if available): Latitude 31.6340 N, Longitude 77.3374 E (Google Map Pin shared separately)</p> <p>Any Past Incidents in the Region: not recorded</p> |
|  | Landslide | Banjar | <p>Title of Scenario: Landslide near NHPC Stage-III Siund Dam following Earthquake</p> <p>Triggering Event: Earthquake of magnitude 8.0 on 6th June 2025</p> <p>Probable Impact Area: Sainj Valley, near Siund Dam, Sub-Division Banjar</p> <p>Estimated Affected Population: Approx. 100 people including NHPC staff and nearby villagers</p> <p>Critical Infrastructure at Risk: Dam control room, road access, power station, downstream communication lines</p> <p>Immediate Needs and Response Challenges: Evacuation of dam staff, alerting downstream population, early warning dissemination</p> <p>Lead Agencies &amp; Coordination Points: NHPC Control Room, Tehsildar Sainj, Police, ICP at Dam gate</p> <p>Suggested Response Strategy and Local Resources: Activate dam emergency plan, use PA system for alerts, deploy JCBs for road</p>   |

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|  |              |            | <p>clearance</p> <p>Map or Sketch (if available): Lat 31.4646 N, Long 77.1939 E (Google Pin)</p> <p>Any Past Incidents in the Region:</p>  |
|  | Evacuation   | Kullu      | <p>Title of Scenario: Evacuation of CHC Tegubehar after structural damage in earthquake</p> <p>Triggering Event: Earthquake of magnitude 8.0 on 6th June 2025</p> <p>Probable Impact Area: CHC Tegubehar, Sub-Division Kullu</p> <p>Estimated Affected Population: Approx. 100 patients and staff</p> <p>Critical Infrastructure at Risk: Hospital, medical stores, backup generator, ambulance facility</p> <p>Immediate Needs and Response Challenges: Evacuation of critical patients, alternate care setup, access via narrow roads</p> <p>Lead Agencies &amp; Coordination Points: Health Dept., Tehsildar Bhuntar, ICP at CHC premises</p> <p>Suggested Response Strategy and Local Resources: Use of open field triage, ambulance fleet mobilized, VHF coordination</p> <p>Map or Sketch (if available): Lat 31.8872 N, Long 77.1390 E (Google Map Pin Shared Separately)</p> <p>Any Past Incidents in the Region: No</p> |
|  | Fire and SAR | Kullu (HQ) | <p>Title of Scenario: Fire and SAR in Tibetan Market Kullu after Earthquake</p> <p>Triggering Event: Earthquake of magnitude 8.0 on 6th June 2025</p> <p>Probable Impact Area: Tibetan Market &amp; Bhuthnath Bridge, Kullu</p> <p>Estimated Affected Population: Approx. 200 people including shopkeepers and tourists</p> <p>Critical Infrastructure at Risk: Shops, bridge, power lines, communication</p> <p>Immediate Needs and Response Challenges: Fire containment, rescue from collapsed shops, traffic diversion</p> <p>Lead Agencies &amp; Coordination Points: Fire Dept., Police, Tehsildar Kullu, ICP at site</p> <p>Suggested Response Strategy and Local Resources: SAR teams, alternate route via Dussehra Ground, triage point setup</p> <p>Map or Sketch (if available): Lat 31.9597 N, Long 77.1114 E (Google</p>  |



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|              |                                |         | Map Pin shared separately)<br>Any Past Incidents in the Region: No  |
|              | GLOF                           | Manali  | Title of Scenario: GLOF in Aleo Region of Manali following Earthquake<br>Triggering Event: Earthquake of magnitude 8.0 on 6th June 2025<br>Probable Impact Area: Aleo, Burua, Solang – Sub-Division Manali<br>Estimated Affected Population: Approx. 300 people including tourists<br>Critical Infrastructure at Risk: Bridges, roads, water supply, power infra<br>Immediate Needs and Response Challenges: Evacuation from high slopes, temporary shelter, limited access<br>Lead Agencies & Coordination Points: SDM Manali, ITBP, DDMA, ICP at Aleo<br>Suggested Response Strategy and Local Resources: SAR via rafting/ropes, shelter at school, BRO for clearance<br>Map or Sketch (if available): Lat 32.2264 N, Long 77.1985 E (Google Map Pin shared separately)   |
|              | Building Collapsed             | Nirmand | Title of Scenario: Collapse of Govt. Tehsil Office in Nirmand trapping staff<br>Triggering Event: Earthquake of magnitude 8.0 on 6th June 2025<br>Probable Impact Area: Tehsil Office, Sub-Division Nirmand<br>Estimated Affected Population: Approx. 30–40 employees and visitors<br>Critical Infrastructure at Risk: Govt. office building, local archives, road link to Anni<br>Immediate Needs and Response Challenges: Search and rescue under debris, stabilization of structure, crowd control<br>Lead Agencies & Coordination Points: Tehsildar Nirmand, Police, Fire Dept., ICP at office campus<br>Suggested Response Strategy and Local Resources: Deploy SAR with cutting tools, setup buffer zone, ambulance standby<br>Map or Sketch (if available): Lat 31.2456 N, Long 77.3501 E (Google Pin)<br>Any Past Incidents in the Region: No |
|              |                                | HQ      |   |
| Lahaul Spiti | Landslide                      | Kaza    | Kaza Village- Landslide   |
|              | Building Collapsed             |         | Kee Village- Building Damage  |
|              | Landslide & Building Collapsed |         | Rangrik Village- Landslide & Building Collapsed   |
|              | GLOF                           | Keylong | Gepan Ghat Sissu GLOF burst ( Flood) Effective area Sissu Village, Chandra valley and Chander Bhaga ( Chinav) Valley  |

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|       | Building Collapsed                      | Udaipur    | RH Keylong- Hospital Damage   |
|       | Building Collapsed                      |            | Keylong Village- Building Collapsed   |
|       | Building Collapsed                      |            | Kukukseri Collage - Building Damage   |
|       | Building Collapsed                      |            | Triloknath Village Building Damage  |
|       | Flood, Landslide and Building Collapsed |            | CH Udaipur - Flood, Landslide and Building Collapsed  |
| Mandi |   | HQ         | Hospital system overload  |
|       | Flash Flood                             | Balichowki | 1. Title of Scenario (Flash Flood)<br>2. Triggering Event (Flash Flood at Balichowki on 6th June 2025)<br>3. Probable Impact Area (BlockBalichowki Sub Division Balichowki Near Taxi Stand (New Bridge) Balichowki )<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year) |
|       | Flood                                   | Balh       | 1. Title of Scenario (Flood)<br>2. Triggering Event (Flood at SDM Office Balh(Complex) on 6th June 2025)<br>3. Probable Impact Area (Balh/sub-division Balh/SDM Office Balh(Complex))<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)                                |
|       | Flood                                   | Dharampur  | 1. Title of Scenario (Flood)<br>2. Triggering Event (Flood at Son Khad Dharampur on 6th June 2025)<br>3. Probable Impact Area (block- Dharampur/sub-division Dharampur/Son Khad Dharampur)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)                           |

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|  | Earthquake         | Gohar         | 1. Title of Scenario (Earth Quake)<br>2. Triggering Event (Earthquake of 8.0 magnitude at SDM Office Gohar (Complex) on 6th June 2025)<br>3. Probable Impact Area (Gohar/sub-Gohar/SDM Office Gohar (Complex))<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)       |
|  | HEP Damage         | Jogindernagar | 1. Title of Scenario (Hydro Project Damage)<br>2. Triggering Event (Hydro Project Damage Near bassi Power House on 6th June 2025)<br>3. Probable Impact Area (Chauntra/sub-Joginder nagar/Near Bassi Power House )<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch ( if available)<br>10. Any Past Incidents in the Region (reference year)  |
|  | Fire               | Karsog        | 1. Title of Scenario (Fire)<br>2. Triggering Event (Fire incident at GDC Karsog on 6th June 2025 GDC Kaarsog)<br>3. Probable Impact Area (Karsog/sub-division Karsog/GDC Karsog )<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)                                    |
|  | Community Response | Kotli         | 1. Title of Scenario (Community Response)<br>2. Triggering Event (Community Response at Govt.Degree collage Kotli on 6th June 2025)<br>3. Probable Impact Area (Mandi/sub-division Kotli/Govt.Degree collage Kotli )<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year) |
|  | Community Response | Mandi         | 1. Title of Scenario (Community Response)<br>2. Triggering Event (Community Response at indira Market complex)<br>3. Probable Impact Area (Sadar/sub-division sadar/Indira Market )<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)  |

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|  |                   |             | 6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)  |
|  | Landslide         | Padhar      | 1. Title of Scenario (Landslide)<br>2. Triggering Event (landslide at Narla on 6th June 2025)<br>3. Probable Impact Area (Drang/sub-division-Padhar/village Narla)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)   |
|  | Building Collapse | Sarkaghat   | 1. Title of Scenario (Building Collapse due to Earth Quake)<br>2. Triggering Event (Earthquake of 8.0 magnitude Building Collapse at village Gaunta in Sub Tehsil Bhadrola on 6th June 2025)<br>3. Probable Impact Area (Gopalpur/sub-division-sarkaghat/village Gaunta in Sub Tehsil Bhadrola )<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year) |
|  | EQ/Canal Breach   | Sundernagar | 1. Title of Scenario (EQ/Canal Breach)<br>2. Triggering Event (Earthquake of 8.0 magnitude Canal Breach at BSNL Office & Residential Colony sunder Nagar on 6th June 2025)<br>3. Probable Impact Area (Sunder nagar/sub-division-Sunder nagar/BSNL Office & Residential Colony)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)                  |
|  | Earthquake        | Thunag      | 1. Title of Scenario (Earth Quake)<br>2. Triggering Event (Earthquake of 8.0 magnitude at G.S.S.S. Thunag on 6th June 2025)<br>3. Probable Impact Area (Siraj /sub-division Thunag/G.S.S.S. Thunag )<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)   |



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| Shimla | Earthquake                    | HQ      | 1. Title of Scenario<br>2. Triggering Event (Earthquake of 8.0 magnitude, dated:6th June 2025)<br>3. Probable Impact Area : Sub-Division Theog, Kotkhai, Jubbal, Rohru, Dodra Kwar, Kumarsain, Rampur Bushahr, Chopal, Kupvi and Sunni<br>4. Estimated Affected Population:<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, buildings etc.)<br>6. Immediate Needs and Response Challenges :<br>7. Lead Agencies & Coordination Points : Administration, Army, Fire Services, Home Guard 02nd & 03rd BN, SSB , NDRF and SDRF<br>8. Suggested Response Strategy and Local Resources :<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year) |
|        | Flood                         | Theog   | 1. Title of Scenario (Earth Quake-Aftermath : Flood)<br>2. Triggering Event (Earthquake of 8.0 magnitude, dated:6th June 2025)<br>3. Probable Impact Area (Chhaidala Area)<br>4. Estimated Affected Population: 450.<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools etc.)<br>6. Immediate Needs and Response Challenges :<br>7. Lead Agencies & Coordination Points : Administration, SDRF, Fire Services,youth volunteers, community.<br>8. Suggested Response Strategy and Local Resources :<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)  |
|        | Landslide                     | Kotkhai | 1. Title of Scenario (Earth Quake-Aftermath : Landslide)<br>2. Triggering Event (Earthquake of 8.0 magnitude , dated:6th June 2025)<br>3. Probable Impact Area (HRTC Bus stand)<br>4. Estimated Affected Population:-385<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges :<br>7. Lead Agencies & Coordination Points : Home Guard & Civil Defence 02nd BN and Fire Services .<br>8. Suggested Response Strategy and Local Resources :<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)   |
|        | Landslide & Building Collapse | Jubbal  | 1. Earthquake Scenario (Aftermath:Landslide & Building collapse)<br>2. Triggering Event (Earthquake of 8.0 magnitude, dated: 6th June 2025)<br>3. Probable Impact Area (Jubbal Market Area)<br>4. Estimated Affected Population : 870.<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, buildings etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points: Volunteers, Home Guard & Civil Defence 02nd BN.<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)   |

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|  | Flood and Resultant Cloud Burst | Rohru      | <ol style="list-style-type: none"> <li>1. Earthquake Scenario (Aftermath:Flood)</li> <li>2. Triggering Event (Earthquake of 8.0 magnitude , dated:6th June 2025)</li> <li>3. Probable Impact Area (PM Shri Boys School Rohru and area surrounding Pubber River,)</li> <li>4. Estimated Affected Population: 650.</li> <li>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)</li> <li>6. Immediate Needs and Response Challenges :</li> <li>7. Lead Agencies &amp; Coordination Points : SDRF,Local Volunteers , community and aapda mitra volunteers.</li> <li>8. Suggested Response Strategy and Local Resources</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (reference year)</li> </ol> |
|  | Landslide                       | Dodra Kwar | <ol style="list-style-type: none"> <li>1. Earthquake Scenario (Aftermath: Landslide).</li> <li>2. Triggering Event (Earthquake of 8.0 magnitude 6th June 2025)</li> <li>3. Probable Impact Area (Kwar)</li> <li>4. Estimated Affected Population : 275.</li> <li>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)</li> <li>6. Immediate Needs and Response Challenges</li> <li>7. Lead Agencies &amp; Coordination Points : Fire Services.</li> <li>8. Suggested Response Strategy and Local Resources</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (reference year)</li> </ol>   |
|  | Landslide                       | Kumarsain  | <ol style="list-style-type: none"> <li>1. Earthquake Scenario (Aftermath:Landslide) . Title of Scenario (Earth Quake)</li> <li>2. Triggering Event (Earthquake of 8.0 magnitude 6th June 2025)</li> <li>3. Probable Impact Area (Nog Kenchi Area)</li> <li>4. Estimated Affected Population: 578</li> <li>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, buildings etc.)</li> <li>6. Immediate Needs and Response Challenges</li> <li>7. Lead Agencies &amp; Coordination Points : Home Guard &amp; Civil Defence 02nd BN.</li> <li>8. Suggested Response Strategy and Local Resources</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (reference year)</li> </ol>                                     |
|  | Flood                           | Rampur     | <ol style="list-style-type: none"> <li>1. Earthquake Scenario (Aftermath: Flood)</li> <li>2. Triggering Event (Earthquake of 8.0 magnitude 6th June 2025)</li> <li>3. Probable Impact Area (Surrounding residential area of river Satluj)</li> <li>4. Estimated Affected Population: 670.</li> <li>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, buildings etc.)</li> <li>6. Immediate Needs and Response Challenges</li> <li>7. Lead Agencies &amp; Coordination Points :</li> <li>8. Suggested Response Strategy and Local Resources</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (reference year)</li> </ol>  |

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|         | Landslide         | Chopal     | <p>Earthquake Scenario (Aftermath: Landslide) . Title of Scenario (Earth Quake)</p> <p>2. Triggering Event (Earthquake of 8.0 magnitude 6th June 2025)</p> <p>3. Probable Impact Area (Chopal Market Area)</p> <p>4. Estimated Affected Population : 660.</p> <p>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, buildings etc.)</p> <p>6. Immediate Needs and Response Challenges</p> <p>7. Lead Agencies &amp; Coordination Points : Commandant Home Guard &amp; Civil Defence, 02nd BN.</p> <p>8. Suggested Response Strategy and Local Resources</p> <p>9. Map or Sketch (if available)</p> <p>10. Any Past Incidents in the Region (reference year)</p> |
|         | Landslide         | Kupvi      | <p>Earthquake Scenario (Aftermath: Landslide) . Title of Scenario (Earth Quake)</p> <p>2. Triggering Event (Earthquake of 8.0 magnitude 6th June 2025)</p> <p>3. Probable Impact Area (Salah Area)</p> <p>4. Estimated Affected Population : 436.</p> <p>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)</p> <p>6. Immediate Needs and Response Challenges</p> <p>7. Lead Agencies &amp; Coordination Points : Home Guard &amp; Civil Defence 02nd BN</p> <p>8. Suggested Response Strategy and Local Resources</p> <p>9. Map or Sketch (if available)</p> <p>10. Any Past Incidents in the Region (reference year)</p>                          |
|         | Flood             | Sunni      | <p>Earthquake Scenario (Aftermath: Flood) . Title of Scenario (Earth Quake)</p> <p>2. Triggering Event (Earthquake of 8.0 magnitude 6th June 2025)</p> <p>3. Probable Impact Area (Kalighat)</p> <p>4. Estimated Affected Population: 547</p> <p>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, buildings etc.)</p> <p>6. Immediate Needs and Response Challenges</p> <p>7. Lead Agencies &amp; Coordination Points : Home Guard &amp; Civil Defence 03rd BN.</p> <p>8. Suggested Response Strategy and Local Resources</p> <p>9. Map or Sketch (if available)</p> <p>10. Any Past Incidents in the Region (reference year)</p>                             |
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| Sirmaur | Building Collapse | Kafota     | Incident Site No-6 .Government Senior secondary School, Sataun, Building Collapse Due To EQ e.g., Earthquake of 8.0 magnitude)   |
|         | Fire              | Nahan (HQ) | Simulation Site No - 1. Ruchira Papers Limited, Kala Amb, Sirmaur, Fire Incident (e.g., Earthquake of 8.0 magnitude)   |
|         | Bridge Collapse   |            | Simulation Site No - 2. Trilokpur (connecting, Bridge Kala Amb Trilokpur) Bridge Collapse Due to Earthquake (e.g., Earthquake of 8.0 magnitude)  |
|         | Building Collapse |            | Simulation Site No - 3. Boys' Sr Sec school Nahan, Building Collapse Due to EQ (e.g., Earthquake of 8.0 magnitude)   |
|         | Triage/MEP        |            | Simulation Site No - 4. Dr Y S Parmar Govt. Medical College Nahan, Triage/MEP  |
|         | Building Collapse | Pachhad    | Simulation Site No - 5 Market of Sarahan Bazar, Near Vaman Bhagwan temple and Pond Sarahan. Building Collapse Due To EQ e.g., Earthquake of 8.0 magnitude)   |

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|              | Flood             | Paonta Sahib | Simulation Site No- 10 .Yamuna Mandir Near Gurudwara, Paonta Sahib, Flooding e.g., Earthquake of 8.0 magnitude)   |
|              | Building Collapse | Rajgarh      | Simulation Site No –7 .Market/ Residential Area near Nehru Ground in Rajgarh, Building Collapse Due To EQ e.g., Earthquake of 8.0 magnitude)  |
|              | Landslide         | Sangrah      | Simulation Site No–9 Village Pav Pani Near Walia Mines, Landslide e.g., Earthquake of 8.0 magnitude)  |
|              | Landslide         | Shillai      | Simulation Site No–8. Village Chaniya, Landslide e.g., Earthquake of 8.0 magnitude)   |
| <b>Solan</b> | Earthquake        | HQ           | 1. Title of Scenario Earthquake<br>2. Triggering Event Earthquake of 8.0 magnitude on 6th June 2025<br>3. Probable Impact Area ( Reginoal Hospital Solan ,St lukes School, Police Petrol Pump, Annad Complex The Mall Solan<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)  |
|              | Bridge Collapse   | Arki         | 1. Title of Scenario ("Bridge Collapse following Earthquake")<br>2. Triggering Event (e.g., Earthquake of 7.8 magnitude)<br>3. Probable Impact Area (Sharda Bridge Break GP Chamyal (Shalaghat to Arki Road,))<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)   |
|              | Earthquake        |              | 1. Title of Scenario (Earthquake Civil Hospital Arki )<br>2. Triggering Event (e.g., Earthquake of 8.0Magnitude<br>3. Probable Impact Area (Civil Hospital Arki)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)   |
|              | Industrial Fire   | Nalagarh     | 1. Title of Scenario (Industrial Fire following Earthquake)<br>2. Triggering Event (e.g., Earthquake of 7.8 magnitude)<br>3. Probable Impact Area ( Hindustan Petroleum Corp Ltd,Village Dadhikania (Khera), Tehsil Nalagarh, Distt. Solan, HP.Village Dadhikania (Khera), Tehsil Nalagarh, Distt. Solan, HP. (Industrial disaster))<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year) |



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|  | Landslide                        |         | <ol style="list-style-type: none"> <li>1. Title of Scenario (e.g., ""Building collapse following Earthquake"")</li> <li>2. Triggering Event (e.g., Earthquake of 7.8 magnitude)</li> <li>3. Probable Impact Area ( Civil Hospital Nalagarh)</li> <li>4. Estimated Affected Population</li> <li>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)</li> <li>6. Immediate Needs and Response Challenges</li> <li>7. Lead Agencies &amp; Coordination Points</li> <li>8. Suggested Response Strategy and Local Resources</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (reference year)</li> </ol>  |
|  | Landslide                        | Kasauli | <ol style="list-style-type: none"> <li>1. Title of Scenario (Landslide at Chakki Mor (NH-05) following Earthquake"")</li> <li>2. Triggering Event (e.g., Earthquake of 7.8 magnitude)</li> <li>3. Probable Impact Area ( Chakki Mor (NH-05))</li> <li>4. Estimated Affected Population</li> <li>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)</li> <li>6. Immediate Needs and Response Challenges</li> <li>7. Lead Agencies &amp; Coordination Points</li> <li>8. Suggested Response Strategy and Local Resources</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (reference year)</li> </ol>   |
|  | Building Collapse                | Solan   | <ol style="list-style-type: none"> <li>1. Title of Scenario ( Regional Hospital Solan Building collapsed)</li> <li>2. Triggering Event ( Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area ( Regional Hospital Solan)</li> <li>4. Estimated Affected Population</li> <li>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)</li> <li>6. Immediate Needs and Response Challenges</li> <li>7. Lead Agencies &amp; Coordination Points</li> <li>8. Suggested Response Strategy and Local Resources</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (reference year)</li> </ol>  |
|  | Building Collapse                |         | <ol style="list-style-type: none"> <li>1. Title of Scenario (Building Collapse St. Lukes School Solan (Near Old Bus Stand Solan))</li> <li>2. Triggering Event ( Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area ( St. Lukes School Solan (Near Old Bus Stand Solan) )</li> <li>4. Estimated Affected Population</li> <li>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)</li> <li>6. Immediate Needs and Response Challenges</li> <li>7. Lead Agencies &amp; Coordination Points</li> <li>8. Suggested Response Strategy and Local Resources</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (reference year)</li> </ol> |
|  | Fire incident Police Petrol Pump |         | <ol style="list-style-type: none"> <li>1. Title of Scenario ((Fire incident Police Petrol Pump (Sabji Mandi) )</li> <li>2. Triggering Event ( Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (Police Petrol Pump (Sabji Mandi) )</li> <li>4. Estimated Affected Population</li> <li>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)</li> <li>6. Immediate Needs and Response Challenges</li> <li>7. Lead Agencies &amp; Coordination Points</li> <li>8. Suggested Response Strategy and Local Resources</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (reference year)</li> </ol>                                      |
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|     | Fire  |         | <ol style="list-style-type: none"> <li>1. Title of Scenario (Fire incident due to building collapse after earthquake Anand Complex ( The Mall Solan))</li> <li>2. Triggering Event ( Earthquake of 8.0 magnitude)</li> <li>3. Probable Impact Area (Anand Complex ( The Mall Solan) )</li> <li>4. Estimated Affected Population</li> <li>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)</li> <li>6. Immediate Needs and Response Challenges</li> <li>7. Lead Agencies &amp; Coordination Points</li> <li>8. Suggested Response Strategy and Local Resources</li> <li>9. Map or Sketch (if available)</li> <li>10. Any Past Incidents in the Region (reference year)</li> </ol>  |
| Una | Building Damage & Fire Breakout IOCL MAH Unit | HQ      | <ol style="list-style-type: none"> <li>1. Title of Scenario: Building Collapse and Fire Breakout IOCL due to Earthquake</li> <li>2. Triggering Event: Earthquake of 8.0 magnitude</li> <li>3. Probable Impact Area: IOCL Bulk Petroleum Storage Terminal and Surrounded villages.</li> <li>4. Estimated Affected Population: 1200 People Approximately</li> <li>5. Critical Infrastructure at Risk: School, Road, Bridge, Electricity Supply, Water Supply schemes etc.</li> <li>6. Immediate Needs and Response Challenges: Fire Services, JCBs, Tippers, Crane, Medical Teams with Ambulances, SAR Team, Police, Relief Camp etc.</li> <li>7. Lead Agencies &amp; Coordination Points: PRIs, Home Guards, Police, Fire Services, Local Administration, IRT team, Aapda Mitra Volunteers, and Coordination point at District HQ.</li> <li>8. Suggested Response Strategy and Local Resources: Search and Rescue Team, Call for emergency, dial 1077 toll free No. of Disaster Control Room, Call for emergency rescue team, engagement of community responders, Panchayat level trained youth volunteers, Aapda Mitra.</li> <li>9. Map or Sketch: Yes Attached.</li> <li>10. Any Past Incidents in the Region (reference year): NA</li> </ol>   |
|     | Landslide                                     | Amb     | <ol style="list-style-type: none"> <li>1. Title of Scenario: Landslide in Pindi Das Ashram and Eye Hospital, near Amb-Nehriyan Road</li> <li>2. Triggering Event: Earthquake of 8.0 magnitude</li> <li>3. Probable Impact Area: Pindi Das Ashram and Eye Hospital, near Amb-Nehriyan Road and Surrounded places.</li> <li>4. Estimated Affected Population: 825 People Approximately</li> <li>5. Critical Infrastructure at Risk: Roads, Bridges, Eye Care Hospital, Electricity Supply, Water Supply schemes etc.</li> <li>6. Immediate Needs and Response Challenges: JCBs, Tippers, Crane, Medical Teams with Ambulances, SAR Team, Police, First Responders, NGOs etc.</li> <li>7. Lead Agencies &amp; Coordination Points: PRIs, Home Guards, Police, Fire Services, Local Administration, IRT team, Aapda Mitra Volunteers and Coordination point at SDM office, Amb.</li> <li>8. Suggested Response Strategy and Local Resources: Search and Rescue Team, Call for emergency, dial 1077 toll free NO. of Disaster Control Room, Call for emergency rescue team, engagement of community responders, Panchayat level trained youth volunteers, Aapda Mitra,</li> <li>9. Map or Sketch: Yes Attached.</li> <li>10. Any Past Incidents in the Region (reference year): Flash Flood Incident on year 2023 S.W. Monsoon Season.</li> </ol> |
|     | NA  | Bangana | Due to the District level" Piploo Mela" in Bangana. The local Holiday was declared on 6th June, 2025. In which, the Hon'ble Chief Minister and Dy. Chief Minister will be visit. Hence, as per this situation, there is no simulation site has been decided in the Bangana Sub Division.   |

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|  | Fire at Petrol Pump | Gagret | <p>1. Title of Scenario : A.K. Puri HP Petrol Pump, Gagret-Hoshiarpur Road (Fire Breakout Incident in this Petrol Pump)</p> <p>2. Triggering Event: Earthquake of 8.0 magnitude</p> <p>3. Probable Impact Area : Petrol Pump and its surrounded places nearby.</p> <p>4. Estimated Affected Population: 800 Approximately</p> <p>5. Critical Infrastructure at Risk: Road, Btldges, Fuel, Electricity, Water Supply, near by Infrastructure etc.</p> <p>6. Immediate Needs and Response Challenges: Fire Brigade team, Availability and use of Fire Extinguishers, need of trained person, medical first aid box etc.</p> <p>7. Lead Agencies &amp; Coordination Points: Fire Brigade, Home Guards, Police, Volunteers and local responders etc.</p> <p>8. Suggested Response Strategy and Local Resources: Safe Evacuation plan, Emergency exits, availabilty of vehicles, SAR and Availability of Sand, water and other mode of fire extinguished techniques etc.</p> <p>9. Map or Sketch: Yes Attached.</p> <p>10. Any Past Incidents in the Region: NA</p>   |
|  | Building Collapse   | Haroli | <p>1. Title of Scenario: Nestle India Ltd., Tahliwal (Factory Building Damaged &amp; Fire Brokeout Incident).</p> <p>2. Triggering Event: Earthquake of 8.0 magnitude</p> <p>3. Probable Impact Area: Nestle India Factory and its surrounded habitat area.</p> <p>4. Estimated Affected Population: 1000 Approximately</p> <p>5. Critical Infrastructure at Risk: Electricity, Water Supply, Road, Building Structure etc.</p> <p>6. Immediate Needs and Response Challenges: Safe Evacuation of the factory workers, Search and Rescue operation, Notified relief camps, Alternative route for transporation, health facility etc.</p> <p>7. Lead Agencies &amp; Coordination Points: Local Administrtaiion, Home Guards, Fire Services, etc.</p> <p>8. Suggested Response Strategy and Local Resources: Safe Evacuation, Search and Rescue Operatyion, provide the medical first aid, youth volunteers, ex-servicesman volunteering etc.</p> <p>9. Map or Sketch: Yes Attached.</p> <p>10. Any Past Incidents in the Region: NA</p>   |
|  | Building Collapse   | Una    | <p>1. Title of Scenario: Government Industrial Training Institute (ITI), Boys, Una (Building Structure damage/loss and fire event)</p> <p>2. Triggering Event: Earthquake of 8.0 magnitude</p> <p>3. Probable Impact Area: ITI Building and surrounding build structure including basic infrstructure as well.</p> <p>4. Estimated Affected Population: 1200 Approximately</p> <p>5. Critical Infrastructure at Risk: roads, bridges, ITI, Water and Electricity supply scheme, Internet cables etc.</p> <p>6. Immediate Needs and Response Challenges: Safe Evacuation, Fire equipments availabilty, contact No. of response team, Local administration, First Responders etc.</p> <p>7. Lead Agencies &amp; Coordination Points: Police, Fire Services, Home Guards, SDRF, NDRF, Youth Volunteers, NSS, NCC, Aapda Mitra Volunteers etc.</p> <p>8. Suggested Response Strategy and Local Resources: Safe Evacuation of students, providing the basic first aid to the needy, basic infrastructure and equipments etc.</p> <p>9. Map or Sketch: Yes Attached.</p> <p>10. Any Past Incidents in the Region: No Incident recorded so far yet.</p> |



Department of Revenue-DM Cell  
Government of Himachal Pradesh



Conduct of 9th Statewide Mega Mock Exercise on Earthquake on Dated 06th June, 2025  
StateEmergency OperationsCentre(SEOC)-24\*7Helpline1070

| Sr.No | Event      | Incident Time | District | Location                | Casualties |   |   | Injured |    |    | Trapped |   |   | Evacuated/Rescued |    |    | Animal Loss | Bridges Damaged /Building Collapsed | Description   |
|-------|------------|---------------|----------|-------------------------|------------|---|---|---------|----|----|---------|---|---|-------------------|----|----|-------------|-------------------------------------|---|
|       |            |               |          |                         | M          | F | C | M       | F  | C  | M       | F | C | M                 | F  | C  |             |                                     |   |
| 1     | Earthquake | 09:40         | Bilaspur | Ghumarwin               | 1          |   | 7 | 100     | 6  |    |         |   |   | 5                 |    |    |             | 2                                   | GhumarwinDegree Collage fully damage, Nainadevi temple partially damaged, RH Bilaspur Damage. Operation closed, <b>Time Closed:- 11:10 AM</b> |
|       | Earthquake | 09:30         |          | RH Bilaspur             | 1          |   |   | 4       | 8  | 2  |         |   |   |                   |    |    |             | 1                                   | In this incidnet RH damaged, Operation closed <b>Time: 10:30 AM</b>   |
|       | Earthquake | 09:30         |          | Housing Board Colony    | 3          |   |   | 3       | 5  | 1  |         |   |   | 12                |    |    |             | 1                                   | Operation Has been closed at <b>10:59 AM</b>  |
|       | Earthquake | 09:30         |          | Govt. Collage Kalari    | 6          | 4 |   | 30      | 70 | 45 |         |   |   | 80                | 55 | 20 |             | 1                                   | Earthquake and fire incident occurred and rescue operation closed at <b>10:52 AM</b>  |
|       | Earthquake | 11:45         |          | Sadar                   | 3          | 2 |   | 14      | 10 | 4  |         |   |   | 25                | 48 | 13 |             | 2                                   | Operation Closed at <b>01:45 PM</b>   |
|       | Earthquake | 09:30         |          | Civil Hospital Jhanduta | 1          |   |   | 14      | 14 |    |         |   |   |                   |    |    |             | 1                                   | Rescue operation has been closed at <b>11:15 AM</b>   |
|       | Earthquake | 12:00         |          | Kol Dam                 |            |   |   |         |    |    |         |   |   |                   |    |    |             |                                     | Kol Dam Brust   |
| 2     | Earthquake | 09:30AM       | Chamba   | G.S.S.S. Holi           |            |   |   |         | 1  | 16 |         |   |   |                   |    |    |             | 1                                   | Police, Home guards on the spot. <b>Time:- 10:27</b> Rescue operation completed   |



|   |                  |       |          |                    |   |   |    |    |    |    |  |  |  |     |     |    |  |   |   |
|---|------------------|-------|----------|--------------------|---|---|----|----|----|----|--|--|--|-----|-----|----|--|---|---|
| 3 | Earthquake (3.0) | 09:30 | Hamirpur | Bus stand Building | 3 | 3 | 4  | 10 | 12 |    |  |  |  | 100 | 120 | 80 |  | 1 | QRT moves to incident site for SAR Bus stand fully damaged <b>(Time: 10:40)</b>   |
|   | Earthquake       | 09:30 |          | Shastri Collage    | 5 |   |    | 40 | 20 |    |  |  |  |     |     |    |  | 1 | Major injured persons sent to CHC Badsar. Operation <b>Closed at 10:50AM</b>  |
|   | Earthquake       | 10:32 |          | RH Hospital        | 3 | 4 | 3  | 10 | 0  | 5  |  |  |  | 50  | 120 | 30 |  | 1 | Hamirpur Hospital fully damaged   |
|   | Earthquake       | 10:58 |          | G.S.S. Hamirpur    | 2 | 1 | 10 | 3  | 4  | 10 |  |  |  |     |     |    |  | 1 | Rescue operation has been closed by Police and SDRF team. <b>Time:- 12:25 PM</b>  |
| 4 | Earthquake       | 09:02 | Kangra   | Baijnath           |   |   |    |    |    |    |  |  |  | 11  | 8   |    |  | 4 | Baijnath one building collapsed, Dhramshala DRDA building collapse, Nagrota school building Collapse, Drowning in BDO office, <b>Time:- 09:35</b> 02 JCB, 02 Tipper Deployed 02 Ambulance with medical staff. Local volunteers with Deptt. Operation closed by SDRF and Police team at <b>Time- 11:25AM</b> |
|   | Earthquake       | 09:12 |          | Dehra              | 1 |   |    | 2  | 8  | 4  |  |  |  | 10  | 5   |    |  |   | Rescue operation has been closed by Police and SDRF team <b>Time:- 10:51 AM</b>   |
|   | Earthquake       | 09:12 |          | Shahpur            |   |   |    | 15 | 10 | 2  |  |  |  | 60  | 67  |    |  |   | In this incident 127 persons rescued from which 27 persons injured. Operation closed <b>Time:- 12:05 PM</b>   |
|   | Earthquake       | 09:12 |          | BDO Dheera         |   |   |    | 4  | 1  |    |  |  |  |     |     |    |  |   | Operation closed <b>Time: 10:00 AM</b>  |
|   | Earthquake       | 09:12 |          | Jawalaji           | 2 |   |    | 5  | 7  |    |  |  |  |     |     |    |  |   | Operation <b>Closed:--11:02 AM</b>  |
|   | Earthquake       | 09:12 |          | Kangra             | 1 | 1 |    | 6  | 9  |    |  |  |  |     |     |    |  |   | Rescue closed by Police and SDRF <b>Time:-12:19</b>   |

|   |                  |       |         |                     |    |    |   |    |    |    |  |  |  |     |    |    |     |    |  |
|---|------------------|-------|---------|---------------------|----|----|---|----|----|----|--|--|--|-----|----|----|-----|----|--|
|   | Earthquake       | 09:12 |         | Jawali              | 12 | 3  |   | 2  |    | 25 |  |  |  |     |    |    |     | 1  | Govt ITI building collapse due to earthquake.<br><b>Time:- 11:08</b> operation has been closed by police team.                               |
|   | Earthquake       | 09:12 |         | G.S.S.S.Palampur    | 2  | 4  | 4 | 2  | 5  | 10 |  |  |  |     |    | 17 |     | 1  | Operation has been closed<br>Time:- <b>12:27 PM</b>  |
|   | Earthquake       | 09:12 |         | GDC Bejnath         |    |    |   | 2  |    |    |  |  |  | 10  | 8  |    |     |    | In this incident injured persons sent to CHC Bejnath and rest of all rescued. <b>Time :- 11:08 AM</b>  |
|   | Earthquake       | 09:12 |         | Dharamshala         |    |    |   |    | 2  |    |  |  |  |     |    |    |     | 1  | Injured Person reffered to ZH Dharamshala.<br>Operation closed at <b>11;30AM</b>   |
|   | Earthquake       | 10:34 |         | MTGC School         |    |    |   | 12 | 10 |    |  |  |  | 90  | 64 |    |     | 1  | Operation Has been closed at <b>12:15 PM</b>   |
| 5 | Earthquake (3.0) | 09:02 | Kinnaur | Recangpeo DC office |    |    |   |    |    |    |  |  |  |     |    |    |     | 1  | DC office building collapse, landslide in Nathpu and karcham Dam Damaged. Opeation <b>Closed 10:05 AM</b>                                    |
|   | Earthquake       | 09:02 |         | Nathpa              |    |    |   |    |    |    |  |  |  |     |    |    | 200 | 10 | In this incident 10 cowshed damaged, 100 Goats, 90 Sheeps and 10 horses dead in this incident. Operation is closed at <b>Time:- 11:27 AM</b> |
|   | Earthquake       | 09:02 | Kullu   | Bangar              |    |    |   | 5  | 3  |    |  |  |  |     |    |    |     |    | Injured Person reffered to RH Kullu . Operation closed at <b>10:30AM</b>   |
|   | Earthquake       | 09:02 |         | SD Kullu            | 5  | 10 | 2 | 26 | 37 |    |  |  |  |     |    |    |     | 1  | Operation closed <b>Time: 01:00 PM</b>   |
|   | Earthquake       | 09:02 |         | Nirmand             | 1  |    |   | 2  | 9  |    |  |  |  |     |    |    |     |    | In this incident 01 person sent to IGMC Shimla and 01 person reffered to Rampur Hospital. <b>Closed 11:15 AM</b>                             |
|   | Earthquake       | 09:02 |         | Banjar              | 1  | 4  |   | 8  | 7  | 1  |  |  |  | 112 | 88 | 35 | 19  |    | Operation has been closed at <b>11:52 AM</b>   |

|          |                     |       |                |                        |    |   |    |    |    |    |  |  |  |    |    |    |  |   |  |
|----------|---------------------|-------|----------------|------------------------|----|---|----|----|----|----|--|--|--|----|----|----|--|---|--|
|          | Earthquake          | 09:02 |                | Anni                   | 1  | 1 |    | 5  | 7  |    |  |  |  | 14 |    |    |  |   | Rescued operation closed<br><b>Time:- 01:00PM</b>  |
|          | Landslide           | 09:02 |                | Tibtian Market         | 2  |   |    |    | 2  | 3  |  |  |  |    |    |    |  | 1 | In this incident 5 persons<br>are injured and sent to RH<br>Kullu. Operation <b>closed</b><br><b>11:50 AM</b>  |
|          | Earthquake          | 11:20 |                | Banjar                 | 20 | 9 | 12 | 12 | 6  | 9  |  |  |  | 90 | 10 | 7  |  | 1 | <b>operation closed 12:20<br/>PM</b>   |
| <b>6</b> | Earthquake          | 09:02 |                | Kullu                  | 6  | 9 | 5  | 8  | 12 |    |  |  |  | 78 | 55 | 22 |  | 3 | Anni building collapse,<br>Kullu- Tibetan collony<br>fully damage and Degree<br>collage fully damaged.<br><b>Operation closed 01:25<br/>PM</b>                   |
| <b>7</b> | Earthquake<br>(3.8) | 09:05 | <b>L&amp;S</b> | Police line<br>Keylong |    |   |    | 10 | 18 | 4  |  |  |  | 15 | 11 | 5  |  | 1 | Police line building<br>collapsed<br>Rescue operation has been<br>closed total stranded person<br>31<br><b>Time:- 10:45</b> rescue<br>operation has been closed. |
|          | Earthquake          | 09:05 |                | Lahaul                 |    |   |    | 20 | 15 | 5  |  |  |  | 20 | 15 | 5  |  |   | Operation <b>closed 12:50 PM</b>   |
|          | Earthquake          | 09:05 |                | Rangreek               |    |   |    | 5  | 2  |    |  |  |  | 5  | 2  |    |  |   | Rescue started at 09:50 AM<br>Stranded person 07 who<br>has been safely rescued.<br>Operation has been closed<br>at <b>11:30 AM</b>                              |
|          | Earthquake          | 09:05 |                | Kee                    |    |   |    | 10 | 15 | 10 |  |  |  | 10 | 15 | 35 |  |   | In this 35 got injures in<br>which 03 are hospitalized.<br>Close <b>11:21 AM</b>   |
|          | Earthquake          | 09:05 |                | Kaza School            |    |   |    | 30 | 55 |    |  |  |  | 85 | 65 |    |  | 1 | Kaza School rescue<br>opertion has been closed<br>peacefull at <b>10:45 AM</b>   |

|   |            |       |        |                        |   |    |  |    |    |   |  |  |  |    |    |   |     |   |  |
|---|------------|-------|--------|------------------------|---|----|--|----|----|---|--|--|--|----|----|---|-----|---|--|
| 8 | Landslide  | 09:15 | Mandi  | Sundernagar            | 8 | 10 |  | 42 | 23 |   |  |  |  |    |    |   | 150 | 2 | Sundernagar 02 building collapse and 01 building in danger, BSNL wire damage. NDRF, SDRF Police Home Guard are deputed. In gohar 02 injured 01 is hospitalized and one gausadan damaged in which 150 animal dead.<br><b>Operation closed Time:- 01:06 PM</b> |
|   | Earthquake | 09:15 |        | Gausadan               |   |    |  |    |    |   |  |  |  |    |    |   | 3   |   | In this incident gausadan damage in which 03 animal dead and 12 were injured who are safely evacuated. Operaton closed <b>Time:- 11:20</b>   |
|   | Earthquake | 11:30 |        | Balichawki             | 1 |    |  | 3  | 1  | 1 |  |  |  |    |    |   |     |   | Rescue Operation <b>clsoed at 12:25</b>  |
|   | Earthquake | 11:10 |        | Jogindernagar          | 5 | 5  |  | 8  | 2  |   |  |  |  | 45 | 40 |   |     | 1 | In this incident 85 persons injured and 10 persons died. Operation <b>closed 12:10 PM</b>  |
|   | Earthquake | 09:30 |        | Thunag                 | 2 |    |  | 5  |    |   |  |  |  |    |    |   |     |   | Operation close <b>Time:- 11:30 AM</b>   |
|   | Earthquake | 10:00 |        | G.S.S.S.Thunag         | 4 | 1  |  | 4  | 6  |   |  |  |  |    |    |   |     | 1 | In this incident 01 building of school is damaged Rescue operation has been closed by NDRF and SDRF <b>Time:- 11:39</b>  |
| 9 | Landslide  | 09:55 | Shimla | Chopal                 |   |    |  |    |    |   |  |  |  |    |    |   |     | 1 | Main road chopal to shimla, police team left for incident spot   |
|   | Fire       | 09:40 |        | Vikasnager Petrol pump |   |    |  |    |    |   |  |  |  |    |    |   |     |   | Fire and Home Guard for SAR<br>Operation closed <b>Time:- 10:40 AM</b>   |
|   | Earthquake | 10:40 |        | Kupvi                  |   |    |  | 2  | 9  |   |  |  |  | 10 | 22 | 8 |     |   | Operation Closed Time:- <b>12:05 PM</b>  |



|           |                  |         |                |                       |      |     |     |      |      |      |  |  |  |      |      |      |  |     |   |
|-----------|------------------|---------|----------------|-----------------------|------|-----|-----|------|------|------|--|--|--|------|------|------|--|-----|---|
|           | Flood            | 09:41   |                | G.S.S.<br>SamoliRohru |      |     |     |      |      |      |  |  |  | 5    | 2    | 38   |  | 1   | School Building Damaged and 40-45 student with staff struck in the school. Operation closed <b>Time:- 11:30 AM</b>  |
|           | Earthquake       | 09:50   |                | Kukumseri collage     | 1    | 2   |     | 6    | 6    |      |  |  |  | 10   | 8    | 22   |  | 1   | In this incident resued from first floor all are safe and in ground floor 3 person died and 12 injured those are referred to hospital. Operation has been <b>closed 12:02 PM</b>    |
| <b>10</b> | Earthquake (8.0) | 09:30   | <b>Sirmaur</b> | Sarhan- Pachhad       | 205  | 156 | 188 | 1508 | 950  | 690  |  |  |  | 1253 | 902  | 203  |  | 41  | In which 549 people have died. 3148 are injured and 655 have been referred to government hospital DYSPM Nahan. And 2358 people have been sent to relief camp. <b>Time- 11:12 AM</b> |
|           | Earthquake (8.0) | 09:30   |                | Nahan                 | 688  | 746 | 246 | 816  | 463  | 328  |  |  |  | 9000 | 4603 | 1469 |  | 7   | In this incident 7 building are collapsed from which 15072 personsresued. Operation closed <b>Time:- 02:05 PM</b>   |
|           | Fire             | 12:30   |                | Kala Amb Factory      |      |     |     | 872  | 333  |      |  |  |  |      |      |      |  | 2   | 10044 mile workers in the factory from which 1205 are injured 500 reffered to CHC and 705 reffered to KalAmb. Operation <b>closed 02:15 PM</b>                                      |
|           | Flood            | 12:18   |                | Yamuna Bridges        | 1750 | 490 | 560 | 1820 | 410  | 100  |  |  |  |      |      |      |  | 1   | In this incident 2800 person dead and 2230 person injured Injured person sent to hospital for medical treatment. Rescue operation closed. Operation closed <b>02:10 PM</b>          |
|           | Earthquake       | 11:59AM |                | Rajgarh               | 755  | 422 | 223 | 7625 | 4782 | 2843 |  |  |  |      |      |      |  | 160 | In this incident, 12000 person effected and 20 cowshed damaged. Operation <b>closed 02:25 PM</b>  |

|       |            |          |       |                       |      |      |      |       |      |      |   |   |   |       |      |      |     |   |  |
|-------|------------|----------|-------|-----------------------|------|------|------|-------|------|------|---|---|---|-------|------|------|-----|---|--|
| 11    | Landslide  | 09:13:AM | Solan | Chhaki Mode           | 3    | 3    |      | 15    |      |      |   |   |   | 270   | 230  | 25   |     | Rescue team are on the spot<br>02 buses and 01 car<br>damaged. 02 ambulance<br>with medical staff. 10 no of<br>labaur from PWD. <b>Closed<br/>Time:- 12:36 Pm</b>   |  |
|       | Earthquake | 09:13    |       | Arki                  | 2    | 6    | 1    | 4     | 13   |      |   |   |   |       |      |      |     | Injured persons are reffered<br>to RH Solan, <b>Closed<br/>Time:- 11:39 AM</b>  |  |
|       | Fire       | 09:30    |       | Petrol Pump           |      |      |      | 8     |      |      |   |   |   |       |      |      |     | Operation closed <b>11:35<br/>AM</b>  |  |
|       | Earthquake | 09:13    |       | RH Hospital           | 2    |      |      |       | 4    | 4    |   |   |   |       |      |      |     | Operation closed <b>11:39<br/>AM</b>  |  |
|       | Earthquake | 09:40    |       | ShalaghatArki         |      |      |      | 5     |      |      |   |   |   |       |      |      | 1   | A earthquake incident<br>reported at GP<br>ChamyatShalaghatArki<br>Road, in this incident a<br>bridge collapsed and<br>damaged, in this incident<br>05 person injured and sent<br>to hospital. Operation<br><b>Closed Time:- 10:10 AM</b> |  |
| 12    | Earthquake | 10:14    | Una   | Pindi Das<br>Aashram  |      |      |      |       |      |      |   |   |   | 6     | 4    | 2    | 1   | Rescue operation closed<br>Time:- <b>11:05 AM</b>   |  |
|       | Earthquake | 10:14    |       | Gagret HPCL<br>Petrol | 2    |      | 1    | 6     | 2    |      |   |   |   |       |      |      |     | Rescue Operation has been<br>closed <b>11:45 AM</b>   |  |
|       | Earthquake | 10:14    |       | Gagret                |      |      |      | 10    |      |      |   |   |   |       |      |      |     | Operation <b>closed 12:50 PM</b>  |  |
| Total |            |          |       |                       | 3508 | 1896 | 1265 | 13178 | 7392 | 4122 | 0 | 0 | 0 | 11481 | 6567 | 2036 | 372 | 260   |  |

**Department of Revenue-DM Cell**  
**Government of Himachal Pradesh**  
**State Emergency Operations Centre (SEOC)-24\*7 Helpline 1070**

| <b>9th State-wide Mega Mock Exercise on Earthquake on Dated 06th June, 2025</b> |       |
|---|-------|
| Total Casualties of Persons:-   | 6669  |
| Total Injured of Persons:-  | 24692 |
| Total Trapped of Persons:-  | 0     |
| Total Evacuated of Persons:-  | 20084 |
| Total Animal Loss:-   | 372   |
| Bridges Damaged/Building Collapsed:-  | 260   |

Office of the Commandant, 14th Bn NDRF/2025/370

MHA/Govt. of India

P.O-Jassur, Tehsil-Nurpur,

District- Kangra, (H.P) 176201

E-mail-co14.ndrf@gov.in

Dated:-11.06.25

To,

Directorate of Revenue (Rev-DM)

District-Shimla, Himachal Pradesh

(E/Mail -sdma-hp@nic.in)

Sub:- Regarding 09<sup>th</sup> State level Mega Mock Exercise.

Respected Sir,

On the subject matter, it is hereby informed that 9<sup>TH</sup> state level mock exercise conducted at various places in all districts of Himachal Pradesh on 06.06.2025.

2. In this regard feedback report along with Chief Observer remarks attached herewith in **Appendix-"A"**, Senior Observer remarks in **Appendix-"B"** & Simulation site in **Appendix-"C"**

3. For information please.

Digitally signed by

BALJINDER SINGH

Date: 12-06-2025

16:38:41

Commandant  
14Bn, NDRF



**Feedback Report**  
**State Level Mock Exercise on Earthquake on 06.06.25**

| S/N.               | Particular  | Feedback of 14 <sup>TH</sup> BN, NDRF  |             |             |              |            |            |             |               |              |              |           |                    |                 |                 |  |
|--------------------|---|--|-------------|-------------|--------------|------------|------------|-------------|---------------|--------------|--------------|-----------|--------------------|-----------------|-----------------|--|
| 1                  | Name Of State   | Himachal Pradesh   |             |             |              |            |            |             |               |              |              |           |                    |                 |                 |  |
| 2                  | Date of Mock Ex and Sequence of events.               | <p><b><u>Stage-1</u></b><br/>Orientation &amp; coordination conference (VC Mode) on 27/05/25. Coordination Briefing by Major Gen. (Retd.) Sudhir Bahl, Lead Consultant (ME &amp; IRS)NDMA GoI.</p> <p><b><u>Stage-2</u></b><br/>Table top exercise (TTE) at HPSDMA on Dated 03/06/25.</p> <ul style="list-style-type: none"><li>• Coordinated by Major Gen. (Retd.) Sudhir Bahl Lead Consultant (ME &amp; IRS)NDMA GoI &amp; Sh. DC Rana, Special Secretary (Rev.-DM), GoHP</li><li>• Sh. Baljinder Singh Commandant 14<sup>TH</sup> Bn, NDRF (Chief Observer) &amp; all stakeholders who were stationed at Shimla Himachal Pradesh joined physically and rest joined virtually.</li></ul> <p><b><u>Stage-3</u></b><br/>Mock Exercise executed (on ground) on Dated 06/06/25 in all districts of Himachal Pradesh.</p> |             |             |              |            |            |             |               |              |              |           |                    |                 |                 |  |
| 3                  | Name, designation and organization of chief observer. | <p>Sh. Baljinder Singh, Commandant, 14<sup>TH</sup> Bn NDRF.</p> <p>Chief Observer's remark is attached at <b>Appendix "A"</b></p>   |             |             |              |            |            |             |               |              |              |           |                    |                 |                 |  |
| 4                  | Force wise detail of Observers.                       | <p><b>Senior Observers were detailed at each DEOC/ICP and 01 Observer was deployed at each Simulation Site.</b></p> <p>Department wise details of Observer is as under-</p> <p><b>Chief Observer- Sh. Baljinder Singh, Commandant, 14<sup>th</sup> NDRF</b></p> <table><tr><td>i) NDRF- 14</td><td>ii) ITBP-07</td></tr><tr><td>iii) CDPO-01</td><td>iv) BSF-03</td></tr><tr><td>v) HPP- 24</td><td>vi) ARMY-20</td></tr><tr><td>vii) SDRF- 02</td><td>viii) BRO-03</td></tr><tr><td>ix) CISF- 09</td><td>x) SSB-03</td></tr><tr><td>xi) HOME GUARD- 02</td><td>xii) Forest- 04</td></tr><tr><td colspan="2"><b>TOTAL-92</b></td></tr></table> <p>Senior Observer's remark are attached at <b>Appendix "B"</b></p>   | i) NDRF- 14 | ii) ITBP-07 | iii) CDPO-01 | iv) BSF-03 | v) HPP- 24 | vi) ARMY-20 | vii) SDRF- 02 | viii) BRO-03 | ix) CISF- 09 | x) SSB-03 | xi) HOME GUARD- 02 | xii) Forest- 04 | <b>TOTAL-92</b> |  |
| i) NDRF- 14        | ii) ITBP-07   |  |             |             |              |            |            |             |               |              |              |           |                    |                 |                 |  |
| iii) CDPO-01       | iv) BSF-03  |  |             |             |              |            |            |             |               |              |              |           |                    |                 |                 |  |
| v) HPP- 24         | vi) ARMY-20   |  |             |             |              |            |            |             |               |              |              |           |                    |                 |                 |  |
| vii) SDRF- 02      | viii) BRO-03  |  |             |             |              |            |            |             |               |              |              |           |                    |                 |                 |  |
| ix) CISF- 09       | x) SSB-03   |  |             |             |              |            |            |             |               |              |              |           |                    |                 |                 |  |
| xi) HOME GUARD- 02 | xii) Forest- 04                                       |  |             |             |              |            |            |             |               |              |              |           |                    |                 |                 |  |
| <b>TOTAL-92</b>    |   |  |             |             |              |            |            |             |               |              |              |           |                    |                 |                 |  |
| 5                  | Details of site activated for mock exercise           | <p><b><u>Details of simulation sites:-</u></b></p> <p>Landslide-21<br/>Flash flood-01<br/>Flood -09<br/>Dam Failure-01<br/>Industrial Fire-01<br/>Fire-09<br/>GLOF-04<br/>Earthquake-53</p>  |             |             |              |            |            |             |               |              |              |           |                    |                 |                 |  |

|   |   | <p>SAR &amp; Relief-18 (Including DEOC)</p> <p>Total <b>117 simulation</b> sites were activated for MEx. List of simulation sites attached in "<b>Appendix-C</b>"</p>  |      |          |                                |   |       |    |   |        |    |   |        |    |   |     |    |   |       |    |   |          |    |   |         |    |   |        |    |   |          |    |    |       |    |    |               |    |    |         |    |   |  |  |
|---|---|--|------|----------|--------------------------------|---|-------|----|---|--------|----|---|--------|----|---|-----|----|---|-------|----|---|----------|----|---|---------|----|---|--------|----|---|----------|----|----|-------|----|----|---------------|----|----|---------|----|---|--|--|
| 6   | District wise detail of observer                    | <p>Chief Observer- Sh. Baljinder Singh, Commandant, 14<sup>th</sup> NDRF at SEOC Shimla.</p> <table border="1"> <thead> <tr> <th>S.no</th><th>District</th><th>No of Sites &amp; OBSERVER DETIALS</th></tr> </thead> <tbody> <tr><td>1</td><td>Mandi</td><td>06</td></tr> <tr><td>2</td><td>Shimla</td><td>12</td></tr> <tr><td>3</td><td>Chamba</td><td>09</td></tr> <tr><td>4</td><td>Una</td><td>06</td></tr> <tr><td>5</td><td>Solan</td><td>10</td></tr> <tr><td>6</td><td>Hamirpur</td><td>07</td></tr> <tr><td>7</td><td>Sirmour</td><td>10</td></tr> <tr><td>8</td><td>Kangra</td><td>12</td></tr> <tr><td>9</td><td>Bilaspur</td><td>04</td></tr> <tr><td>10</td><td>Kullu</td><td>09</td></tr> <tr><td>11</td><td>Lahul &amp; spiti</td><td>03</td></tr> <tr><td>12</td><td>Kinnaur</td><td>04</td></tr> <tr> <td colspan="2"><b>Total:-92</b> (Including chief observer)</td><td></td></tr> </tbody> </table> <p><b>Note:-</b> In some districts, single observer has covered multiple sites.</p> | S.no | District | No of Sites & OBSERVER DETIALS | 1 | Mandi | 06 | 2 | Shimla | 12 | 3 | Chamba | 09 | 4 | Una | 06 | 5 | Solan | 10 | 6 | Hamirpur | 07 | 7 | Sirmour | 10 | 8 | Kangra | 12 | 9 | Bilaspur | 04 | 10 | Kullu | 09 | 11 | Lahul & spiti | 03 | 12 | Kinnaur | 04 | <b>Total:-92</b> (Including chief observer) |  |  |
| S.no  | District  | No of Sites & OBSERVER DETIALS   |      |          |                                |   |       |    |   |        |    |   |        |    |   |     |    |   |       |    |   |          |    |   |         |    |   |        |    |   |          |    |    |       |    |    |               |    |    |         |    |   |  |  |
| 1   | Mandi   | 06   |      |          |                                |   |       |    |   |        |    |   |        |    |   |     |    |   |       |    |   |          |    |   |         |    |   |        |    |   |          |    |    |       |    |    |               |    |    |         |    |   |  |  |
| 2   | Shimla  | 12   |      |          |                                |   |       |    |   |        |    |   |        |    |   |     |    |   |       |    |   |          |    |   |         |    |   |        |    |   |          |    |    |       |    |    |               |    |    |         |    |   |  |  |
| 3   | Chamba  | 09   |      |          |                                |   |       |    |   |        |    |   |        |    |   |     |    |   |       |    |   |          |    |   |         |    |   |        |    |   |          |    |    |       |    |    |               |    |    |         |    |   |  |  |
| 4   | Una   | 06   |      |          |                                |   |       |    |   |        |    |   |        |    |   |     |    |   |       |    |   |          |    |   |         |    |   |        |    |   |          |    |    |       |    |    |               |    |    |         |    |   |  |  |
| 5   | Solan   | 10   |      |          |                                |   |       |    |   |        |    |   |        |    |   |     |    |   |       |    |   |          |    |   |         |    |   |        |    |   |          |    |    |       |    |    |               |    |    |         |    |   |  |  |
| 6   | Hamirpur  | 07   |      |          |                                |   |       |    |   |        |    |   |        |    |   |     |    |   |       |    |   |          |    |   |         |    |   |        |    |   |          |    |    |       |    |    |               |    |    |         |    |   |  |  |
| 7   | Sirmour   | 10   |      |          |                                |   |       |    |   |        |    |   |        |    |   |     |    |   |       |    |   |          |    |   |         |    |   |        |    |   |          |    |    |       |    |    |               |    |    |         |    |   |  |  |
| 8   | Kangra  | 12   |      |          |                                |   |       |    |   |        |    |   |        |    |   |     |    |   |       |    |   |          |    |   |         |    |   |        |    |   |          |    |    |       |    |    |               |    |    |         |    |   |  |  |
| 9   | Bilaspur  | 04   |      |          |                                |   |       |    |   |        |    |   |        |    |   |     |    |   |       |    |   |          |    |   |         |    |   |        |    |   |          |    |    |       |    |    |               |    |    |         |    |   |  |  |
| 10  | Kullu   | 09   |      |          |                                |   |       |    |   |        |    |   |        |    |   |     |    |   |       |    |   |          |    |   |         |    |   |        |    |   |          |    |    |       |    |    |               |    |    |         |    |   |  |  |
| 11  | Lahul & spiti                                       | 03   |      |          |                                |   |       |    |   |        |    |   |        |    |   |     |    |   |       |    |   |          |    |   |         |    |   |        |    |   |          |    |    |       |    |    |               |    |    |         |    |   |  |  |
| 12  | Kinnaur   | 04   |      |          |                                |   |       |    |   |        |    |   |        |    |   |     |    |   |       |    |   |          |    |   |         |    |   |        |    |   |          |    |    |       |    |    |               |    |    |         |    |   |  |  |
| <b>Total:-92</b> (Including chief observer) |   |  |      |          |                                |   |       |    |   |        |    |   |        |    |   |     |    |   |       |    |   |          |    |   |         |    |   |        |    |   |          |    |    |       |    |    |               |    |    |         |    |   |  |  |
| 7   | Status of the state DM plan available/not Available | DM Plans has been prepared by SDMA and DDMA's.   |      |          |                                |   |       |    |   |        |    |   |        |    |   |     |    |   |       |    |   |          |    |   |         |    |   |        |    |   |          |    |    |       |    |    |               |    |    |         |    |   |  |  |
| 8   | Status of SEOC                                      | SEOC is functioning at SDMA, Shimla, HP as per IRS guidelines and assisted by DEOC at every Districts of Himachal Pradesh.   |      |          |                                |   |       |    |   |        |    |   |        |    |   |     |    |   |       |    |   |          |    |   |         |    |   |        |    |   |          |    |    |       |    |    |               |    |    |         |    |   |  |  |

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 COMMANDANT  
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**"Appendix-B"**  
**Senior Observer's Remarks**

| S.NO | Distt    | Observer Name                          | Remarks   |
|------|----------|--|---|
| 1    | Bilaspur | Sh. Ajay Bali<br>DC CISF               | <p><b><u>Positive Point</u></b></p> <p>1.The incident commander brief all team's very well.<br/> 2. Reaction time was good<br/> 3.The medical staff was appropriate according to the need.<br/> 4.Triage of victims was done correctly</p> <p><b><u>Shortcoming</u></b></p> <p>1. The scene was not secured.<br/> 2. The stretcher was not tied by straps<br/> 3. Helmet was not worn while removing the victims<br/> 4. Home Guard, volunteer and police personnel together went to the incident site without proper drill<br/> 5. No C-Collier apply to trauma patient<br/> 6. Entry and exit was same<br/> 7. Hand off report not given by rescue team</p> <p><b><u>Suggestion</u></b></p> <p>First of all secure the scene. The search team should go to the incident site.<br/> The search team will locate the victims. After the search the team commander will give task to team and assign the victim. The rescue team will treat the victim according to the injury and take him out and hand him over to the medical team.</p> |
| 2    | Chamba   | Sh. Harsh AC<br>CISF                   | <p><b><u>Positive Point</u></b></p> <p>Overall good response , good first aid and medical support ,<br/> quick SAR, good Infra restoration</p> <p><b><u>Shortcoming</u></b></p> <p>Could have approached the site faster.</p> <p><b><u>Suggestion</u></b></p> <p>Faster response time</p>   |
| 3    | Hamirpur | Insp/Gd<br>Mahendra<br>Manohar<br>NDRF | <p><b><u>Positive Point</u></b></p> <p>Co-ordination was very good, response time was very good</p> <p><b><u>Shortcoming</u></b></p> <p>Specialized equipment for search &amp; rescue is not available.</p> <p><b><u>Suggestion</u></b></p> <p>No any, over all good</p>  |
| 4    | Kangra   | Major Partap<br>Army                   | <p><b><u>Positive Point</u></b></p> <p>Swift response to situation. Awareness about situations. Well organized staging area. Adequate persons from all agencies available. Catered for contingencies. V-Sat for communication. Trained personnel.</p> <p><b><u>Shortcoming</u></b></p>  |

|   |               |                              |   |
|---|---------------|------------------------------|---|
|   |               |                              | <p>Specialized/trained individual for rescue not adequate. Specialized equipment for search operations not available. Establishing communication set up was significantly delayed. Precise mapping of resources yet to be done especially fuel. No coordination carried out with airborne assets.</p> <p><b><u>Suggestion</u></b><br/>         Dharamshala being a hilly terrain, mapping of AT resources can be done. To avoid reliability on electricity, generators to mapped. Congestion in relief camps to betaken into account.</p> |
| 5 | Kinnaur       | Dr. Vipin Soni<br>AC/MO ITBP | <p><b><u>Positive Point</u></b><br/>         Team putted good efforts to manage the situation. Team were motivated and had good communication and coordination.</p> <p><b><u>Shortcoming</u></b><br/>         Team Need to improve skills so they can manage unpredictable situation</p> <p><b><u>Suggestion</u></b><br/>         Training should be conducted in every quarterly .</p>   |
| 6 | Kullu         | Sh. Bhim Singh AC<br>ITBP    | <p><b><u>Positive Point</u></b><br/>         All civil departments and CAPF are well coordinated and done the exercise effectively</p> <p><b><u>Shortcoming</u></b><br/>         There is only one route for staging and relief point for coming and exit of veh.</p> <p><b><u>Suggestion</u></b><br/>         This type of exercise needs to be conducted twice a year for better cordination.</p>   |
| 7 | Lahaul &Spiti | Sh. Shiv Raj Rana DC<br>ITBP | <p><b><u>Positive Point</u></b><br/>         The whole exercise under command of Miss. Sikha, HPAS SDM Kaza (on behalf of ADC Kaza) carried out work was outstanding.<br/>         Whole exercise was got very good.<br/>         ITBP female work was outstanding and recommended to highly appreciation to all females, Rest all Okay.</p> <p><b><u>Shortcoming</u></b><br/>         NIL</p> <p><b><u>Suggestion</u></b><br/>         NIL</p>   |
| 8 | Mandi         | Sh. K Palaniswami<br>SM      | <p><b><u>Positive Point</u></b><br/>         Smoothly function all situation</p> <p><b><u>Shortcoming</u></b><br/>         In sufficient communication system</p> <p><b><u>Suggestion</u></b><br/>         NIL</p>  |
| 9 | Shimla        | Major Aman Yadav             | <p><b><u>Positive Point</u></b><br/>         Immediate activation of EOC, clear demarcation of duties, swift response to contingencies</p> <p><b><u>Shortcoming</u></b></p>   |



|    |         |                          |  |
|----|---------|--------------------------|--|
|    |         |                          | Resources may be marked on map for fast deployment.<br><b><u>Suggestion</u></b><br>Redundancy in EOC setup   |
| 10 | Sirmour | Sh. Anil Dutt HPS        | <b><u>Positive Point</u></b><br>The whole staff of the medical college was alert and their response was quick.<br>NCC and Home guards also performed effectively.<br><b><u>Shortcoming</u></b><br>The roads leading to the medical college are congested because on the one side of the Road locals parked their vehicles.<br><b><u>Suggestion</u></b><br>The roads leading to the hospital should always remain clear.  |
| 11 | Solan   | Lt. Col. Vikamjeet Singh | <b><u>Positive Point</u></b><br>Wireless Communication was available and was utilized appropriately.<br>All the section heads were aware about their basic responsibilities.<br>Traffic management was done adequately.<br>Planning and coord amongst section head within staging area was streamlined<br><b><u>Shortcoming</u></b><br>Need to have SOPs. Reliability on resources available on IRDN site needs to be vetted.<br>Intra-communication within teams was non-existent.<br>Lack of adequate space at staging Area.<br><b><u>Suggestion</u></b><br>Need to find suitable place for staging areas. Mob VHF's should be provided to all the SDMs of districts as well as important stake holders. Med authorities should be provided with tentage and folding beds to enhance their capabilities during surge in casualties. Mock drills at various institutions needs to be conducted and safety measures to be vetted by some district disaster management officer. Vulnerable areas as well as critical areas needs to be identified and their layout and area map should be existing with the DEOC. |
| 12 | Una     | Sh. Karam Singh AC NDRF  | <b><u>Positive Point</u></b><br>Evacuation drill properly followed. Early warning system properly used. DEOC and IRS activated. Staging area and onsite plan and offsite plan was organized properly. Response was very comprehensive. District hospital plan of emergency was very comprehensive and also there was the contingency plan also for the victims and properly the duties were assigned and briefed. There was the plan also for shifting the patient for higher medical assistant and treatment. All stakeholders were having the knowledge about their duty and rolls. Specially hospitals and  |

|  |  |  |  |
|--|--|--|--|
|  |  |  | <p>paramedical staff did excellent job. DEOC did well. Relief camp was organized properly</p> <p><b><u>Shortcoming</u></b></p> <p>Proper layout of staging area, sign boards are required properly</p> <p><b><u>Suggestion</u></b></p> <p>There are some needs to improvement. Need the mock exercise on the quarterly basis for more smoothly conduct of the exercise,swiftness. Implementation of proper staging area.</p> |
|--|--|--|--|

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Dharmender Thakur  
DC(OPS)  
14TH BN INDRF  
Date: 11.06.2025  
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**"Appendix-A"****Chief Observer's Remarks****Good practices: -**

- i. The state has demonstrated resilience by maintaining critical services.
- ii. SEOC was activated as per IRS. Staff was earmarked for data entry & maintenance.
- iii. ICP was established at each district under supervision of Deputy Commissioner.
- iv. Local rescue agencies, including Police, Fire service and home guards/Civil Defense Volunteers were involved in MEx.
- v. The prompt response displayed by the response teams reflected a certain level of readiness and preparedness to handle emergencies effectively.
- vi. All section Chiefs immediately responded to the situation.
- vii. Medical units were active and responded on time.
- viii. Overall participation of all stakeholders was good.

**Suggestion for future :-**

- i. State needs to enhance Business Continuity Plan to ensure the continuity of operations up to seven days during major disruptions
- ii. The necessity of regular risk assessments and contingency planning to identify potential hazards and develop appropriate mitigation strategies.
- iii. Officials/Stakeholders lack clarity regarding staging area, relief camps and ICP. Staging area and relief camps should be earmarked in advance for better response.
- iv. Relief camp should be established away from Staging area.
- v. Staging Area needs to be established in wide space to avoid vehicle congestion with separate entry and exit routes. If wide area is not available in mountainous regions, different pockets in close proximity may be used for Staging Area.
- vi. Make shift hospital should be established to cater the higher demand of medical facilities during disaster. Sufficient ambulances and medical facilities will be attached with Staging Area and Relief Camps.
- vii. There is an equal probability of incident occurring at night so that such type of exercises may also be conducted during night.

**Recommendations for improvement and follow up by the state.**

- i. Inter agency group coordination, involvement of NGOs and local Bodies needs to be incorporated.

- ii. Participation of SDRF needs to be enhanced. SDRF should be empowered with sufficient strength and latest equipment.
- iii. Representatives and stakeholders of Planning Section, Operation Section and Logistic section at SEOC need awareness of their roles and responsibilities.
- iv. Although IRS was followed by SDMA and DDMA's during MEx but there was lack of clarity regarding task among officials & stakeholders. Therefore IRS should be strengthened on ground and training of IRS to officials and stakeholders up to sub-division level may be conducted.
- v. Strengthening collaboration and coordination among different departments, agencies, and organizations involved in disaster management will streamline response efforts and improve overall effectiveness.
- vi. Department wise SOPs on disaster response must be followed on ground.
- vii. Minimum essential DM equipment required for Police, home guards, Civil defense, Apada Mitras & volunteers may be worked out state and provided to these agencies for effective community response.
- viii. MAH Units should be well versed with the response mechanism of other MAH Units available in state and dedicated response teams of MAH Units may remain under control of State Authorities so that they can be utilized in any emergent situation in all MAH units of state.
- ix. Resources and equipment of all stakeholders (including Armed forces) should be listed and earmarked well in time for better utilization & early deployment during disastrous situations. Stocking of fuel, earth movers, rations, medicines, communication equipment and all necessary items should be placed in high hills and far-flung areas of Chamba, Kullu, Kinnaur, Lahaul & Spiti, Shimla and Sirmour Districts well before for emergent situation.
- x. Need to draft SOPs separately for all vulnerable area like villages, hospitals, schools etc and it should be rehearsed periodically.
- xi. While the communication among response teams was good, there is a need to strengthen communication systems to ensure real-time information exchange and co-ordination.
- xii. State has ensured the availability of satellite phones up to sub-divisional level which may further be extended by increasing 2 to 3 nos. of satellite phone at each sub-division.
- xiii. During the major disruptions, the state will require more response teams, humanitarian assistance and emergency medical/logistic support from other parts of country and foreign countries. State has



not catered reception and departure for these teams /support services. No RDC (Reception and Departure Centers) were established during MEx. It is suggested to establish 02 to 03 RDCs during such exercises.

- xiv. Nodal officer Air of state may ensure the activation of nearby airways i.e Pathankot, Chandigarh and Ambala and further activation of small airports like Dharamshala, Shimla, Kullu. The helipads/dropping zones also needs to be activated.
- xv. Requirement of vehicles for teams and support services from RDC to incident sites needs to be calculated.
- xvi. The requirement of fuel, food and accommodation for response teams and support services should be calculated.
- xvii. Modeling/Mapping of GLOFs and its affected area has been conducted by State Authorities, which is a good initiative. It is also suggested to conduct the Modeling/ Mapping of Dams and downstream affected areas in the State.
- xviii. Green corridor for the movement of rescue agencies to be pre-determined for easy and swift movement of rescue agencies.
- xix. Continuous training and capacity building initiatives are essential to enhance the skills and preparedness of response teams and equip them with the necessary knowledge to handle diverse disaster scenarios effectively.
- xx. Greater efforts are required to raise public awareness about disaster preparedness and engage the community in disaster management initiatives to foster a culture of resilience.
- xxi. A comprehensive approach to post-disaster recovery and rehabilitation is essential to ensure the smooth restoration of affected areas and communities following a disaster.
- xxii. Exploring the integration of advanced technologies such as early warning systems, GIS mapping and drones can further enhance the state's disaster management capabilities.

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Date: 12-06-2025  
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**Simulation Site Name****"Appendix- C"**

| SN | Dist.    | Type of Scenario      | Sub Division Name              | Simulation Site Name (Scenario)   | Name of Observer        | Designation            | Mobile Number |
|----|----------|-----------------------|--------------------------------|---|-------------------------|------------------------|---------------|
| 1. | Bilaspur | Dam Failure           | HQ/Sadar                       | 1. NTPC Koldam- Dam damage due to EQ<br>2. Housing Boarding Colony- Building Collapse<br>3.Puranam Mall- Earthquake Evacuation<br>1. Title of Scenario -Dam Failure due to Earthquake, Building Collapse Earthquake Evacuation<br>2. Triggering Event (Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (Block-Sadar/Sub Div-Sadar/Village-Barmana)<br>4. Estimated Affected Population-1800<br>5. Critical Infrastructure at Risk (bridges, Civil hospitals, GSSS Barmana, Koldam)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (Not available)<br>10. Any Past Incidents in the Region (reference year) | Sh. Ajay Bali<br>DC/EXE | Dy. Commandant<br>CISF | 9418174235    |
| 2. |          | Fire/Earthquake       | Ghumarwin                      | GDC Ghumarwin - Fire/Earthquake Evacuation<br>1. Title of Scenario -Fire/Earthquake Evacuation<br>2. Triggering Event ( Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (Ghumarwin/Sub Div.-Ghumarwin/Village-Kallari)<br>4. Estimated Affected Population-650<br>5. Critical Infrastructure at Risk (Building Collapse due to earthquake)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (Not available)<br>10. Any Past Incidents in the Region (reference year)   | Sh. Amar Nath           | ASI SDRF<br>Pandoh     | 9882345207    |
| 3. |          | Building Collapse     | Jhandhuta                      | Civil Hospital Jhandutta- Hospital Building Collapse<br>1. Title of Scenario-Hospital Building Collapse<br>2. Triggering Event (Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (Block-Jhandutta/Sub Div-Jhandutta/Village-Jhandutta)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (hospitals)<br>6. Immediate Needs and Response Challenges-<br>7. Lead Agencies & Coordination Points-<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (Not available)<br>10. Any Past Incidents in the Region (reference year)  | Sh. Jagdish Chand       | SHO                    | 7650950415    |
| 4. |          | Earthquake evacuation | Shri Naina Devi Ji at Swarghat | Shri Naina Devi Temple- Earthquake Evacuation<br>1. Title of Scenario -Earthquake Evacuation<br>2. Triggering Event ( Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block - Swarghat/sub-division- Swarghat/village Naina Devi)<br>4. Estimated Affected Population-2200<br>5. Critical Infrastructure at Risk (roads, Ropeway, hospitals, schools)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources  | Insp. Vivek Verma       | INSPNDRF               | 8445146310    |

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|     |        |                                   |           | 9. Map or Sketch (Not available)<br>10. Any Past Incidents in the Region (Stampade-2008)   |                                 |  |                          |
| 5.  | chamba | Fire                              | Bharmour  | GSSS Holi School Premises – Fire Simulation<br>Triggering Event- Earthquake leads to Fire incident in chemistry lab of GSSS Holi,<br>Probable Impact Area- Govt. Sr Sec. School Holi.<br>Estimated Affected Population- 150<br>Critical Infrastructure at Risk- School Building<br>Immediate Needs and Response Challenges- Removal of debris, evacuation of school staff /Students and shifting to the medical facilities<br>Lead Agencies & Coordination Points- HG/ HPPWD/Health/NGO  | Sh. Sandeep Kumar Dhiman        |  |                          |
| 6.  |        | Building Collapse                 | Bhattiyat | Civil Hospital Chowari- Hospital Building Collapse<br>Triggering Event- Earthquake leads to Civil Hospital Building Collapse<br>Probable Impact Area- Bhattiyat Sub-Division.<br>Estimated Affected Population- 5000<br>Critical Infrastructure at Risk- Hospital,<br>Immediate Needs and Response Challenges- Evacuation of patients, expansion of medical care facilities in other sections of the hospital, and safety of medical equipment.<br>Lead Agencies - HG/ Police/HPPWD/Fire   | Sh Dharam Bir                   | CDPO Bhattiyat                         | 98058857759              |
| 7.  |        | Earthquake evacuation             | Salooni   | Salooni Bazar- Residential/Market Area – Earthquake evacuation<br>Triggering Event- Earthquake leads to Collapse of various shops in Salooni Market resulted in Trapping of Civillians<br>Probable Impact Area- Salooni Market area.<br>Estimated Affected Population- 500 Approx.<br>Critical Infrastructure at Risk- Essential Supplies,<br>Immediate Needs and Response Challenges- Road & debris Clearance, Evacuation of Citizen, establishment of temporary shelter<br>Lead Agencies & Coordination Points- CISF/HG/ HPPWD | Sh. Akhilesh Kumar              | SHO Kihar                              |                          |
| 8.  |        | Landslide & Communication Failure | Chamba    | Bagga Dam-Chamera II Dam – Landslide & Communication Failure<br>Triggering Event- Earthquake leads to Landslide & Communication Failure<br>Probable Impact Area- Chamba and Bharmour area.<br>Estimated Affected Population- 50000<br>Critical Infrastructure at Risk- NH154A road, Bridge,<br>Immediate Needs and Response Challenges- Road Clearance, communication establishment<br>Lead Agencies & Coordination Points- CISF/HG/ HPPWD   | Mr. Shri Harsh                  | Asstt. Comdt., CISF Unit CHEP II & III | 9319719869               |
| 9.  |        | Bridge Collapse                   | Chamba    | Saal Khad Bridge- NH 154A-Bridge Collapse due to Earthquake<br>Triggering Event- Earthquake leads to collapse of Saal Khad Bridge near to Chamba Sahu road<br>Probable Impact Area- Chamba city, Tissa & Salooni.<br>Estimated Affected Population- 75000 apx.<br>Critical Infrastructure at Risk- DH Chamba, Bridge, Road<br>Immediate Needs and Response Challenges- Establishment of temporary road, Road Clearance,<br>Lead Agencies & Coordination Points- HPPWD  | Mr. Krishan Chander Malik       | Inspector/Exe, CISF Unit CHEP-I        | 9654572062<br>9541464879 |
| 10. |        | Fire                              | Chamba    | Bhuri Singh museum- Govt. Building – Fire Emergency<br>Triggering Event- Earthquake leads to collapse of 1st floor, Bhuri Singh museum<br>Probable Impact Area- Bhuri Singh museum<br>Estimated Affected people- 50 staff & Visitor<br>Critical Infrastructure at Risk-<br>Immediate Needs and Response Challenges- Clearing of debris, Fire in visitor lobby, Evacuation of trapped Staff and visitor<br>Lead Agencies & Coordination Points-   | Mr. Moirangthem Lokeshwar Singh | Sub-Inspector/Exe, CISF Unit CHEP      | 9856685737               |

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|     |         |  |           | HPPWD/Health/HG/Police  |                                   |                                 |             |
| 11. |         | SAR Simulation & First Air with TRIAGE | Chamba    | Govt Millennium Polytechnic-ITI – SAR Simulation & First Air with TRIAGE<br>Triggering Event- Earthquake leads to damage to electrical wing of ITI building<br>Probable Impact Area- Govt Millennium Polytechnic<br>Estimated Affected Population- 200 Students Approx.<br>Critical Infrastructure at Risk- College building<br>Immediate Needs and Response- Challenges- clearing of debris, establishment of Medical Health Post<br>Lead Agencies & Coordination Points- Health/HG/HPPWD  | Mr. Vivek Kumar Das               | SI/Exe, CISF Unit CHEP II & III | 7782940347  |
| 12. |         | Building Collapse                      | Dalhousie | NHPC Ed Office Banikhet-Govt. Office Building Collapse<br>Triggering Event- Earthquake leads to collapse of a portion of NHPC ED Office<br>Probable Impact Area-ED Office NHPC.<br>Estimated Affected Population- 50-60 Staff<br>Critical Infrastructure at Risk- Office Building, Immediate Needs and Response Challenges- Road Clearance, communication establishment<br>Lead Agencies & Coordination Points- CISF/HG/ HPPWD  | Sh. Hemant Thakur                 | DSP Dalhousie                   |             |
| 13. |         | Avalanche                              | Pangi     | Mini Secretariat killar pangi- Avalanche in Mini Secretariat killar pangi<br>Triggering Event- Earthquake leads to Avalanche near to Mini Secretariat Pangi<br>Probable Impact Area- Area near to Mini Secretariat.<br>Estimated Affected Population- 250 Approx.<br>Critical Infrastructure at Risk- Mini Secretariat and other residential building<br>Immediate Needs and Response Challenges- debris Clearance , restoration of electricity and water supply.<br>Lead Agencies & Coordination Points- HG/ HPPWD   | Cpt. Sunil                        | BRO-                            | 9317775098  |
| 14. | hamipur | Building Collapse                      | HQ        | 1) RKGMC Hamirpur- Building Collapse<br>1. Title of Scenario (Collapse of one section of RKGMC Hospital and there is also a need to expand the capacity of Hospital for medical services)<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (MC Hamirpur and All Sub Divisions)<br>4. Estimated Affected Population (50000)<br>5. Critical Infrastructure at Risk (hospitals)<br>6. Immediate Needs and Response Challenges<br>Evacuation of patients, expansion of medical care facilities in other sections of the hospital, and safety of medical equipment.<br>7. Lead Agencies & Coordination Points (Police and Home Guards will be responsible for the initial response, followed by NDRF and SDRF for further operations, under the coordination of the SDM and Medical Superintendent.<br>8. Suggested Response Strategy and Local Resources (NGOs and Local Volunteers)<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (NO) | Insp Mahendar Manohar, NDRF, 14BN | Inspector, NDRF 14Bn            | 81014-37494 |
| 15. |         | Building Collapse                      | Barsar    | 2) Shastri Nagar Chakmoh<br>1. Title of Scenario (Collapse of College Building)<br>2. Triggering Event (Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (Sub Division Barsar)<br>4. Estimated Affected Population (450)<br>5. Critical Infrastructure at Risk -<br>6. Immediate Needs and Response Challenges- ( Evacuation of students and staff, shifting to medical facilities )<br>7. Lead Agencies & Coordination Points: (Police and Home Guards will be responsible for the initial response, followed by NDRF and SDRF for further operations, under the  | HC Manmohan, NDRF, 14Bn           | Head Constable, NDRF, 14Bn      | 91495-76253 |



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|     |  |                   |          | coordination of the SDM .<br>8. Suggested Response Strategy and Local Resources (NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (NO)  |                                   |                            |             |
| 16. |  | Landslide         | Barsar   | 3. Baba Balak Nath Temple Deotsidh Taxi Stand Ground-Landslide 1. 1. Title of Scenario (Landslide near the parking area of Baba Balaknath Temple resulting in the burial of some vehicles.)<br>2. Triggering Event (Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (Sub Division Barsar)<br>4. Estimated Affected Population (50 to 100)<br>5. Critical Infrastructure at Risk -<br>6. Immediate Needs and Response Challenges:- ( Removal of debris, search and rescue of victims, road clearance, and provision of medical aid.)<br>7. Lead Agencies & Coordination Points: (Police, HPPWD, and Home Guards will be responsible for the initial response, followed by NDRF and SDRF for further operations, under the coordination of the SDM .<br>8. Suggested Response Strategy and Local Resources (Temple Trust, NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (NO) | HC Manmohan, NDRF 14 Bn           | Head Constable, NDRF, 14Bn | 91495-76253 |
| 17. |  | Building Collapse | Bhoranj  | 4) GSSS Mandkhar - School Building Collapse<br>1. Title of Scenario (Collapse of the school building)<br>2. Triggering Event (Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (Sub Division Bhoranj)<br>4. Estimated Affected Population (800)<br>5. Critical Infrastructure at Risk -<br>6. Immediate Needs and Response Challenges:- ( Removal of debris, evacuation of school staff and shifting to the medical facilities.)<br>7. Lead Agencies & Coordination Points: (Police, HPPWD, and Home Guards will be responsible for the initial response, followed by NDRF and SDRF for further operations, under the coordination of the SDM .<br>8. Suggested Response Strategy and Local Resources ( NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (NO)  | HC Komal Rajput, NDRF 14 Bn       | Head Constable, NDRF 14Bn  | 95792-47194 |
| 18. |  | Fire              | Bhoranj  | 5) GSSS Badhani -Fire 1. Title of Scenario (Fire in the school building)<br>2. Triggering Event (Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (Sub Division Bhoranj)<br>4. Estimated Affected Population (650)<br>5. Critical Infrastructure at Risk -<br>6. Immediate Needs and Response Challenges:- ( Putting Off fire, evacuation of school staff and shifting to the medical facilities.)<br>7. Lead Agencies & Coordination Points: (Fire, Police, HPPWD, and Home Guards .)<br>8. Suggested Response Strategy and Local Resources (NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (NO)  | HC Komal Rajput, NDRF 14 Bn       | Head Constable, NDRF 14Bn  | 95792-47194 |
| 19. |  | Building Collapse | Hamirpur | 6) Bus Stand Hamirpur-Building Collapse<br>1. Title of Scenario (Collapse of Bus Stand Building)<br>2. Triggering Event (Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (Sub Division Hamirpur)<br>4. Estimated Affected Population (300)   | Insp Mahendar Manohar, NDRF, 14BN | Inspector, NDRF 14Bn       | 81014-37494 |

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|-----|--|-------------------|----------|---|-------------------------|----------------------------|-------------------------|
|     |  |                   |          | <p>5. Critical Infrastructure at Risk - Bus Stand Building</p> <p>6. Immediate Needs and Response Challenges:- ( Evacuation of travelers, transfer to medical facilities and restoration of transport services.)</p> <p>7. Lead Agencies &amp; Coordination Points: (Police and Home Guards will be responsible for the initial response, followed by NDRF, Army and SDRF for further operations, under the coordination of the SDM .</p> <p>8. Suggested Response Strategy and Local Resources (NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)</p> <p>9. Map or Sketch (if available)</p> <p>10. Any Past Incidents in the Region (NO)</p>   |                         |                            |                         |
| 20. |  | Fire              | Nadaun   | <p>7) Yashpal Sahitya Sanskriti Sadan Nadaun-Fire</p> <p>1. Title of Scenario (Fire Incident)</p> <p>2. Triggering Event (Earthquake of 8.0 magnitude)</p> <p>3. Probable Impact Area (Sub Division Nadaun)</p> <p>4. Estimated Affected Population (30 to 40)</p> <p>5. Critical Infrastructure at Risk -</p> <p>6. Immediate Needs and Response Challenges:- ( Putting off fire, Evacuation of stranded persons, shifting to medical facilities , Saving sarounding infrastructure)</p> <p>7. Lead Agencies &amp; Coordination Points: ( Fire, Police and Home Guards.)</p> <p>8. Suggested Response Strategy and Local Resources (NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)</p> <p>9. Map or Sketch (if available)</p> <p>10. Any Past Incidents in the Region (NO)</p>   | SI Ankush, NDRF, 14Bn   | Sub Inspector, NDRF, 14Bn  | 93407-24097             |
| 21. |  | Evacuation        | Nadaun   | <p>8) Village Kohla- Evacuation of Village</p> <p>1. Title of Scenario (Due to damage to the Pandoh Dam, the villagers are required to be evacuated and shifted to a relief camp.)</p> <p>2. Triggering Event (Earthquake of 8.0 magnitude)</p> <p>3. Probable Impact Area (Sub Division Nadaun)</p> <p>4. Estimated Affected Population (450)</p> <p>5. Critical Infrastructure at Risk -</p> <p>6. Immediate Needs and Response Challenges:- ( Evacuation of villagers, setting up of relief camp )</p> <p>7. Lead Agencies &amp; Coordination Points: (Police and Home Guards.)</p> <p>8. Suggested Response Strategy and Local Resources (NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)</p> <p>9. Map or Sketch (if available)</p> <p>10. Any Past Incidents in the Region (NO)</p>  | SI Ankush, NDRF, 14Bn   | Sub Inspector, NDRF, 14Bn  | 93407-24097             |
| 22. |  | Building Collapse | Sujanpur | <p>9) Mini Secretariat Office Sujanpur-Building Collapse</p> <p>1. Title of Scenario (Collapse of Mini Secretariat Building)</p> <p>2. Triggering Event (Earthquake of 8.0 magnitude)</p> <p>3. Probable Impact Area (Sub Division Sujanpr)</p> <p>4. Estimated Affected Population (300)</p> <p>5. Critical Infrastructure at Risk - Mini Secretariat Office Sujanpur</p> <p>6. Immediate Needs and Response Challenges:- ( Evacuation of staff and visitors, shifting to medical facilities, removal of debris, and search and rescue operations)</p> <p>7. Lead Agencies &amp; Coordination Points: (Police and Home Guards will be responsible for the initial response, followed by NDRF and SDRF for further operations, under the coordination of the SDM.)</p> <p>8. Suggested Response Strategy and Local Resources (NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)</p> <p>9. Map or Sketch (if available)</p> | Inspector Kulwant Singh | Inspector, District Police | 9418536768 , 8219663182 |

|     |        |            |                 |   |                         |                            |                          |
|-----|--------|------------|-----------------|---|-------------------------|----------------------------|--------------------------|
| 23. |        | Evacuation | Sujanpur        | <p>10. Any Past Incidents in the Region (NO)</p> <p>Jol Plahi -Evacuation of Village</p> <p>1. Title of Scenario (Due to damage to the Pandoh Dam, the villagers are required to be evacuated and shifted to a relief camp)</p> <p>2. Triggering Event (Earthquake of 8.0 magnitude)</p> <p>3. Probable Impact Area (Sub Division Sujanpur)</p> <p>4. Estimated Affected Population (400)</p> <p>5. Critical Infrastructure at Risk -</p> <p>6. Immediate Needs and Response Challenges:- ( Evacuation of students and staff, shifting to medical facilities )</p> <p>7. Lead Agencies &amp; Coordination Points: (Police, Home Guards, and allied departments, under the coordination of the SDM.)</p> <p>8. Suggested Response Strategy and Local Resources (NGOs and Local Volunteers, Civil Defence Volunteers, CBOs)</p> <p>9. Map or Sketch (if available)</p> <p>10. Any Past Incidents in the Region (NO)</p>   | Inspector Kulwant Singh | Inspector, District Police | 9418536768<br>8219663182 |
| 24. | kangra |            | HQ /Dharamshala | <p>1) Pillar No 4 Ropeway Dharamshala1.</p> <p>1. Title of Scenario Landslide</p> <p>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)</p> <p>3. Probable Impact Area (Dharamshala/sub-division Dharamshala/village kotwali )</p> <p>4. Estimated Affected Population 200</p> <p>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, kotwali bazar water supply, electercity connectivity .)</p> <p>6. Immediate Needs and Response Challenges JCBs, Tippers, Crane, Ambulances, SAR Team, Police, First Responders, SDRF etc.</p> <p>7. Lead Agencies &amp; Coordination Points Police, Fire Services, Home Guards, SDRF, NDRF, Youth Volunteers, NSS, NCC, Aapda Mitra Volunteers, local agency etc.</p> <p>8. Suggested Response Strategy and Local Resources Police SDRF volunteers ,Local Authorites Safe Evacuation, Search and Rescue Operation, provide the medical first aid, youth volunteers, ex-servicesman volunteering etc.</p> | sub. dharm Veer         | 18 Jatt, Dharmashala cantt | 7088332188               |
| 25. |        | Landslide  |                 | <p>Kirpu Mod Jogiwara,McLeodganj</p> <p>1. Title of Scenario Landslide</p> <p>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)</p> <p>3. Probable Impact Area (block Dharamshala /sub-division Dharamshala/village Jogiwara</p> <p>4. Estimated Affected Population 3000</p> <p>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, Taxi Stand,Hotel.)</p> <p>6. Immediate Needs and Response Challenges JCBs, Tippers, Crane, Ambulances, Police, First Responders, SDRF etc.</p> <p>7. Lead Agencies &amp; Coordination Points SDRF, NDRF.and Health, Police, Fire Services, Home Guards, SDRF, NDRF, Youth Volunteers, NSS, NCC, Aapda Mitra Volunteers etc.</p> <p>8. Suggested Response Strategy and Local Resources</p> <p>9. Map or Sketch (if available)</p> <p>10. Any Past Incidents in the Region (reference year)</p>  | sub. dharm Veer         | 18 Jatt, Dharmashala cantt | 7088332188               |
| 26. |        | Landslide  |                 | <p>Indrunag Temple</p> <p>1. Title of Scenario Landslide</p> <p>2. Triggering Event (e.g., Earthquake of 4.0 magnitude)</p> <p>3. Probable Impact Area(block Dharamshala /sub-division Dharamshala/village indrunag</p> <p>4. Estimated Affected Population 500</p> <p>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, )</p> <p>6. Immediate Needs and Response Challenges SDRF, NDRF.and Health, JCBs, Crane, Ambulances, Police, First Responders, SDRF</p>   | sub. dharm Veer         | 18 Jatt, Dharmashala cantt | 7088332188               |

|     |  |       |          |  |                          |                            |            |
|-----|--|-------|----------|--|--------------------------|----------------------------|------------|
|     |  |       |          | etc<br>7. Lead Agencies & Coordination Points Police, Fire Services, Home Guards, SDRF, NDRF, Youth Volunteers, NSS, NCC, Aapda Mitra Volunteers etc.<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)  |                          |                            |            |
| 27. |  | Flood |          | PODRDA Office<br>1. Title of Scenario Flood<br>2. Triggering Event Triggering Event-Earthquake leads to Building collapse & Communication Failure<br>3. Probable Impact Area Probable Impact Area- PO DRDA Office<br><br>4. Estimated Affected Population 200<br>5. Critical Infrastructure at RiskCritical Infrastructure at PO DRDA Office and road.<br>6. Immediate Needs and Response Challenges- Search, evacuation Road Clearance, communication establishment<br><br>7. Lead Agencies & Coordination Points- NDRF, Fire, Health, SDRF, Police, HPPW.<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (Manji khad 2023) | sub. dharm Veer          | 18 Jatt, Dharmashala cantt | 7088332188 |
| 28. |  |       | Baijnath | Govt. Degree College Baijnath<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)<br>10. Any Past Incidents in the Region (reference year)  | Nb Sub Laxman Lal Sharma | Army Holta Palampur cantt  | 8899667201 |
| 29. |  | Fire  | Dehra    | Govt. Degree College Baijnath<br>1. Title of Scenario Fire<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)<br>10. Any Past Incidents in the Region (reference year)   | S. P. Tondup Dy Comdt    | SSB Sapri Jawalaji         | 9621656581 |
| 30. |  |       | Dheera   | Civil Hospital Thural<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local   | Naib. Sub. Sohan Singh   | 16 Grah RIF, Yol           | 9682586645 |



|     |  |             |   |                           |                                   |             |
|-----|--|-------------|---|---------------------------|-----------------------------------|-------------|
|     |  |             | Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)<br>10. Any Past Incidents in the Region (reference year)  |                           |                                   |             |
| 31. |  | Fatehpur    | Degree college Dehri<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)   |                           |                                   |             |
| 32. |  | Indora      | ITI Gangath<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)  |                           |                                   |             |
| 33. |  | Jaisinghpur | GSSS, Balakrupi<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)  | Sub. SHivkant Shukla      | 100 Field Regiment D/Shala Cantt. | 9622329548  |
| 34. |  | Jawali      | Govt. ITI (Bhanei) Jawali<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)<br>10. Any Past Incidents in the Region (reference year) |                           |                                   |             |
| 35. |  | Jwalamukhi  | Jwalamukhi Town, Temple Premises and adjacent market area<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population   | Chandan Kumar Asstt Comdt | SSB Sapri Jawalaji.               | 77828 69605 |

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|     |  |                | 5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)<br>10. Any Past Incidents in the Region (reference year)   |                   |                           |            |
| 36. |  | Kangra         | Baner Khad<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)                          | SI Vipin Bhaduria | BSF                       | 9627728658 |
| 37. |  | Nagrota Bagwan | Mother Teresa Global Convent School<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year) | ASI GhanShyam     | BSF                       | 7607515150 |
| 38. |  | Nurpur         | Arya Govt. Degree College Nurpur<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)    |                   |                           |            |
| 39. |  | Palampur       | Saurabh Van Vihar Palampur<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)          | Sub K.K Patiyal   | Army Holta Palampur cantt | 8894958247 |
| 40. |  | Shahpur        | DAV Public School, Gohju<br>1. Title of Scenario<br>2. Triggering Event (e.g., Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (block/sub-   | Insp. Rupeshbar   | BSF                       | 9436909195 |

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|     |         |            |                                      | division/village name)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)<br>10. Any Past Incidents in the Region (reference year)   |                       |                             |             |
| 41. | kinnaur | Evacuation | HQ Reckong Peo (Site 1)              | DC office, Kinnaur( Earthquake- Evacuation of injured people around 50, evacuation through rope rescue by HG, Fire, Aapda mitra volunteers, Youth volunteers )   | Sh. Gopal, ITBP,      | Inspector                   | 9368397026  |
| 42. |         | Evacuation | HQ Reckong Peo (Site 2)              | Residential area Near SDM residence, R/Peo ( Evacuation of injured people around 100, evacuation through rope rescue by HG, Fire, ITBP, SDRF, Army, Aapda mitra volunteers, Youth volunteers )   | Dr. Vipin Soni, ITBP, | Assistant Commandant        | 8107109714  |
| 43. |         | Evacuation | HQ Reckong Peo (Site 3)              | Regional Hospital ( Earthquake - Evacuation and shifting of patients and increasing of surge capacity to 20 more evacuation by Fire, HG, ITBP, Aapda mitra volunteers )  | Subhash, ITBP,        | Inspector                   | 9103256597  |
| 44. |         | Evacuation | HQ Reckong Peo (Site 4)              | JNV, School ( Earthquake & Fire- Evacuation of injured students around 100, evacuation through rope rescue by HG, Fire, ITBP, SDRF, Army, Aapda mitra volunteers, Youth volunteers )   | Kunal Gosh            | Lt. Col                     | 8910907882  |
| 45. |         | GLOF       | Sub Division- Kalpa (Site 1)         | Karcham Dam(Glof Prediction early warning to residents and clearance of residential area near Karcham dam by local community people such as aapda mitra volunteers youth volunteers and JSW safety team)   |                       |                             |             |
| 46. |         | Landslide  | Sub Division- Nichar (Site 1)        | Nathpa land Slide point(Land slide and Rock fall, clearance of road by BRO by blasting of explosives safe evacuation of tourist by Army team, ITBP team and local administration)  |                       |                             |             |
| 47. |         | Rockfall   | Sub Division- Pooh (Site 1)          | Nesang Jhula (Rock Fall clearance of road by BRO by using , dumper dozer and other Heavy Earth moving equipments and evacuation of locals and tourist by ITBP, Hg and police)  |                       |                             |             |
| 48. | kullu   |            | Stagging Area, Incident Command Post |  | Sh. Harish Thakur     | Sub-Inspector               | 94182-39706 |
| 49. |         |            | DEOC                                 | District Emergency Opertaion Center at District Disaster Management Authority, Kullu   | Sh. Bhim              | Asstt. Commandant, ITBP     | 8126733400  |
| 50. |         | Evacuation | Ani                                  | Anni – Naldera Residential Area<br>Title of Scenario: Evacuation of cracked buildings in Naldera residential area, Anni<br><br>Triggering Event: Earthquake of magnitude 8.0 on 6th June 2025<br><br>Probable Impact Area: Naldera Ward, Sub-Division Anni<br><br>Estimated Affected Population: Approx. 150 residents<br><br>Critical Infrastructure at Risk: Old houses, link road, power poles, water pipelines<br><br>Immediate Needs and Response Challenges: Safe evacuation, risk of secondary collapse, relocation of elderly<br><br>Lead Agencies & Coordination Points: SDO JSV, Tehsildar Anni, ICP at Naldera ground<br><br>Suggested Response Strategy and Local Resources: Community volunteers, school as relief point, social workers involved | Sh. Chander Shekhar   | DSP Anni, Police Department | 8629816900  |

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|     |  |            |        | Map or Sketch (if available): Lat 31.4313 N, Long 77.4186 E (Google Pin)  |                      |                               |            |
| 51. |  | Fire       | Banjar | <p>Any Past Incidents in the Region: -</p> <p>Title of Scenario: Fire in Govt. Degree College Banjar following Earthquake</p> <p>Triggering Event: Earthquake of magnitude 8.0 on 6th June 2025</p> <p>Probable Impact Area: Govt. College, Banjar, Sub-Division Banjar</p> <p>Estimated Affected Population: Approx. 250 students and staff</p> <p>Critical Infrastructure at Risk: College building, access roads, nearby electricity lines</p> <p>Immediate Needs and Response Challenges: Evacuation, crowd control, and fire containment</p> <p>Lead Agencies &amp; Coordination Points: Fire Dept., Police, College Admin, SDM Banjar (ICP)</p> <p>Suggested Response Strategy and Local Resources: Activate fire response, use Aapda Mitras, set up triage on college ground</p> <p>Map or Sketch (if available): Latitude 31.6340 N, Longitude 77.3374 E (Google Map Pin shared separately)</p> <p>Any Past Incidents in the Region: not recorded</p>                               | Sh. Chiman Lal Meena | Asstt. Commandant, CISF       | 7013321796 |
| 52. |  | Landslide  | Banjar | <p>Title of Scenario: Landslide near NHPC Stage-III Siund Dam following Earthquake</p> <p>Triggering Event: Earthquake of magnitude 8.0 on 6th June 2025</p> <p>Probable Impact Area: Sainj Valley, near Siund Dam, Sub-Division Banjar</p> <p>Estimated Affected Population: Approx. 100 people including NHPC staff and nearby villagers</p> <p>Critical Infrastructure at Risk: Dam control room, road access, power station, downstream communication lines</p> <p>Immediate Needs and Response Challenges: Evacuation of dam staff, alerting downstream population, early warning dissemination</p> <p>Lead Agencies &amp; Coordination Points: NHPC Control Room, Tehsildar Sainj, Police, ICP at Dam gate</p> <p>Suggested Response Strategy and Local Resources: Activate dam emergency plan, use PA system for alerts, deploy JCBs for road clearance</p> <p>Map or Sketch (if available): Lat 31.4646 N, Long 77.1939 E (Google Pin)</p> <p>Any Past Incidents in the Region:</p> | Sh. Sher Singh,      | DSP Banjar, Police Department | 8219262339 |
| 53. |  | Evacuation | Kullu  | <p>Title of Scenario: Evacuation of CHC Tegubehar after structural damage in earthquake</p> <p>Triggering Event: Earthquake of magnitude 8.0 on 6th June 2025</p> <p>Probable Impact Area: CHC Tegubehar, Sub-Division Kullu</p>  | Sh. Pradeep Singh,   | Inspector 2 BN ITBP           | 9805627463 |



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|     |              |            | <p>Estimated Affected Population: Approx. 100 patients and staff</p> <p>Critical Infrastructure at Risk: Hospital, medical stores, backup generator, ambulance facility</p> <p>Immediate Needs and Response Challenges: Evacuation of critical patients, alternate care setup, access via narrow roads</p> <p>Lead Agencies &amp; Coordination Points: Health Dept., Tehsildar Bhuntar, ICP at CHC premises</p> <p>Suggested Response Strategy and Local Resources: Use of open field triage, ambulance fleet mobilized, VHF coordination</p> <p>Map or Sketch (if available): Lat 31.8872 N, Long 77.1390 E (Google Map Pin Shared Separately)</p>  |                    |                     |            |
| 54, | Fire and SAR | Kullu (HQ) | <p>Any Past Incidents in the Region: No</p> <p>Title of Scenario: Fire and SAR in Tibetan Market Kullu after Earthquake</p> <p>Triggering Event: Earthquake of magnitude 8.0 on 6th June 2025</p> <p>Probable Impact Area: Tibetan Market &amp; Bhuthnath Bridge, Kullu</p> <p>Estimated Affected Population: Approx. 200 people including shopkeepers and tourists</p> <p>Critical Infrastructure at Risk: Shops, bridge, power lines, communication</p> <p>Immediate Needs and Response Challenges: Fire containment, rescue from collapsed shops, traffic diversion</p> <p>Lead Agencies &amp; Coordination Points: Fire Dept., Police, Tehsildar Kullu, ICP at site</p> <p>Suggested Response Strategy and Local Resources: SAR teams, alternate route via Dussehra Ground, triage point setup</p> <p>Map or Sketch (if available): Lat 31.9597 N, Long 77.1114 E (Google Map Pin shared separately)</p> | Sh. Kuldeep Singh  | Inspector 2 BN ITBP | 9015097698 |
| 55, | GLOF         | Manali     | <p>Any Past Incidents in the Region: No</p> <p>Title of Scenario: GLOF in Aleo Region of Manali following Earthquake</p> <p>Triggering Event: Earthquake of magnitude 8.0 on 6th June 2025</p> <p>Probable Impact Area: Aleo, Burua, Solang – Sub-Division Manali</p> <p>Estimated Affected Population: Approx. 300 people including tourists</p> <p>Critical Infrastructure at Risk: Bridges, roads, water supply, power infra</p> <p>Immediate Needs and Response Challenges: Evacuation from high slopes, temporary shelter, limited access</p> <p>Lead Agencies &amp; Coordination Points: SDM Manali, ITBP, DDMA, ICP at Aleo</p> <p>Suggested Response Strategy and Local Resources: SAR via rafting/ropes, shelter at</p>   | Sh. Vikas Bhardwaj | AE Civil, BRO       | 8979940246 |

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|     |              |   |            | school, BRO for clearance<br><br>Map or Sketch (if available): Lat 32.2264 N, Long 77.1985 E (Google Map Pin shared separately)  |                           |                                      |             |
| 56. |              | Building Collapsed                      | Nirmand    | <p>Title of Scenario: Collapse of Govt. Tehsil Office in Nirmand trapping staff</p> <p>Triggering Event: Earthquake of magnitude 8.0 on 6th June 2025</p> <p>Probable Impact Area: Tehsil Office, Sub-Division Nirmand</p> <p>Estimated Affected Population: Approx. 30-40 employees and visitors</p> <p>Critical Infrastructure at Risk: Govt. office building, local archives, road link to Anni</p> <p>Immediate Needs and Response Challenges: Search and rescue under debris, stabilization of structure, crowd control</p> <p>Lead Agencies &amp; Coordination Points: Tehsildar Nirmand, Police, Fire Dept., ICP at office campus</p> <p>Suggested Response Strategy and Local Resources: Deploy SAR with cutting tools, setup buffer zone, ambulance standby</p> <p>Map or Sketch (if available): Lat 31.2456 N, Long 77.3501 E (Google Pin)</p> <p>Any Past Incidents in the Region: No</p> | Dr. Chaman Lal Rao,       | DFO Anni & Luhari, Forest Department | 9418461650  |
| 57. | Lahaul spiti |   | HQ         |  |                           |                                      |             |
| 58. |              | Landslide                               | Kaza       | Kaza Village- Landslide  | Shiv Raj Rana             | Dy. COMMANDAN T ITBP                 | 8798745027  |
| 59. |              | Building Collapsed                      |            | Key Village- Building Damage   |                           |                                      |             |
| 60. |              | Landslide & Building Collapsed          |            | Rangrik Village- Landslide & Building Collapsed  |                           |                                      |             |
| 61. |              | GLOF                                    | Keylong    | Gepan Ghat Sissu GLOF burst ( Flood) Effective area Sissu Village, Chandra valley and Chander Bhaga ( Chinav) Valley   | Sh. Ravindra Kumar 70 RCC | AE BRO 70 RCC                        | 63077 67356 |
| 62. |              | Building Collapsed                      |            | RH Keylong- Hospital Damage  |                           |                                      |             |
| 63. |              | Building Collapsed                      |            | Keylong Village- Building Collapsed  |                           |                                      |             |
| 64. |              | Building Collapsed                      | Udaipur    | Kukukseri Collage - Building Damage  | Major Visag               | OC BRO 94 RCC                        | 78757 96122 |
| 65. |              | Building Collapsed                      |            | Triloknath Village Building Damage   |                           |                                      |             |
| 66. |              | Flood, Landslide and Building Collapsed |            | CH Udaipur - Flood, Landslide and Building Collapsed   |                           |                                      |             |
| 67. | mandi        |   | HQ         | Hospital system overload   |                           |                                      |             |
| 68. |              | Flash Flood                             | Balichowki | <p>1. Title of Scenario (Flash Flood)</p> <p>2. Triggering Event (Flash Flood at Balichowki on 6th June 2025)</p> <p>3. Probable Impact Area (Block Balichowki Sub Division Balichowki Near Taxi Stand (New Bridge) Balichowki )</p> <p>4. Estimated Affected Population</p> <p>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)</p> <p>6. Immediate Needs and Response Challenges</p> <p>7. Lead Agencies &amp; Coordination Points</p> <p>8. Suggested Response Strategy and Local Resources</p> <p>9. Map or Sketch (if available)</p> <p>10. Any Past Incidents in the Region (reference year)</p>  | Sh. Virender Singh        | Hav. Indian Army                     | 96366 20097 |

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| 69. |  | Flood              | Balh          | 1. Title of Scenario (Flood)<br>2. Triggering Event (Flood at SDM Office Balh(Complex) on 6th June 2025)<br>3. Probable Impact Area (Balh/sub-division Balh/SDM Office Balh(Complex))<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)                               | Sh. Sanu Kumar | SI. CISF, Sunder Nagar | 60061 94005 |
| 70. |  | Flood              | Dharampur     | 1. Title of Scenario (Flood)<br>2. Triggering Event (Flood at Son Khad Dharampur on 6th June 2025)<br>3. Probable Impact Area (block-Dharampur/sub-division Dharampur/Son Khad Dharampur)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)                           |                |                        |             |
| 71. |  | Earthquake         | Gohar         | 1. Title of Scenario (Earth Quake)<br>2. Triggering Event (Earthquake of 8.0 magnitude at SDM Office Gohar (Complex) on 6th June 2025)<br>3. Probable Impact Area (Gohar/sub-Gohar/SDM Office Gohar (Complex))<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)      |                |                        |             |
| 72. |  | HEP Damage         | Jogindernagar | 1. Title of Scenario (Hydro Project Damage)<br>2. Triggering Event (Hydro Project Damage Near bassi Power House on 6th June 2025)<br>3. Probable Impact Area (Chauntra/sub-Joginder nagar/Near Bassi Power House )<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch ( if available)<br>10. Any Past Incidents in the Region (reference year) | Sh. Deepak     | Insp. NDRF             | 94566 38047 |
| 73. |  | Fire               | Karsog        | 1. Title of Scenario (Fire)<br>2. Triggering Event (Fire incident at GDC Karsog on 6th June 2025 GDC Kaarsog)<br>3. Probable Impact Area (Karsog/sub-division Karsog/GDC Karsog )<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)                                   |                |                        |             |
| 74. |  | Community Response | Kotli         | 1. Title of Scenario (Community Response)<br>2. Triggering Event (Community Response at Govt.Degree collage Kotli on 6th June 2025)  |                |                        |             |

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|     |  |                    |             | 3. Probable Impact Area (Mandi/sub-division Kotli/Govt. Degree collage Kotli )<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)   |                   |                          |             |
| 75. |  | Community Response | Mandi       | 1. Title of Scenario (Community Response)<br>2. Triggering Event (Community Response at indira Market complex)<br>3. Probable Impact Area (Sadar/sub-division sadar/Indira Market )<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)  | Sh. Randhir Singh | Hav. Indian Army         | 75890 84113 |
| 76. |  | Landslide          | Padhar      | 1. Title of Scenario (Landslide)<br>2. Triggering Event (landslide at Narla on 6th June 2025)<br>3. Probable Impact Area (Drang/sub-division-Padhar/village Narla)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)   | Sh. Avatar        | SI. NDRF                 | 60056 32902 |
| 77. |  | Building Collapse  | Sarkaghat   | 1. Title of Scenario (Building Collapse due to Earth Quake)<br>2. Triggering Event (Earthquake of 8.0 magnitude Building Collapse at village Gaunta in Sub Tehsil Bhadrola on 6th June 2025)<br>3. Probable Impact Area (Gopalpur/sub-division-sarkaghat/village Gaunta in Sub Tehsil Bhadrola )<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year) |                   |                          |             |
| 78. |  | EQ/Canal Breach    | Sundernagar | 1. Title of Scenario (EQ/Canal Breach)<br>2. Triggering Event (Earthquake of 8.0 magnitude Canal Breach at BSNL Office & Residential Colony sunder Nagar on 6th June 2025)<br>3. Probable Impact Area (Sunder nagar/sub-division-Sunder nagar/BSNL Office & Residential Colony)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)                  | Sh. D.N.P Verma   | Insp. CISF, Sunder Nagar | 89864 59901 |
| 79. |  | Earthquake         | Thunag      | 1. Title of Scenario (Earth Quake)<br>2. Triggering Event (Earthquake of 8.0  |                   |                          |             |



|     |        |                               |         |  |  |                            |  |
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|     |        |                               |         | magnitude at G.S.S.S. Thunag on 6th June 2025)<br>3. Probable Impact Area (Siraj /sub-division Thunag/G.S.S.S. Thunag )<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)   |  |                            |  |
| 80. | shimla | Earthquake                    | HQ      | 1. Title of Scenario<br>2. Triggering Event (Earthquake of 8.0 magnitude, dated:6th June 2025)<br>3. Probable Impact Area : Sub-Division Theog, Kotkhai, Jubbal, Rohru, Dodra Kwar, Kumarsain, Rampur Bushahr, Chopal, Kupvi and Sunni<br>4. Estimated Affected Population:<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, buildings etc.)<br>6. Immediate Needs and Response Challenges :<br>7. Lead Agencies & Coordination Points : Administration, Army, Fire Services, Home Guard 02nd & 03rd BN, SSB , NDRF and SDRF<br>8. Suggested Response Strategy and Local Resources :<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year) | Sh. Aman Singh Yadav                     | Major                      | 8082836003   |
| 81. |        | Flood                         | Theog   | 1. Title of Scenario (Earth Quake-Aftermath : Flood)<br>2. Triggering Event (Earthquake of 8.0 magnitude, dated:6th June 2025)<br>3. Probable Impact Area (Chhaidala Area)<br>4. Estimated Affected Population: 450.<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools etc.)<br>6. Immediate Needs and Response Challenges :<br>7. Lead Agencies & Coordination Points : Administration, SDRF, Fire Services, youth volunteers, community.<br>8. Suggested Response Strategy and Local Resources :<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)   | Subedar Shankar (Station Commander) Army | Subedar/Sttation Commander | Contact Person : Subedar Shankar – 70183 29829 and Sh. Naresh Attri , 8679816549 |
| 82. |        | Landslide                     | Kotkhai | 1. Title of Scenario (Earth Quake-Aftermath : Landslide)<br>2. Triggering Event (Earthquake of 8.0 magnitude , dated:6th June 2025)<br>3. Probable Impact Area (HRTC Bus stand)<br>4. Estimated Affected Population:-385<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges :<br>7. Lead Agencies & Coordination Points : Home Guard & Civil Defence 02nd BN and Fire Services .<br>8. Suggested Response Strategy and Local Resources :<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)   | Ms. Gulshan Negi                         | DSP SDRF                   | 981601433  |
| 83. |        | Landslide & Building Collapse | Jubbal  | 1. Earthquake Scenario (Aftermath:Landslide & Building collapse)<br>2. Triggering Event (Earthquake of 8.0 magnitude, dated: 6th June 2025)<br>3. Probable Impact Area (Jubbal Market Area)<br>4. Estimated Affected Population : 870.<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, buildings etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points:   | Sh. Kamal Dev                            | SHO Rohru                  | 8894728026   |

|     |  |                                 |            |  |                 |                               |             |
|-----|--|---------------------------------|------------|--|-----------------|-------------------------------|-------------|
|     |  |                                 |            | Volunteers, Home Guard & Civil Defence 02nd BN.<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)  |                 |                               |             |
| 84. |  | Flood and Resultant Cloud Burst | Rohru      | 1. Earthquake Scenario (Aftermath:Flood)<br>2. Triggering Event (Earthquake of 8.0 magnitude , dated:6th June 2025)<br>3. Probable Impact Area (PM Shri Boys School Rohru and area surrounding Pubber River,)<br>4. Estimated Affected Population: 650.<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges :<br>7. Lead Agencies & Coordination Points : SDRF,Local Volunteers , community and aapda mitra volunteers.<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year) | Pawan Parkash   | C. C. / SDRF                  | 88946-35070 |
| 85. |  | Landslide                       | Dodra Kwar | Earthquake Scenario (Aftermath: Landslide).<br>2. Triggering Event (Earthquake of 8.0 magnitude 6th June 2025)<br>3. Probable Impact Area (Kwar)<br>4. Estimated Affected Population : 275.<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points : Fire Services.<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)  | Anand Kumar     | LFM                           | 8988207282  |
| 86. |  | Landslide                       | Kumarsain  | Earthquake Scenario (Aftermath:Landslide) .<br>Title of Scenario (Earth Quake)<br>2. Triggering Event (Earthquake of 8.0 magnitude 6th June 2025)<br>3. Probable Impact Area (Nog Kenchi Area)<br>4. Estimated Affected Population: 578<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, buildings etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points : Home Guard & Civil Defence 02nd BN.<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)   | Sh. Var Chand,  | Dy Commandant , SSB Kumarsain | 8099732725  |
| 87. |  | Flood                           | Rampur     | Earthquake Scenario (Aftermath: Flood)<br>2. Triggering Event (Earthquake of 8.0 magnitude 6th June 2025)<br>3. Probable Impact Area (Surrounding residential area of river Satluj)<br>4. Estimated Affected Population: 670.<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, buildings etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points :<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)   | Sh. Rajat Kumar | Lieutenant, Indian Army       | 6280135459  |
| 88. |  | Landslide                       | Chopal     | Earthquake Scenario (Aftermath: Landslide) .<br>Title of Scenario (Earth Quake)<br>2. Triggering Event (Earthquake of 8.0 magnitude 6th June 2025)<br>3. Probable Impact Area (Chopal Market Area)<br>4. Estimated Affected Population : 660.<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, buildings etc.)   | Vijender Kumar  | SFO                           | 9418023101  |

|      |         |                      |                 |  |                                   |  |                 |
|------|---------|----------------------|-----------------|--|-----------------------------------|--|-----------------|
|      |         |                      |                 | 6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points :<br>Commandant Home Guard & Civil Defence,<br>02nd BN.<br>8. Suggested Response Strategy and Local<br>Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region<br>(reference year)   |                                   |  |                 |
| 89.  |         | Landslide            | Kupvi           | Earthquake Scenario (Aftermath: Landslide) .<br>Title of Scenario (Earth Quake)<br>2. Triggering Event (Earthquake of 8.0<br>magnitude 6th June 2025)<br>3. Probable Impact Area (Salah Area)<br>4. Estimated Affected Population : 436.<br>5. Critical Infrastructure at Risk (roads,<br>bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points :<br>Home Guard & Civil Defence 02nd BN<br>8. Suggested Response Strategy and Local<br>Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region<br>(reference year) | Sh.<br>Virender<br>Mehta,         | Battalion<br>Administrativ<br>e Officer/ HG<br>& CD 2nd Bn | 9805471220      |
| 90.  |         | Flood                | Sunni           | Earthquake Scenario (Aftermath: Flood) .<br>Title of Scenario (Earth Quake)<br>2. Triggering Event (Earthquake of 8.0<br>magnitude 6th June 2025)<br>3. Probable Impact Area (Kalighat)<br>4. Estimated Affected Population: 547<br>5. Critical Infrastructure at Risk (roads,<br>bridges, hospitals, schools, buildings etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points :<br>Home Guard & Civil Defence 03rd BN.<br>8. Suggested Response Strategy and Local<br>Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region<br>(reference year)    | Sh. P.B<br>Sharma                 | Ex<br>Commandant   | 9816099002      |
| 91.  | sirmaur | Building<br>Collapse | Kafota          | Incident Site No-6 .Government Senior<br>secondary School, Sataun, Building<br>Collapse Due To EQ e.g., Earthquake of 8.0<br>magnitude)  | Sh.<br>Parveen<br>Kumar,<br>HPS,  | ACO  | 9418808484      |
| 92.  |         | Fire                 | Nahan<br>(HQ)   | Simulation Site No - 1. Ruchira Papers<br>Limited, Kala Amb, Sirmaur, Fire<br>Incident (e.g., Earthquake of 8.0 magnitude)   | Insp.<br>Ashwani<br>Kumar,        | Insp.  | 8219201808      |
| 93.  |         | Bridge<br>Collapse   |                 | Simulation Site No - 2. Trilokpur (connecting,<br>Bridge Kala Amb Trilokpur) Bridge Collapse<br>Due to Earthquake (e.g., Earthquake of 8.0<br>magnitude)   | SI<br>Ramesh<br>Kumar,            | SI   | 9418061510      |
| 94.  |         | Building<br>Collapse |                 | Simulation Site No - 3. Boys' Sr Sec school<br>Nahan, Building<br>Collapse Due to EQ (e.g., Earthquake of 8.0<br>magnitude)  | L/Insp.<br>Rita Devi,             | L/Insp.  | 7018561299      |
| 95.  |         | Triage/MEP           |                 | Simulation Site No - 4. Dr Y S Parmar Govt.<br>Medical College Nahan, Triage/MEP   | Sh. Anil<br>Dutt,<br>HPS,<br>ACO, | ACO  | 7018069181      |
| 96.  |         | Building<br>Collapse | Pachhad         | Simulation Site No - 5 Market of Sarahan<br>Bazar, Near Vaman Bhagwan temple and<br>Pond Sarahan. Building<br>Collapse Due To EQ e.g., Earthquake of 8.0<br>magnitude)   | SI Rajesh<br>Kumar                | SI   | 9418086391      |
| 97.  |         | Flood                | Paonta<br>Sahib | Simulation Site No- 10 .Yamuna Mandir Near<br>Gurudwara, Paonta Sahib, Flooding e.g.,<br>Earthquake of 8.0 magnitude)  | Insp.<br>Suresh<br>Kumar,         | Insp.  | 9418117234      |
| 98.  |         | Building<br>Collapse | Rajgarh         | Simulation Site No -7 .Market/ Residential<br>Area near Nehru Ground in Rajgarh, Building<br>Collapse Due To EQ e.g., Earthquake of 8.0<br>magnitude)  | SI Roshan<br>Lal,                 | SI   | 8219326177      |
| 99.  |         | Landslide            | Sangrah         | Simulation Site No-9 Village Pav Pani Near<br>Walia Mines, Landslide e.g., Earthquake of<br>8.0 magnitude)   | SI. Satpal<br>Sharma              | SI   | 9418648249      |
| 100. |         | Landslide            | Shillai         | Simulation Site No-8. Village Chaniya,<br>Landslide e.g., Earthquake of 8.0 magnitude)   | Insp.<br>Ram Lal                  | Insp.  | 7018270561      |
| 101. | solan   | Earthquake           | HQ              | 1. Title of Scenario Earthquake<br>2. Triggering Event Earthquake of 8.0   | Sh.<br>Bikramjee                  | Chief<br>observer, Lt                                      | 74570-<br>95555 |

|      |                 |          |   |   |                       |             |  |
|------|-----------------|----------|---|---|-----------------------|-------------|--|
|      |                 |          |   | magnitude on 6th June 2025<br>3. Probable Impact Area ( Reginoal Hospital Solan ,St lukes School, Police Petrol Pump, Annad Complex The Mall Solan<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year) | t Singh               | Colonel     |  |
| 102. | Bridge Collapse | Arki     | 1. Title of Scenario ("Bridge Collapse following Earthquake")<br>2. Triggering Event (e.g., Earthquake of 7.8 magnitude)<br>3. Probable Impact Area (Sharda Bridge Break GP Chamyal (Shalaghat to Arki Road,))<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)   | Sh. Sandeep Sharma  | SHO/Police Department | 70183-40511 |  |
| 103. | Earthquake      |          | 1. Title of Scenario (Earthquake Civil Hospital Arki )<br>2. Triggering Event (e.g., Earthquake of 8.0Magnitude<br>3. Probable Impact Area (Civil Hospital Arki)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)   | Sh. Sandeep Sharma  | SHO/Police Department | 70183-40511 |  |
| 104. | Industrial Fire | Nalagarh | 1. Title of Scenario (Industrial Fire following Earthquake)<br>2. Triggering Event (e.g., Earthquake of 7.8 magnitude)<br>3. Probable Impact Area ( Hindustan Petroleum Corp Ltd,Village Dadhikania (Khera), Tehsil Nalagarh, Distt. Solan, HP.Village Dadhikania (Khera), Tehsil Nalagarh, Distt. Solan, HP. (Industrial disaster))<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year) | Sh. Sohan Singh   | Havildar/ Indian Army | 9816641221  |  |
| 105. | Landslide       |          | 1. Title of Scenario (e.g., ""Landslide in XYZ Village following Earthquake"" )<br>2. Triggering Event (e.g., Earthquake of 7.8 magnitude)<br>3. Probable Impact Area ( Civil Hospital Nalagarh)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region  | Sh. Kuldeep Singh   | Havildar/ Indian Army | 9797696009  |  |

|      |  |   |         |  |                    |                              |             |
|------|--|---|---------|--|--------------------|------------------------------|-------------|
|      |  |   |         | (reference year)   |                    |                              |             |
| 106. |  | Landslide                                 | Kasauli | 1. Title of Scenario (Landslide at Chakki Mor (NH-05) following Earthquake")<br>2. Triggering Event (e.g., Earthquake of 7.8 magnitude)<br>3. Probable Impact Area ( Chakki Mor (NH-05))<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)  | Sh. Jagjeet Singh  | Nab Subedar/<br>Indian Army  | 9530858802  |
| 107. |  | Building Collapse                         | Solan   | 1. Title of Scenario ( Regional Hospital Solan Damage )<br>2. Triggering Event ( Earthquake of 8.0 magnitude)<br>3. Probable Impact Area ( Regional Hospital Solan)<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)   | Sh. Deep Singh     | Naib Subedar/<br>Indian Army | 7051374663  |
| 108. |  | Building Collapse                         |         | 1. Title of Scenario (Building Collapse St. Lukes School Solan (Near Old Bus Stand Solan))<br>2. Triggering Event ( Earthquake of 8.0 magnitude)<br>3. Probable Impact Area ( St. Lukes School Solan (Near Old Bus Stand Solan) )<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year) | Sh. Vijay Kumar    | Subedar/<br>Indian Army      | 70513-11282 |
| 109. |  | Fire incident<br>Police<br>Petrol<br>Pump |         | 1. Title of Scenario ((Fire incident Police Petrol Pump (Sabji Mandi) )<br>2. Triggering Event ( Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (Police Petrol Pump (Sabji Mandi) )<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)<br>10. Any Past Incidents in the Region (reference year)                                      | Sh. Inderjit Singh | Havildar/<br>Indian Army     | 7416857846  |
| 110. |  | Fire                                      |         | 1. Title of Scenario (Fire Incidence Anand Complex ( The Mall Solan))<br>2. Triggering Event ( Earthquake of 8.0 magnitude)<br>3. Probable Impact Area (Anand Complex ( The Mall Solan) )<br>4. Estimated Affected Population<br>5. Critical Infrastructure at Risk (roads, bridges, hospitals, schools, dams, etc.)<br>6. Immediate Needs and Response Challenges<br>7. Lead Agencies & Coordination Points<br>8. Suggested Response Strategy and Local Resources<br>9. Map or Sketch (if available)  | Sh. Gurpreet Singh | Army                         | 9391269313  |



|      |     |                     |         |   |   |                        |             |
|------|-----|---------------------|---------|---|---|------------------------|-------------|
|      |     |                     |         | 10. Any Past Incidents in the Region (reference year)   |   |                        |             |
| 111. | una | Fire IOCL           | HQ      | IOCL Una Terminal, Pekhubela, MAH Unit (As selected by the NDMA): Building Structure Damaged and Fire at Petroleum Bulk Storage due to Earthquake.  | Insp. Ankush Dogra, SHO Police Station, Mehatpur District Una (H.P) | Police Inspector (SHO) | 93172-13681 |
| 112. |     | Landslide           | Amb     | 1. Title of Scenario: Landslide in Pindi Das Ashram and Eye Hospital, near Amb-Nehriyan Road<br>2. Triggering Event: Earthquake of 8.0 magnitude<br>3. Probable Impact Area: Pindi Das Ashram and Eye Hospital, near Amb-Nehriyan Road and Surrounded places.<br>4. Estimated Affected Population: 825 People Approximately<br>5. Critical Infrastructure at Risk: Roads, Bridges, Eye Care Hospital, Electricity Supply, Water Supply schemes etc.<br>6. Immediate Needs and Response Challenges: JCBs, Tippers, Crane, Ambulances, SAR Team, Police, First Responders, SDRF etc.<br>7. Lead Agencies & Coordination Points: PRIs, Home Guards, Police, Fire Services, Local Administration, IRT team, Aapda Mitra Volunteers, HPSDRF, NDRF and Coordination point at SDM office, Amb.<br>8. Suggested Response Strategy and Local Resources: Search and Rescue Team, Call for emergency, dial 1077 toll free NO. of Disaster Control Room, Call for emergency rescue team, engagement of community responders, Panchayat level trained youth volunteers, Aapda Mitra,<br>9. Map or Sketch: Yes Attached.<br>10. Any Past Incidents in the Region (reference year): Flash Flood Incident on year 2023 S.W. Monsoon Season. | Insp. Anil Kumar, SHO Police Station, Amb District Una (H.P)        | Police Inspector (SHO) | 93172-13676 |
| 113. |     |                     | Bangana | Due to the District level "Piploo Mela" in Bangana. The local Holiday was declared on 6th June, 2025. In which, the Hon'ble Chief Minister and Dy. Chief Minister will be visit. Hence, as per this situation, there is no simulation site has been decided in the Bangana Sub Division.  | NA  | NA                     | NA          |
| 114. |     | Fire at Petrol Pump | Gagret  | 1. Title of Scenario : A.K. Puri HP Petrol Pump, Gagret-Hoshiarpur Road (Fire Breakout Incident in this Petrol Pump)<br>2. Triggering Event: Earthquake of 8.0 magnitude<br>3. Probable Impact Area : Petrol Pump and its surrounded places nearby.<br>4. Estimated Affected Population: 26 Approximately<br>5. Critical Infrastructure at Risk: Road, Bridges, Fuel, Electricity, Water Supply, near by Infrastructure etc.<br>6. Immediate Needs and Response Challenges: Fire Brigade team, Availability and use of Fire Extinguishers, need of trained person, medical first aid box etc.<br>7. Lead Agencies & Coordination Points: Fire Brigade, Home Guards, NDRF, SDRF, Police, Volunteers and local responders etc.<br>8. Suggested Response Strategy and Local Resources: Safe Evacuation plan, Emergency exits, availability of vehicles, SAR and Availability of Sand, water and other mode of fire extinguished techniques etc.<br>9. Map or Sketch: Yes Attached.<br>10. Any Past Incidents in the Region: NA   | Insp. Sunny Guleria, SHO Police Station, Gagret District Una (H.P)  | Police Inspector (SHO) | 93172-13679 |
| 115. |     | Building Collapse   | Haroli  | 1. Title of Scenario: Nestle India Ltd., Tahliwal (Factory Building Damaged & Fire Broke out Incident).   | Insp. Rinku, SHO  | Police Inspector (SHO) | 93172-13683 |

|     |                   |     |   |  |  |             |  |
|-----|-------------------|-----|---|--|--|-------------|--|
|     |                   |     |   | <p>2. Triggering Event: Earthquake of 8.0 magnitude</p> <p>3. Probable Impact Area: Nestle India Factory and its surrounded habitat area.</p> <p>4. Estimated Affected Population: 226 Approximately</p> <p>5. Critical Infrastructure at Risk: Electricity, Water Supply, Road, Building Structure etc.</p> <p>6. Immediate Needs and Response Challenges: Safe Evacuation of the factory workers, Search and Rescue operation, Notified relief camps, Alternative route for transpiration, health facility etc.</p> <p>7. Lead Agencies &amp; Coordination Points: Local Administration, Home Guards, Fire Services, SDRF etc.</p> <p>8. Suggested Response Strategy and Local Resources: Safe Evacuation, Search and Rescue Operatyion, provide the medical first aid, youth volunteers, ex-serviceman volunteering etc.</p> <p>9. Map or Sketch: Yes Attached.</p> <p>10. Any Past Incidents in the Region: NA</p> | Police Station, Tahlwal District Una (H.P) |             |  |
| 116 | Building Collapse | Una | <p>1. Title of Scenario: Government Industrial Training Institute (ITI), Boys, Una (Building Structure damage/loss and fire event</p> <p>2. Triggering Event: Earthquake of 8.0 magnitude</p> <p>3. Probable Impact Area: ITI Building and surrounding build structure including basic infrastructure as well.</p> <p>4. Estimated Affected Population: 1500 Approximately</p> <p>5. Critical Infrastructure at Risk: roads, bridges, ITI, Water and Electricity supply scheme, Internet cables etc.</p> <p>6. Immediate Needs and Response Challenges: Safe Evacuation, Fire equipments availability, contact No. of response team, Local administration, First Responders etc.</p> <p>7. Lead Agencies &amp; Coordination Points: Police, Fire Services, Home Guards, SDRF, NDRF, Youth Volunteers, NSS, NCC, Aapda Mitra Volunteers etc.</p> <p>8. Suggested Response Strategy and Local Resources: Safe Evacuation of students, providing the basic first aid to the needy, basic infrastructure and equipments etc.</p> <p>9. Map or Sketch: Yes Attached.</p> <p>10. Any Past Incidents in the Region: No Incident recorded so far yet.</p> | Insp. Gaurave Bhardwaj, SHO Police Station Una District Una (H.P)  | Police Inspector (SHO)                     | 93172-13682 |  |

Digitally signed by  
 Dharmender Thakur  
 DC(OBS)  
 14<sup>TH</sup> BN NDRF  
 Date: 10-06-2025  
 20:32:35

# **District Reports**



# MOCK EXERCISE

9<sup>th</sup> STATE LEVEL MEGA MOCK DRILL  
ON EARTHQUAKE  
JUNE-2025



## STATE WIDE MEGA MOCK EXERCISE

in Earthquake in Himachal Pradesh

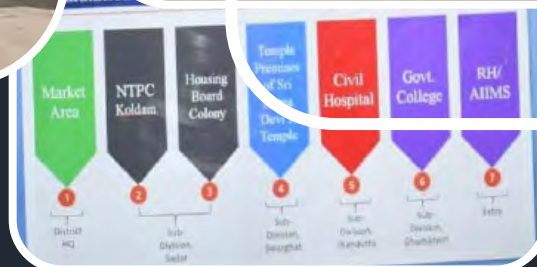
6<sup>th</sup> June, 2025

Organized By District Disaster Management Authority, Bilaspur H.P.

With The Assistance

National Disaster Management Authority, Govt. of India.

Call us on 1077 during any Emergency (Toll Free 24\*7)



DISTRICT DISASTER MANAGEMENT AUTHORITY, BILASPUR

## Overview

Himachal Pradesh is a hilly state and due to its geophysical location it is prone to number of disasters i.e. Earthquake, landslides, fire, flash floods etc. although the severity of floods are quite small in the state but the frequency of flash floods are relatively high.

Past events have caused widespread havoc and inflicted significant damage. To prepare for future disasters and build disaster resilience, SDMA in collaboration with State and NDMA, conducted a mega mock exercise focused on Earthquake.

This exercise aimed to assess the disaster preparedness of various departments and agencies responsible for disaster management, as well as to educate the residents of Himachal Pradesh, who are particularly vulnerable to these natural calamities.

## Aim

To minimize the loss of life and assets during future earthquake, it is essential to prepare Disaster Management (DM) stakeholders and the community effectively. This involves comprehensive training, robust planning, and increased awareness among all involved parties. By enhancing the coordination and preparedness of DM stakeholders and educating the community on appropriate response actions, we can significantly reduce the impact of these natural disasters.

## Objectives

To check the preparedness, adequacy and efficacy of different stakeholder disaster response:-

- To enhance coordination and synchronize efforts of various Emergency Support Functions & Incident Response System (IRS);
- Public and institutional awareness & preparedness;
- Response Plans (of DDMPs/ Departmental DMPs) at respective levels;
- Knowledge about ESFs and institutionalization thereof in the Departments/Districts;
- IAG/GO-NGO Coordination;
- To find gaps in the resource, work force, equipment communication and systems at District;

## Key Participants

Himachal Home Guards, Police, Health, Fire and District & Sub-division IRT members, NCC, DIAG, Red Cross Volunteers.



### Schedule

Mock Drills are means and ways to test the available work force & machinery in simulated emergencies. Thus in order to test the readiness, coordination and functionality of resources in terms of both work force & machinery available at State & Districts level, 9th State Level Mega Mock Exercise on Earthquake conducted under the overall supervision of National Disaster Management Authority & HPSDMA. The schedule of the drill is as follow:

| SN | Activity                              | Date & Time                       |
|----|---------------------------------------|-----------------------------------|
| 1. | Orientation & Coordination Conference | 27/05/2025<br>(11:00 am onwards)  |
| 2. | District Level Meeting of IRT Members | 02/06/2025<br>(11:00 am onwards)  |
| 3. | Table Top Exercise                    | 03/06/2025<br>(11:00 am onwards ) |
| 4. | Mock Exercise (Physical Simulation)   | 06/06/2025<br>(09:00 am onwards)  |

### 1. Orientation & Coordination Conference:

During the Orientation and Coordination Conference, Maj. General Sudhir Behal, (Retd), Lead Consultant, NDMA gave a detailed presentation. He briefed that the efficacy of the Response Plan (DDMP/SDMP/Departmental DMPs) at their respective levels can be assessed by evaluating several key components. This includes understanding the Incident Response System (IRS) at both the state and district levels and ensuring the response during mock exercises aligns with IRS norms. The process involves activating the Emergency Operations Center (EOC), establishing staging areas, assembling resources, creating task forces, conducting rescue and relief operations, evacuating casualties, and setting up relief camps.

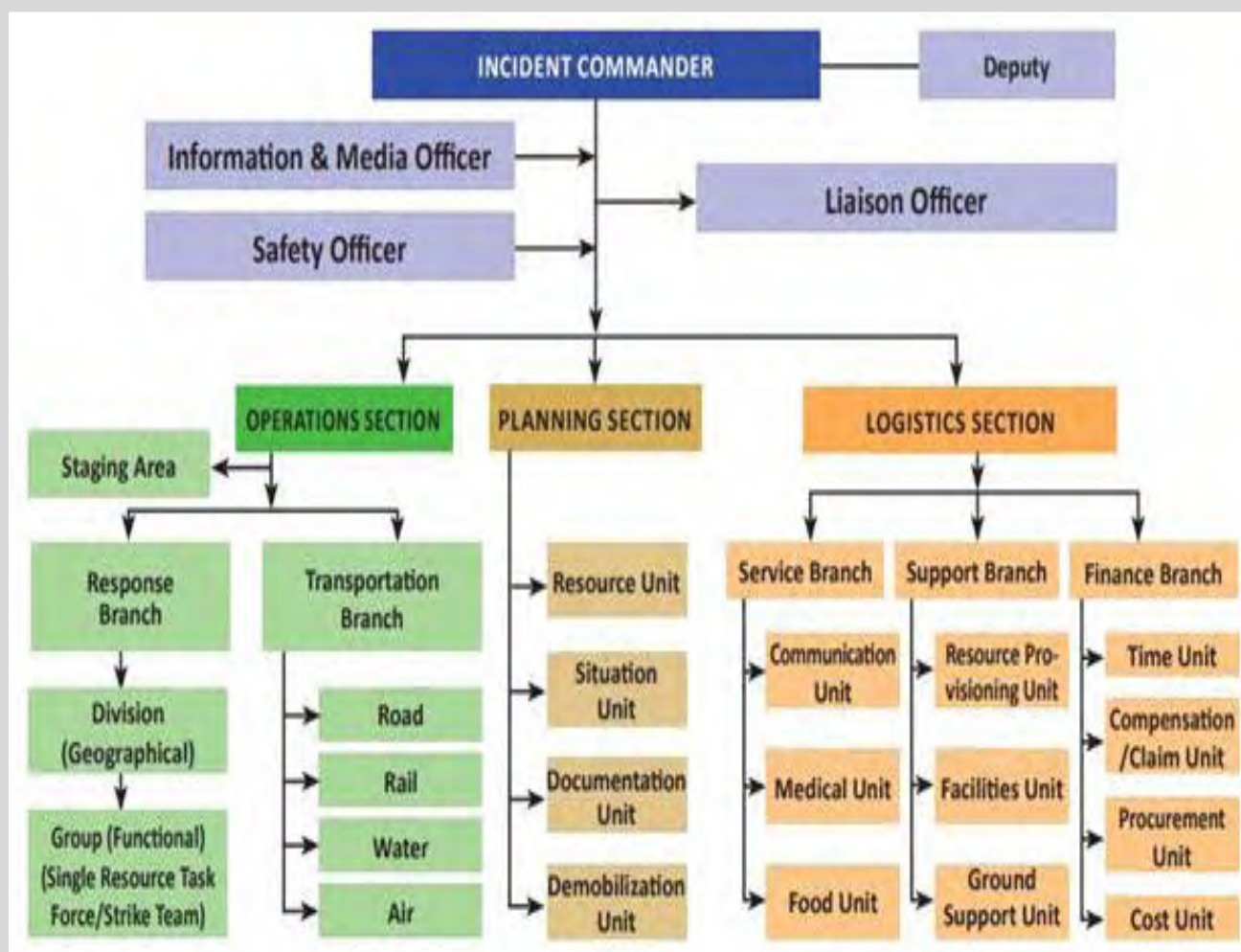


**Orientation and Coordination Conference on 27/05/2025**

## 2. District Level Meeting of IRT Members:

A District level meeting of key members of the District Incident Response Team (IRT) was conducted before the proposed TTX. The aim is to sensitize and orient all designated IRT members regarding their roles and responsibilities before, during, and after a disaster as part of the preparedness activities for the Mega Mock Exercise.

Meeting was chaired by worthy Deputy Commissioner-cum-Chairman of DDMA Bilaspur in preparation for the Mega Mock Exercise, and primary focus was to ensure that all designated members of the Incident Response Team (IRT) are fully aware of and oriented towards their crucial roles and responsibilities throughout all stages of a disaster-encompassing the preparedness, response, and recovery phases.



**\*Flow Chart of IRS\***

Main participants of the meeting were IRT members of District Level and members of IRT of sub-divisional level, were connected virtually. The detailed scenario has been discussed with all IRT members as per their roles & responsibilities. After that simulation sites were finalized.

# MOCK EXERCISE

## 9<sup>th</sup> STATE LEVEL MEGA MOCK DRILL ON EARTHQUAKE



**District Level Meeting of IRT Members**

### 3. Table Top Exercise:

A comprehensive Table Top Exercise (TTX) was conducted to simulate statewide mock exercises addressing earthquakes. The exercise aimed to evaluate the preparedness, response mechanisms, and inter-agency coordination among various stakeholders. As per the scheduled activities, Table Top Exercise was conducted on 03/06/2025 through online mode and scenario of the drill was discussed in detail. All concerned IRT stakeholders attended the said meeting.



**Table Top Exercise on 03/06/2025**

**4. Mock Exercise:** Exercise conducted at 8 no.s of simulation sites.



## Simulation Sites for Mock Exercise

| <i>Sr. No.</i> | <i>Sub Division</i>    | <i>Simulation Site</i>                | <i>Long/Lat</i>                | <i>Incident Scenario</i>                    | <i>Site Incharge</i>                |
|----------------|------------------------|---------------------------------------|--------------------------------|---|-------------------------------------|
| 1              | Sadar<br>(District HQ) | Near Housing Board Colony, Sadar      | 76°45'41.77"E<br>31°19'49.47"N | Earthquake & Fire                           | Dr. Rajdeep Singh, SDM Sadar        |
| 2              | Sadar                  | NTPC Koldam                           | 76°52'24.10"E<br>31°23'6.81"N  | Dam Burst                                   | Sh. D Deepu, AGM (OM)/ HOP Incharge |
| 3              | Sadar                  | Regional Hospital                     | 76°45'54.20"E<br>31°20'9.83"N  | Earthquake                                  | Medical Supdt. (MS Office RH)       |
| 4              | Ghumarwin              | Govt. Degree College Kalari           | 76°52'24.10"E<br>31°23'6.81"N  | Earthquake                                  | Sh. Gaurav Choudhry, SDM            |
| 5              | Jhandutta              | CHC Jhandutta                         | 76°38'8.83"E<br>31°22'2.56"N   | Earthquake                                  | Ms. Arshiya Sharma, SDM             |
| 6              | Swarghat               | Temple Premises of Shri Naina Devi Ji | 76°32'11.61"E<br>31°18'22.25"N | Earthquake                                  | Sh. Dharam Pal, SDM                 |
| 7              | Swarghat               | Thapna                                | 76°52'24.10"E<br>31°23'6.81"N  | Earthquake & Landslide                      | Sh. Sanjeev Kumar, Tehsildar        |
| 8              | Sadar                  | AIIMS Bilaspur                        | 76°47'4.09"E<br>31°17'9.53"N   | Surge of patients Referred from RH Bilaspur | Dr. Dinesh Verma, MS AIIMS          |

## Response Plan for Mega Mock Exercise

The plan was framed as per directions provided by NDMA to conduct Mock Exercise on June 06, 2025 as below:-

- ✓ Blowing of siren for 2 minutes at 9:00 AM;
- ✓ Do the evacuation drill and head count;
- ✓ Immediately activation of DEOC;
- ✓ Intimating the rescue forces Home Guards, Fire, Police within the district and other emergency service agencies NDRF/SDRF by DEOC;
- ✓ Assembling of DDMA members and IRT team within DEOC for further action plan to be carried out after assessment of damage and loss;
- ✓ Taking count or estimation of the loss of life and damaged having occurred by the RO;
- ✓ Formation of Incident Action Plan as per IRS format;
- ✓ Setting up of Staging Area and ICP;

# MOCK EXERCISE

## 9<sup>th</sup> STATE LEVEL MEGA MOCK DRILL ON EARTHQUAKE

- ✓ Formation of Task Forces, strike teams, mobilizing them to incident sites based on damage assessment;
- ✓ Immediately Activation of Medical facilities;
- ✓ Setting up of minor medical camps at the site of incidence and relief camps for first aid;
- ✓ Evacuation of the survivals and victims from the incident site to the designated relief camps;
- ✓ Disposal of carcasses to mortuary or cremation ground after proper documentation;
- ✓ Compensation provision to the victims;
- ✓ Demobilization of technical and human resources by the IC;
- ✓ Closing of the Mock drill with sound of the siren, debriefing by NDMA and SEOC, Shimla;

### Awareness of Mega Mock Drill:

Awareness have been done through print, electronic, and social media regarding the upcoming earthquake mock exercise. This is to raise public awareness and help prevent panic during the exercise.

**DDMA Bilaspur HP**  
District Disaster Management Authority, Bilaspur (HP)

Page · Local business

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**DPRO Bilaspur**  
4 June at 07:06 · 🌐

भूकंप जैसी आपदाओं से निपटने को तैयार बिलासपुर प्रशासन - 6 जून को आयोजित होगी राज्यव्यापी मेगा मॉक ड्रिल  
आपदा में तत्काल मदद का डिजिटल समाधान  
सचेत ऐप करें डाउनलोड... See more





 **DPRO Bilaspur**  
4 June at 07:06

भूकंप जैसी आपदाओं से निपटने को तैयार बिलासपुर प्रशासन – 6 जून को आयोजित होगी राज्यव्यापी मैगा मॉक ड्रिल  
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सचेत ऐप करें डाउनलोड, पाएं आपातकालीन अलर्ट और जरूरी सूचनाएँ —  
डीसी

बिलासपुर 3 जून 2025

बिलासपुर जिले में 6 जून को राज्यव्यापी भूकंप मैगा मॉक ड्रिल का आयोजन किया जाएगा। इस संबंध में जानकारी देते हुए उपस्थित बिलासपुर राहुल कुमार ने बताया कि भूकंप जैसी प्राकृतिक आपदा की स्थिति में त्वरित और प्रभावी कार्रवाई सुनिश्चित करने के उद्देश्य से इस अभ्यास को आयोजित किया जा रहा है। उन्होंने मंगलवार को हिमाचल प्रदेश राज्य आपदा प्रबंधन प्राधिकरण (SDMA) द्वारा वर्चुअल माध्यम से आयोजित टेबल टॉप एक्सरसाइज में भाग लेने के उपरांत बताया कि जिले में मॉक ड्रिल की सभी आवश्यक तैयारियाँ पूरी कर ली गई हैं।

उन्होंने बताया कि इस अभ्यास के लिए संचालन प्रणाली, स्टेजिंग एरिया, राहत शिविर, चिकित्सा सहायता, वालंटियर टीमों की तैनाती तथा पर्यवेक्षकों की नियुक्ति जैसी सभी महत्वपूर्ण व्यवस्थाएँ सुनिश्चित की गई हैं। जिला मुख्यालय बिलासपुर में मुख्य स्टेजिंग एरिया स्थापित किया गया है, जहाँ से सभी गतिविधियों का संचालन और समन्वय किया जाएगा। मॉक ड्रिल के दौरान आपातकालीन सेवाओं की कार्यप्रणाली, राहत एवं बचत कार्यों की त्वरितता और उपलब्ध संसाधनों की व्यावहारिक जांच की जाएगी।

सिमुलेशन अभ्यास के लिए जिला में एनटीपीसी कोलडैम, हाउसिंग बोर्ड कॉलोनी, बाजार क्षेत्र, श्री नैना देवी जी मंदिर परिसर, सिविल अस्पताल बिलासपुर, अखिल भारतीय आयुर्विज्ञान संस्थान (एम्स) बिलासपुर तथा राजकीय महाविद्यालय को चिह्नित किया गया है। इन सभी स्थलों पर अभ्यास के दौरान टीमों तैनात रहेंगी और वास्तविक आपदा जैसी स्थिति का अभ्यास किया जाएगा। इसके अतिरिक्त, सभी उपमंडलों में भी स्थानीय स्तर पर स्टेजिंग स्टेशन स्थापित किए गए हैं।

जिला एवं उपमंडल स्तर पर सभी इमरजेंसी ऑपरेशन सेंटर (EOC) को पूर्ण रूप से क्रियाशील कर दिया गया है। मॉक ड्रिल के सफल संचालन हेतु राष्ट्रीय आपदा प्रबंधन प्राधिकरण (NDMA), राज्य आपदा प्रबंधन प्राधिकरण (SDMA) एवं अन्य संबद्ध एजेंसियों के प्रतिनिधि मौके पर उपस्थित रहेंगे, जो अभ्यास का निरीक्षण व मूल्यांकन करेंगे। उन्होंने आम जनता से अपील की कि वे इस अभ्यास को लेकर किसी भी तरह की घबराहट न करें तथा प्रशासन द्वारा जारी दिशा-निर्देशों का पालन करते हुए सहयोग करें।





## STATE WIDE MEGA MOCK EXERCISE

### on Earthquake in Himachal Pradesh

#### 6<sup>th</sup> June, 2025

**Organized By: District Disaster Management Authority, Bilaspur H.P.**

With The Assistance  
**National Disaster Management Authority, Govt. of India.**

Call us on **1077** during any Emergency (Toll Free **24\*7**)



# MOCK EXERCISE

## 9<sup>th</sup> STATE LEVEL MEGA MOCK DRILL ON EARTHQUAKE

### Conduct of Evacuation Drill in Offices/ Education Institutions:

An evacuation drill was conducted in Govt. Offices, Colleges, ITIs and other educational institutions on 06<sup>th</sup> June, 2025 and head count/roll call was conducted in the designated/ assembly area. During the drill, students/ staff were given by head of institutions on *Do's and Don'ts* on Earthquake.





# MOCK EXERCISE

9<sup>th</sup> STATE LEVEL MEGA MOCK DRILL ON  
EARTHQUAKE





## FINAL DAY OF MEGA MOCK DRILL (06<sup>TH</sup> JUNE, 2025)

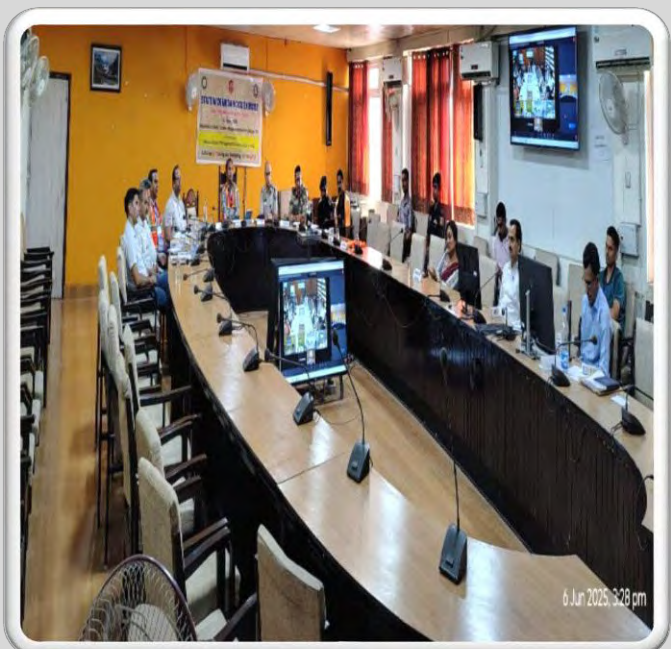
- **Siren Warning at Specified Locations:**

In response to the earthquake, siren warning has been activated in all specified incident locations. The sirens aim to alert people of potential aftershocks or other hazards, ensuring their safety and facilitating evacuations if necessary. Authorities were urging residents and visitors to follow evacuation instructions and take necessary precautions to minimize risk.

- **Emergency Operations Centre Activated for Disaster Response:**

In response to the devastating earthquake, an Emergency Operations Centre (EOC) has been set up in the meeting hall of Deputy Commissioners office, Bilaspur. The EOC served as a central hub for coordinating disaster response efforts, bringing together key stakeholders, Incident Response Team and members of the District Disaster Management Authority (DDMA). The DDMA members, Incident Response Team (IRT), and other stakeholders had been gather at the Emergency Operation Center (EOC) to respond to disasters. The EOC had facilitated:

- ✚ **Situation Assessment and Monitoring:** Continuous monitoring and assessment of the disaster situation.
- ✚ **Resource Allocation and Mobilization:** Effective allocation and mobilization of resources.
- ✚ **Coordination of Rescue, Relief, and Medical Operations:** Seamless coordination of rescue, relief, and medical operations.
- ✚ **Information Sharing and Communication:** Timely sharing of information and communication among stakeholders.
- ✚ **Strategic Decision-Making and Planning:** Informed decision-making and planning to respond to the disaster.



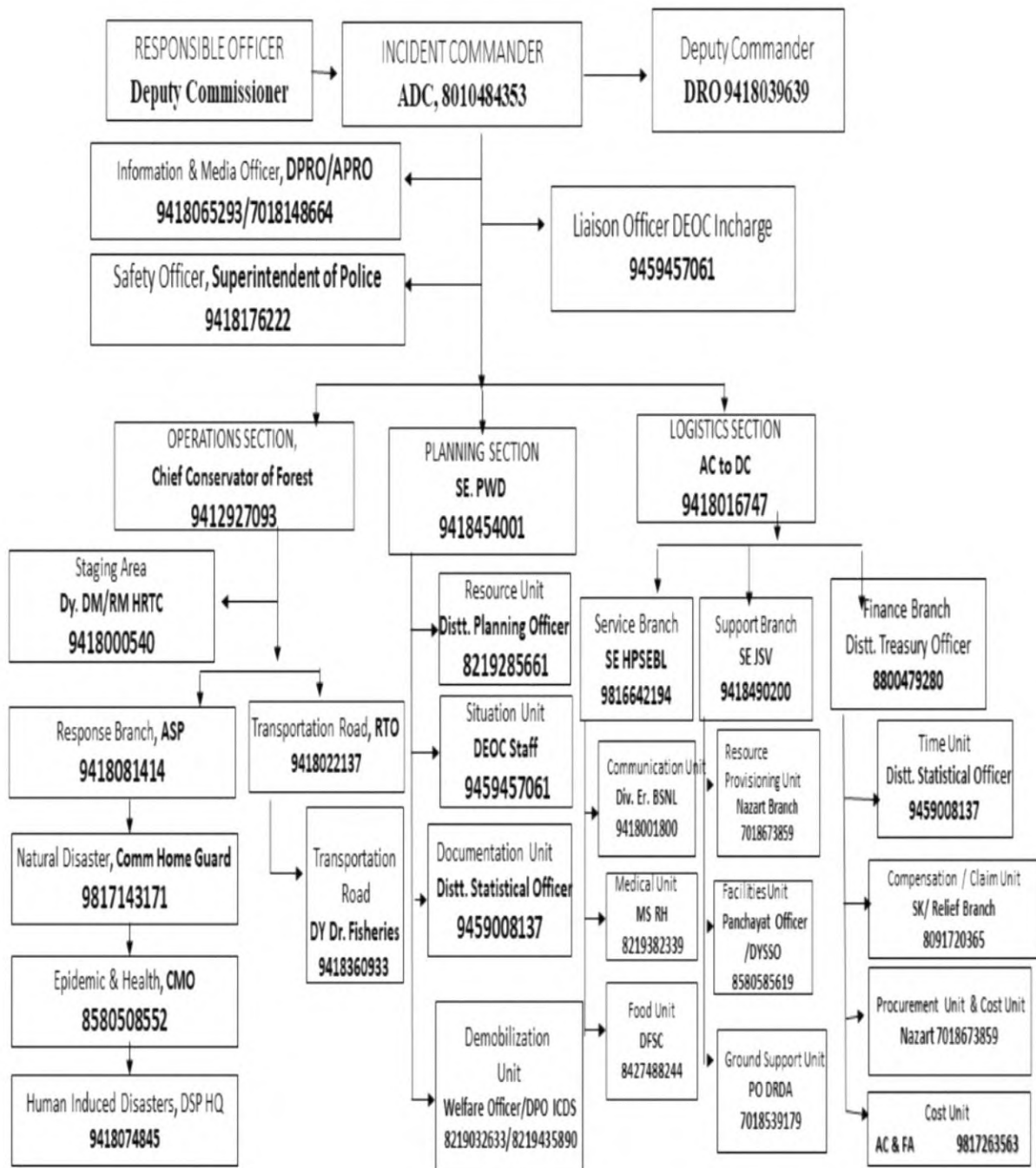


# MOCK EXERCISE

## 9<sup>th</sup> STATE LEVEL MEGA MOCK DRILL ON EARTHQUAKE

- **Incident Response System (IRS) Activation:** The Incident Response System (IRS) has been activated to coordinate a swift and effective response. All members of the incident response system worked in accordance with the IRS framework.

### Incident Response Team Flow Chart



# MOCK EXERCISE

## 9<sup>th</sup> STATE LEVEL MEGA MOCK DRILL ON EARTHQUAKE

- **Staging Areas Established for Resource Mobilization :**

A total of 6 (six) staging areas were set up, one at NTPC Koldam, Sadar DHQ and 4 at all the sub-divisions. These areas were equipped with essential resources such as JCBs, dumpers, bulldozers, excavators, buses, trucks, ambulances & fire tenders. This setup facilitated rapid resource mobilization, efficient response, and improved coordination among response teams and stakeholders, enabling quick deployment of equipment and resources to incident locations as needed.





## • Communication Setup:

During the exercise, communication among stakeholders were facilitated through satellite phones deployed at different locations, as well as wireless connectivity via VHF and wireless sets at all locations enabling effective sharing of information and coordination. Mobile phones were allowed to photography and videography only, and the Police department have setup wireless communication to ensuring seamless communication across incident locations.

## • Activation of Quick Response Team (QRT) :

Immediately after the earthquake, the Quick Response Teams (QRTs) were activated and deployed to the incident sites. The QRTs swift activation and deployment enabled a rapid response to the disaster, minimizing the impact on affected communities and facilitating the provision of essential services. The team comprised:

- ✚ **Police personnel** for maintaining law and order, securing affected areas, and facilitating rescue operations.
- ✚ **Home Guards** for assisting in rescue and relief efforts, and providing support to affected communities.
- ✚ **Fire Services** personnel for rescue operations, firefighting, and providing emergency services.
- ✚ **Medics and paramedics** for providing medical aid, emergency care, and transporting injured individuals to healthcare facilities.
- ✚ **Revenue department** officials for assessing damage, providing relief, and coordinating response efforts.
- ✚ **NGOs** for providing humanitarian support, relief materials, and services to affected communities.
- ✚ **NCC Volunteers** for assisting in rescue, relief, and rehabilitation efforts.
- ✚ **The QRTs** composition ensured a comprehensive response, addressing various aspects of the disaster.

## Quantum of Response (Machinery)

| S.N. | Item              | Qty | Service Provider     |
|------|-------------------|-----|----------------------|
| 1.   | Buses             | 03  | Private Vender       |
| 2.   | Trucks            | 03  | PWD                  |
| 3.   | Tipper            | 02  |                      |
| 4.   | JCB               | 02  |                      |
| 5.   | Fire Tender       | 03  |                      |
| 6.   | Pilot Fire Tender | 01  | Fire & NTPC Koldam   |
| 7.   | Ambulances        | 04  | Health               |
| 8.   | Life Buoy/Jackets | 20  | NTPC Koldam<br>& HHG |
| 9.   | Boat              | 02  |                      |
| 10.  | Stretchers        | 10  | HHG                  |
| 11.  | Blankets          | 10  |                      |
| 12.  | Ropes             | 15  |                      |

# MOCK EXERCISE

9<sup>th</sup> STATE LEVEL MEGA MOCK DRILL ON  
EARTHQUAKE

## Simulation Sites:

- **Site No.1** (Location: NTPC Koldam, Bilaspur)

**Incident Type:** Dam Burst

**Date & Time of Incident:** 06-06-2025 & 11:52 am

✚ **Casualties and Rescue:**

**Total Individuals Rescued:** 200

**Injuries:** 4 minor shifted in NTPC Hospital

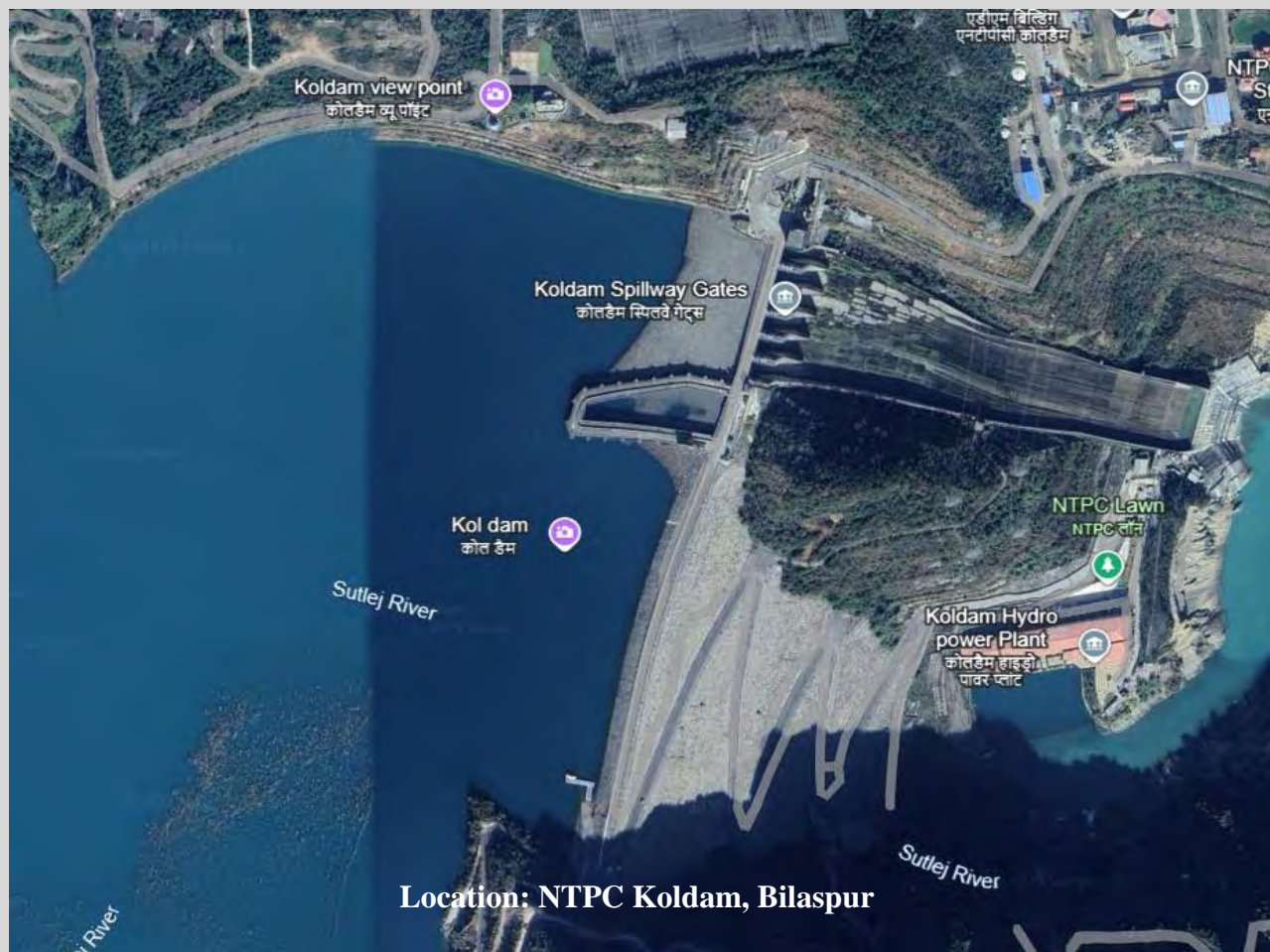
**Fatalities:** None





# MOCK EXERCISE

## 9<sup>th</sup> STATE LEVEL MEGA MOCK DRILL ON EARTHQUAKE



- **Site No.2** (Location: Near Housing board colony)

**Incident Type:** Earthquake and Fire

**Date & Time of Incident:** 06-06-2025 & 10:30 am

✚ **Casualties and Rescue:**

**Total Individuals Rescued:** 12

**Injuries:** 09

**Fatalities:** 03







Location: Near Housing board colony

- **Site No.3 (Location: RH Bilaspur)**

**Incident Type:** Earthquake

**Date & Time of Incident:** 06-06-2025 & 10:30 am

- **Casualties and Rescue:**

**Total Individuals Rescued:** 15

**Injuries:** 05

**Fatalities:** 01





# MOCK EXERCISE

9<sup>th</sup> STATE LEVEL MEGA MOCK DRILL ON  
EARTHQUAKE





# MOCK EXERCISE

9<sup>th</sup> STATE LEVEL MEGA MOCK DRILL ON  
EARTHQUAKE

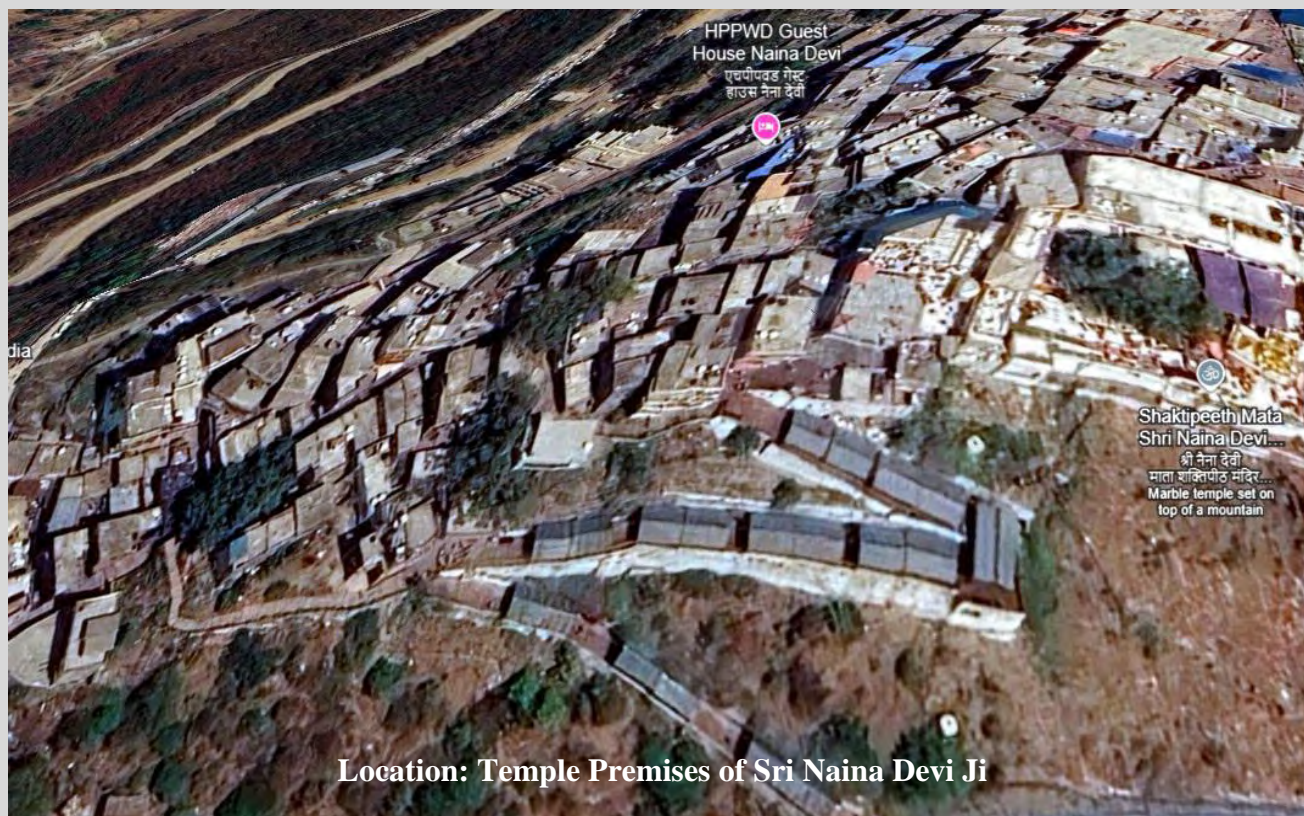
- **Site No.4** (Location: Temple Premises of Sri Naina Devi Ji)  
    **Incident Type:** Earthquake  
    **Date & Time of Incident:** 06-06-2025 & 09:37 am
- **Casualties and Rescue:**  
    **Total Individuals Rescued:** 13  
    **Injuries:** 00  
    **Fatalities:** 00





# MOCK EXERCISE

## 9<sup>th</sup> STATE LEVEL MEGA MOCK DRILL ON EARTHQUAKE



- **Site No.5** (Location: Thapna Tehsil Sri Naina Devi Ji)

**Incident Type:** Earthquake & Landslide

**Date & Time of Incident:** 06-06-2025 & 10:50 am

✚ **Casualties and Rescue:**

**Total Individuals Rescued:** 09

**Injuries:** 09





# MOCK EXERCISE

9<sup>th</sup> STATE LEVEL MEGA MOCK DRILL ON  
EARTHQUAKE





# MOCK EXERCISE

## 9<sup>th</sup> STATE LEVEL MEGA MOCK DRILL ON EARTHQUAKE

- **Site No.6** (Location: Govt. Degree College Kalari, Tehsil Ghumarwin)

**Incident Type:** Earthquake

**Date & Time of Incident:** 06-06-2025 & 10:30 am

✚ **Casualties and Rescue:**

**Total Individuals Rescued:** 155

**Injuries:** 145

**Casualties:** 10





# MOCK EXERCISE

## 9<sup>th</sup> STATE LEVEL MEGA MOCK DRILL ON EARTHQUAKE

- **Site No.7** (Location: CHC Jhandutta)

**Incident Type:** Earthquake

**Date & Time of Incident:** 06-06-2025 & 10:30 am

✚ **Casualties and Rescue:**

**Total Individuals Rescued:** 29

**Injuries:** 28

**Casualties:** 01





# MOCK EXERCISE

9<sup>th</sup> STATE LEVEL MEGA MOCK DRILL ON  
EARTHQUAKE

- **Site No.8 (Location: AIIMS Bilaspur)**

**Incident Type:** Surge of patients Referred from RH Bilaspur

Date: 06.06.2025

Location: AIIMS Bilaspur

Type of Drill: Mass Casualty Management (MCM) – Landslide Scenario

Time of Alert: 10:17 AM

Source of Information: Police Control Room, conveyed by Mr. Gaurav

On 06th June 2025, at 10:17 AM, AIIMS Bilaspur received an emergency alert from the Police Control Room through Mr. Gaurav, informing about a reported landslide incident in the Kangra district. It was conveyed that multiple casualties had occurred and that emergency patients were being referred to AIIMS Bilaspur for urgent care.

Immediately upon receiving the information, the Mass Casualty Management (MCM) protocol at AIIMS Bilaspur was triggered without delay. Within three minutes of the alert, the triage area was activated and made operational. The complete activation of the MCM protocol, including the mobilization of emergency medical teams, support staff, triage officers, logistics personnel, and the communication cell, was successfully achieved within thirteen minutes.

A total of thirty-two (32) patients were received during the exercise. All patients were triaged and managed according to the defined emergency categories. Patients were segregated into red (critical) and green (stable) categories based on their clinical presentation, and were provided immediate care and stabilization as per triage protocols.

After receiving confirmation from the initial informant, Mr. Gaurav, that no further patients were being referred to the hospital, the MCM protocol was formally de-escalated. All departments were notified accordingly, and normal hospital operations were gradually resumed under administrative supervision.

Prepared By:

Control Room

AIIMS Bilaspur

Date: 06.06.2025

Reviewed & Approved By:

Dr. Dinesh Verma

M.S. AIIMS Bilaspur

Medical Superintendent  
चिकित्सा अधीक्षक  
AIIMS, Bilaspur (H.P.)  
अ.भा.आ.स. बिलासपुर (हि.प्र.)

# MOCK EXERCISE

9<sup>th</sup> STATE LEVEL MEGA MOCK DRILL ON  
EARTHQUAKE





| Details of Evacuee | Nos | Injured | Dead |
|--------------------|-----|---------|------|
| Male               | 303 | 163     | 36   |
| Female             | 142 | 58      | 04   |
| Children           | 3   | 3       | 0    |
| Old Age            | 0   | 0       | 0    |
| Differently Abled  | 0   | 0       | 0    |
| Animals            | 0   | 0       | 0    |
| Total              | 448 | 224     | 40   |

## Gap analyses:

1. Some members of IRT are not much clear about their actual role in the IRS.
2. Wireless communication channels like walky talky are available with Police Dept.
3. Entry/ exits points are not mentioned at Staging areas.
4. No security of damaged ATMs & Banks.
5. Delay in reporting. Lack of real-time documentation
6. Less participation of volunteers & DIAG Group members.
7. Security of food, medicines distribution to be ensured at Relief Shelter.

## Media Mentions

### मॉक ड्रिल : अस्पताल में आई दरार, स्ट्रेचर पर बाहर निकाले मरीज

भूकंप के दौरान कोलडैम साइट पर बनी बाढ़ जैसी स्थिति, नयना देवी मंदिर क्षेत्र में सायरन बजते ही श्रद्धालुओं की निकासी हुई शुरू

संवाद न्यूज एजेंसी

बिलासपुर। जिले में शुरुवार को आपदा प्रबंधन अभ्यास का जीवंत रूप से किया गया। सुबह 9 बजे शुरू हुए राज्य स्तरीय मॉक ड्रिल के दौरान जिले के सात स्थानों पर अलग-अलग आपदाओं का सजीव दृश्य तैयार किया गया, जिसने कुछ देर के लिए लोगों को यह एहसास करवा दिया कि यदि भूकंप या अन्य आपदा आ जाए तो क्या होगा।

क्षेत्रीय अस्पताल बिलासपुर में भूकंप के बाद इमारत में दरार आने और मरीजों के घायल होने का सीन तैयार किया गया। घायल मरीजों को स्ट्रेचर पर लिटाकर तत्काल बाहर लाया गया। डॉक्टरों की टीम ने मौके पर ही प्राथमिक उपचार देना शुरू किया। पूरे परिसर में कुछ मिनटों के लिए अफरातफरी का माहौल था,



जिले में मॉक ड्रिल के दौरान उपचार करते स्वास्थ्य कर्मचारी। स्रोत: प्रदीपभारती

बिलकुल असली जैसी स्थितियां बनाई गईं। अग्निशमन कर्मी और पुलिस बल भी मुस्तैद दिखे।

श्री नयना देवी मंदिर परिसर में जैसे ही सायरन बजा, मॉक ड्रिल की शुरुआत हुई। घोषणा हुई कि

मंदिर क्षेत्र में भूकंप आया है और लोगों को तुरंत बाहर निकाला जाए। श्रद्धालु बने स्थानीय प्रतिभागी भागते हुए बाहर निकले, मंदिर प्रबंधन और पुलिस ने उन्हें सुरक्षित स्थानों पर पहुंचाया। इस दौरान सीड़ियों और



श्री नयना देवी मंदिर से घायल को बाहर निकालते हुए। संवाद

गलियारों में निकासी के विशेष अभ्यास किए गए। पुलिस के साथ होमगार्ड और नगर परिषद कर्मियों का समन्वय भी देखने लायक था। धुमारवाँ के राजकीय महाविद्यालय कलरी में ड्रिल के

#### कलरी कॉलेज में मॉक ड्रिल के दौरान दर्शाया आग लगने का दृश्य

दौरान भूकंप के साथ ही एक कमरे में आग लगने का दृश्य बनाया गया। कुछ ही पलों में दमकल वाहन सायरन बजाते हुए मौके पर पहुंचा। अग्निशमन विभाग की टीम ने तुरंत पाइपलाइन फिट की और आग बुझाने की कार्रवाई की। घायल छात्रों को बाहर निकाला गया और फर्स्ट एड दी गई।

इस दौरान कॉलेज स्टाफ और एनसीसी कैडेट्स ने भी सहयोग किया। एनटीपीसी कोलडैम परिसर में भूकंप के बाद बांध में दरार आने और पानी के रिसाव की स्थिति दर्शाई गई। तेजी से अलार्म बजा, कर्मचारियों और स्थानीय लोगों को बाहर निकालने की प्रक्रिया शुरू

हुई। बाढ़ प्रभावित क्षेत्र में पानी भरे टुकों से पानी बहाकर सीन के यथार्थपूर्ण बनाया गया। राहत टोले ने तत्काल राहत शिविर स्थापित किया और लोगों को भोजन व प्राथमिक चिकित्सा मुहैया कराया।

उपायुक्त राहुल कुमार ने सभी स्थलों का निरीक्षण किया और अभ्यास के बाद समीक्षा बैठक में कहा कि इस तरह की गतिविधियां हमें किसी भी वास्तविक आपदा में पहले सचेत और तैयार करती हैं। सभी विभागों का समन्वय संतोषजनक रहा।

इस दौरान बैठक में एनपी बिलासपुर संदीप धवल भी विशेष तौर से मौजूद रहे। एनटीएसए की तकनीकी टीम ने बताया कि ड्रिल प्रभावी रही और उन्होंने विभागों की कार्यप्रणाली का विश्लेषण भी किया।



## **A Brief Report On**

**Mega Mock Drill Exercise 06<sup>th</sup> June, 2025 on Mega Mock Exercise on Earthquake conducted at Site 1- Landslide near Bagga Dam at NH154A, Site 2- Bridge Collapse due to Earthquake, Site 3- Govt. Building – Fire Emergency Bhuri Singh museum, Site 4- Govt Millennium Polytechnic, Site 5- Fire incident in Govt. Sr Sec. School Holi, Hospital Building Collapse Civil Hospital Sub-Division Bhattiyat (Chowari), Site 7- -Salooni Market place, Site 8- Govt. Office Building NHPC Banikhet, Site 9- Avalanche near to Mini Secretariat in Pangi District Chamba, Himachal Pradesh.**

- |                                 |   |   |
|---------------------------------|---|---|
| a).Orientation and Coordination | } | Conference Hall (NIC)of the DC Office on 27/05/2025 |
| b).Table Top Exercise (TTEX)    |   | Conference Hall (NIC)of the DC Office on 03/06/2025 |
| c). Mock Exercise (Physical)    |   | Field/Site on 06/06/2025                            |

### **Organized by**

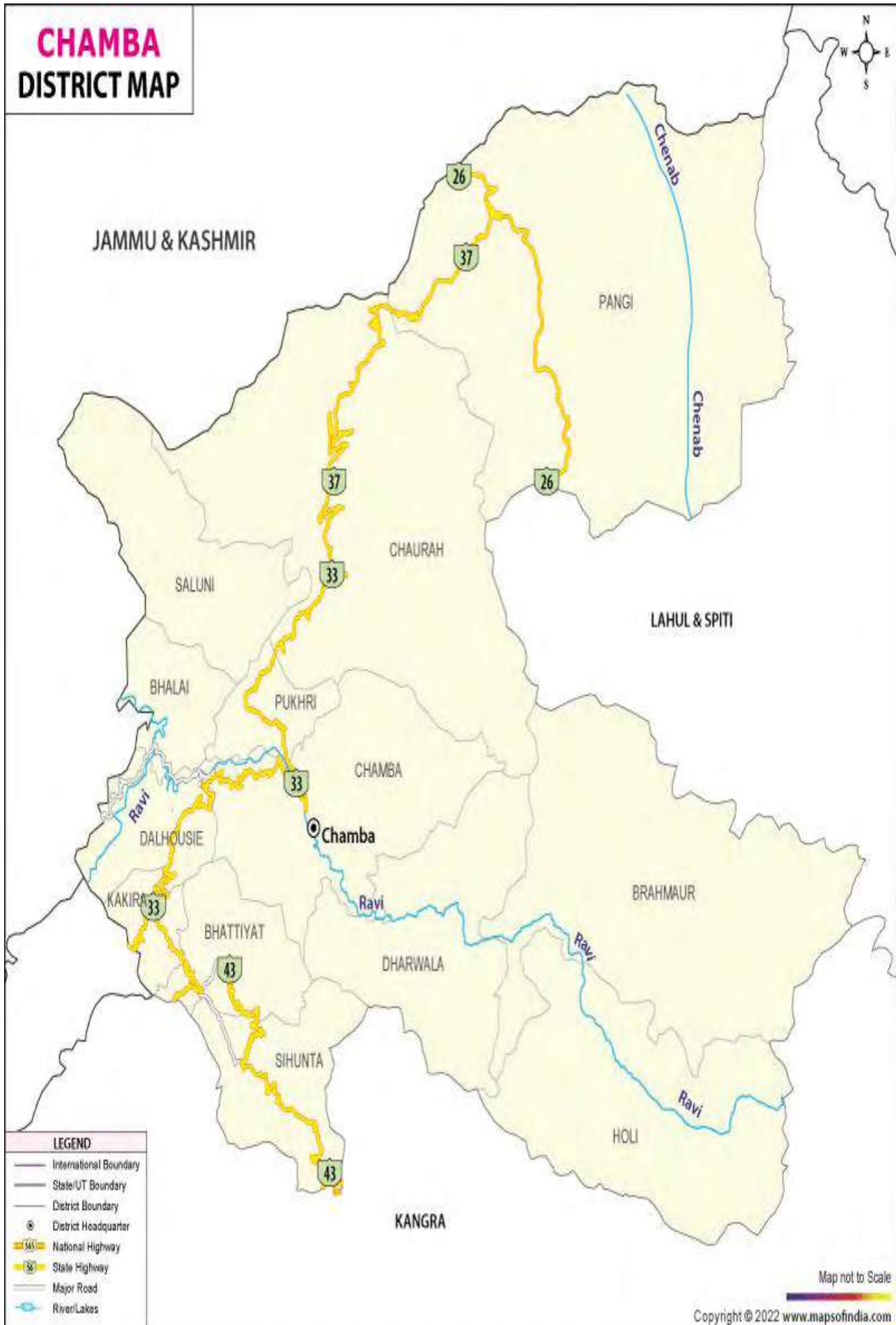
**District Disaster Management Authority (DDMA), Chamba  
&  
Himachal Pradesh State Disaster Management Authority (HPSDMA)  
Shimla**

### ***Prepared by:***

**District Disaster Management Authority  
(DDMA) Chamba, District Chamba,  
Himachal Pradesh-176310**



# CHAMBA DISTRICT MAP



## **Orientation & Co-ordination Conference 27<sup>th</sup> May, 2025.**

An orientation & co-ordination conference meeting regarding “Conducting of Mega Mock Drill Exercise on Earthquake at 09 Sites of District Chamba, i.e. :-

1. **Site-I Landslide near Bagga Dam at NH154A**
2. **Site- II Bridge Collapse due to Earthquake**
3. **Site-III Govt. Building – Fire Emergency Bhuri Singh museum**
4. **Site-IV Govt Millennium Polytechnic**
5. **Site-V Fire incident in Govt. Sr. Sec. School Holi**
6. **Site- VI Hospital Building Collapse Civil Hospital Sub-Division Bhattiyat (Chowari)**
7. **Site-VII Salooni Market place**
8. **Site- VIII Govt. Office Building NHPC Banikhet**
9. **Site- IX Avalanche near to Mini Secretariat in Pangi District Chamba, Himachal Pradesh**

The Orientation workshop was conducted through Video Conference (VC) on 27<sup>th</sup> May, 2025 at 11:30 AM under the Chairmanship of Director-cum- Special Secretary (Revenue-DM) to GoHP in which Worthy Deputy Commissioner-Cum-Chairman, DDMA- Chamba and Addl. District Magistrate-cum-Nodal Officer DDMA Chamba with the representatives of the line departments and other stakeholders were also present. The meeting was held to keep the concerned departments in readiness in respect of earthquake.

At the outset, the Chairperson and emphasized that all stakeholder departments need to remain in ready mode to tackle the impact of Earthquake. He further apprised that earthquake & fire like situations at around 09 sites in Chamba have been created, so that real life situations can be handled efficiently and effectively without any loss of time so that the loss to human life and property can be minimized.

### **Directions to All the Representatives of Stakeholder Departments/Organizations:-**

- 1) The Deputy Commissioner –cum- Chairman DDMA Chamba directed all the Representatives of Stakeholder, Departments/Organizations to reach the Staging Area as soon as possible after triggering of Mock Drill exercise. The incident of Earthquake and Landslide will be triggered by the HPSDMA, Shimla at any time in the morning hours of 06<sup>th</sup> June, 2024.
- 2) The overall Incident Commander will be Sh. Prithi Paul Singh, HAS, (AC to DC Chamba), Sh. Rajeev Kumar (XEN PWD Chamba) and Smt. Neelam (EO, MC Chamba) will be Staging Area Managers.
- 3) The District Emergency Operation Centre (DEOC), Chamba should be activated at its fullest capacity.

- 4) The EO MC Chamba, XEN PWD Chamba and consultants of DDMA- Chamba directed to ensure the establishment of Staging Area as per the Incident Response System (IRS).
- 5) All the teams shall perform their duties effectively on the directions of the Incident Commander.
- 6) The DEOC shall inform all the Head of Departments/Organizations about the incident without any loss of time.
- 7) All the representatives of the stakeholder departments should reach the Staging Area along with their teams and essential equipments and report the Incident Commander.
- 8) The Health and Fire Department were directed to deploy their doctors/para-medical staff along with ambulances/fire tenders and staff. It was directed that the active participation of CISF, which is already serving in the affected area should be ensured.
- 9) The DEOC Chamba shall ensure to inform CISF Unit of Chamara-I, II, III and Baira Siul about the incident with a request to participate in Search & Rescue operation.
- 10) The District Food and Civil Supply Officer was directed to make all necessary arrangements relating to essential commodities required at the Staging Area.
- 11) The Aapda Mitra, task force of local youth volunteers, NSS, NCC, representatives of surrounding PRIs and NGOs should also participate to combat with the emergent situation arises due to earthquake..
- 12) The XEN Jal Shakti Vibhag was directed to make the necessary arrangements of water tanker and Drinking water required at the Staging Area.
- 13) The XEN, HPSEBL Chamba was directed to make the arrangement of Generator for Emergency Power Supply required at the Staging Area.

### **Table Top Exercise (TTEX) at SDMA through Video Conference on 3rd June, 2025 at 10:00 AM**

The Table Top Exercise (TTEX) at SDMA was conducted through Video Conference (VC) on 3<sup>rd</sup> June, 2025 at 10:00 AM under the Chairmanship of Worthy Chief Secretary, Government of Himachal Pradesh (Revenue-DM) to Go HP with the Member & Senior Consultant of National Disaster Management Authority (NDMA), CWC, IMD - Shimla and other senior officers at State Level in presence of the SDM's, ASP, CMO, SE PWD, JSV, HPSEB, Civil Defence Forces- Home guard & Fire, IRT unit Heads with other departmental Heads and Observers from the Air Force Station Dalhousie and CISF.

The Worthy Deputy Commissioner-Cum-Chairman, DDMA- Chamba with the representatives of the line departments and other stakeholders were also present. The meeting was held to keep the concerned departments in readiness in respect of Earthquake.

During the Video conference, the State described the Earthquake for 6<sup>th</sup> June, 2025 and asked various Deputy Commissioners about their preparation. After the conference all Stakeholders were again reminded to conduct the drill keeping with the points described during the presentation of the state during video conferencing by NDMA. The SOP's of the District Disaster plan and their departmental plans to be activated and synergized within their respective departments as well. All were asked to be ready for the exercise at 9:00 AM. The meeting ended with vote of thanks to all the participants.



## Overview

As per the directions received from the State Disaster Management Authority (SDMA), Himachal Pradesh, a **State Level Mega Mock Exercise** simulating an **8.0 magnitude earthquake with epicentre at Kangra (Lat: 32.03'52.20" N, Long: 76.16'30.90" E)** was successfully conducted across various sub-divisions of District Chamba on 14.06.2025

All Incident Response Teams (IRTs), line departments, and observers were informed in advance. The aim of the mock drill was to assess the preparedness and coordination among stakeholders during major disaster situations.

## INCIDENT REPORTS FROM VARIOUS LOCATIONS

### Staging Area at Police Ground Chamba:



### **Incident Site 1 – Bagga Dam**

- **Time of Incident:** 09:30 AM
- **Scenario:** Landslide resulted in the collapse of a building. Road connectivity disrupted.
- **Casualties:** 13 persons injured (03 major, 10 minor)
- **Action Taken:** Immediate response by Home Guard, NCC, HPPWD, and other line departments. Injured shifted to health facilities.
- **Status:** Rescue operations concluded by 12:45 PM.





## **Incident Site 2 – Saal Khad**

- **Time of Incident:** 10:42 AM
- **Scenario:** Bridge collapsed at Saal Khad
- **Casualties:** 03 male persons injured; 01 serious case airlifted to PGI Chandigarh
- **Communication:** Due to ISAT non-functionality, requisition was sent via VSAT to SEOC for Heli Taxi
- **Status:** Rescue operations concluded; all injured shifted to hospitals.



### **Incident Site 3 – Bhuri Singh Museum, Chamba**

- **Time of Incident:** 10:16 AM
- **Scenario:** Fire emergency inside the Museum
- **Casualties:** 02 males died, 02 females injured and hospitalized, 04 safely rescued
- **Status:** Fire brought under control; rescue operation closed by 11:14 AM.



### **Incident Site 4 – Polytechnic College, Sarol**

- **Time of Incident:** 10:08 AM
- **Scenario:** Building collapse due to landslide-blocked approach
- **Casualties:** 11 persons rescued, 03 injured and hospitalized, 08 safe
- **Status:** Rescue completed.







### **Incident Site 5 – Sub Division Bhattiyat (CHC Chowari)**

- **Time of Incident:** 09:45 AM
- **Scenario:** Building collapse; 12–13 persons trapped
- **Casualties:** 02 males died; 04 major injuries (03 male, 01 female)
- **Status:** Rescue operation completed and services restored.



## **Incident Site 6 – Sub Division Salooni**

- **Time of Incident:** 09:47 AM
- **Scenario:** Earthquake impact in Salooni market area
- **Casualties:** 07 injured (01 male, 06 female)
- **Status:** All rescued, in stable condition.





### **Incident Site 7 – Sub Division Dalhousie (NHPC EDO Office Banikhet)**

- **Time of Incident:** 09:50 AM
- **Scenario:** Building collapse at NHPC office
- **Casualties:** 11 injured (03 major, 08 minor), 01 person died
- **Status:** All rescued, operation concluded.



## **Incident Site 8 – Sub Division Bharmour (Sr. Sec. School Holi)**

- **Time of Incident:** 09:30 AM
- **Scenario:** School building collapse and lab fire incident
- **Casualties:** 17 minor injuries (16 students, 1 teacher), 06 seriously injured (05 students, 01 teacher)
- **Status:** Rescue completed; injured shifted for treatment.





### **Incident Site 9 – Sub Division Pangi (Mini Secretariat Killar)**

- **Time of Incident:** 09:30 AM
- **Scenario:** Fire incident in Mini Secretariat due to earthquake
- **Casualties:**
  - 02 males died
  - 10 seriously injured (05 males, 04 females, 01 child)
  - 07 minor injuries (01 male, 03 female, 03 children)
  - 14 people shifted to relief camp
  - Animal loss: 05 dead, 07 injured
- **Status:** Rescue and relief work completed.
- **Note:** Landslide also reported at Uru Ki Dhank – no major loss reported.



**9<sup>th</sup> Mega Mock Exercise 6<sup>th</sup> June, 2025 on Earthquake Location of State Level Mega Mock Exercise (District Chamba)**

| Site & Incident site In-charge  | Name of Hazard/ Disaster  | Quantum of Response                                  |  |   |  |   |
|---|---|--|--|---|--|---|
|   |   | Simulation/Response                                  | Response by  | Machinery   | (Name of Hospital to be activated)                                   | Detail of Observer  |
| <b>Site- Landslide near Bagga Damat NH154A- Sub-Division Chamba. NHPC In-Charge &amp; Sh. Meet Singh XEN NH-PWD- 9418463200</b> | <b>Chamera-III Dam - Landslide &amp; Communication Failure</b>        | SAR of trapped workers / citizens                    | Dam / District authorities , F&ES, NDRF, CISF, PWD, Health | Bus-01, Truck -01 JCB -(01) Vehicle- (01) (Rescue Tools) Tent for incident command post | Pt. Jawahar Lal Nehru Government Medical College And Hospital Chamba | <b>Sh. Shri Harsh Asstt. Comdt., CISF Unit CHEP II &amp; III 9319719869</b> |
|   |   | Evacuation-12 workers/locals                         | Home Guard, Health, PWD, Police                            |   |  |   |
|   |   | Establishment of Temporary Communication             | BSNL & other TSPs  |   |  |   |
|   |   | Restoration (debris removal)                         | PWD (NH)   |   |  |   |
| <b>Site 2- Saal Khad Bridge- NH 154A Sub Division- Chamba ShKushal Katoch Commandant Home Guard-7018746095</b>                  | <b>Site 2- Bridge Collapse due to Earthquake Sub Division- Chamba</b> | Restoration (debris removal road electricity; water) | PWD, Jal Shakti, HPSEBL                                    | Bus-01, Truck -01 JCB -(01) Vehicle- (01) (Rescue Tools) Tent for incident command post | <b>Ayurvedic Hospital Baloo, Chamba</b>                              | <b>Sh. Krishan Chander Malik Inspector/Exe, CISF Unit CHEP-I 9654572062</b> |
|   |   | Evacuation of 03 Trapped people                      | Police, PWD, Home Guard                                    |   |  |   |
|   |   | 03 Trapped people will shift to hospital             | Health and local volunteers                                |   |  |   |

| Site & Incident site In-charge  | Name of Hazard/Disaster                              | Quantum of Response                                  |  |   |  |  |
|---|--|--|--|---|--|--|
|   |  | Simulation/Response                                  | Response by                                  | Machinery   | (Name of Hospital to be activated)                                   | Detail of Observer   |
| <b>Site3- Bhuri Singh museum Sub-Division Chamba.</b><br><br><b>Sh. Dixit Rana</b><br><b>Tehsildar Chamba- 7876687885</b> | Govt. Building – Fire Emergency Bhuri Singh museum   | SAR of trapped Staff and visitors                    | Police, Home Guard, PWD, Health, Aapda Mitra | Vehicle- (01) (Rescue Tools) Tent for incident command post         | Government Hospital Chamba .   | <b>Sh. Moirangthem Lokeshwar Singh</b><br><b>Sub-Inspector/ Exe, CISF Unit CHEP 9856685737</b> |
|   |  | Evacuation of 01 dead bodies                         | Police, Health, PWD                          |   |  |  |
|   |  | Fire due to short circuit in Museum Lobby            | Fire, PWD                                    |   |  |  |
| <b>Site 4 - Govt Millennium Polytechnic</b><br><br><b>Sh. Priyanshu Khati</b><br><b>SDM Chamba- 9882037476</b>            | Site 4- ITI – SAR Simulation & First Aid with TRIAGE | SAR of trapped 10 Students and 04 Staff              | Home Guard, PWD, Health                      | Bus-01, Vehicle- (01) (Rescue Tools) Tent for incident command post | Pt. Jawahar Lal Nehru Government Medical College And Hospital Chamba | <b>Sh. Vivek Kumar Das</b><br><b>SI/Exe, CISF Unit CHEP II &amp; III 7782940347</b>            |
|   |  | Establishment of medical health post for TRIAGE      | Health, PWD                                  |   |  |  |
|   |  | Shifting of 3 seriously injured students to hospital | Health, MC chamba                            |   |  |  |

### Staging Area Police Ground Chamba.

| Stakeholder   | Staging Area                                 |  | Observer  |
|---|--|--|---|
| Health Department   | Ambulance for blood donate camp (Red Cross ) | 06   | Observer for Staging Area :-  |
| Red Cross   | Mobile Health Van                            | 01   |   |
| HRTC/RTO  | Buses  | 05   | 1. Insp. Yog Raj, 14 <sup>th</sup> Battalion, NDRF, Nurpur-94183-09452  |
| HPPWD/NH  | JCBs/Trucks                                  | 05/05  |   |
| Police  | Police Vehicle                               | 02   | 2. Insp. HC Mukesh,14 <sup>th</sup> Battalion, NDRF, Nurpur-81328-10012 |
|   | Drone surveillance                           | 02   |   |
|   | Tent   | 10   |   |
|   | Megaphone                                    | 03   |   |
| NHPC  | NHPC-II                                      | 01 Truck, Bolero 02  |   |
|   | NHPC- III                                    | Bolero 02  |   |
| DDMA Chamba   | Life Jacket and Life Buoy Ring               | 05 each  | At DEOC Chamba:-  |
| JSV   | Water Tankers                                | 02   | Chief Observer  |
|   | Drinking water                               | All 05 sites   |   |
| HPSEBL  | Generator for Emergency Power Supply         | 01   | Sh. DS Pradeep  |
| DFSC  | Food Post                                    | 01 Post  | Lieutenant  |
|   | Tents  | Quantity   | Colonel Station   |
| 1. The installation of Tents at staging Area, (Police Ground Bargah Chamba), Incident site should be carried out by Police Department.<br>2. The installation of Toilets and sitting arrangement should be carried out by PO (DRDA) and EO (MC)Chamba.<br>3. XEN PWD Chamba and EO MC Chamba are requested to coordinate with the Police Department and DRDA Chamba for the installation of tents at the staging area and at the four Incident Command Post sites, along with necessary manpower support.<br>4. HPPWD and EO (MC) departments must ensure the timely removal of all tents installed at various sites immediately after the completion of the Mock Exercise. | Relief Camp                                  | 02 at each incident command Post (with 02 Tables and 04 Chairs along with staff by the own Deptt.) | Headquarters Dalhousie & Bakloh Dalhousie Cantt (M)-7344728442          |
|   | Operation Section                            |  |   |
|   | Planning Section                             |  |   |
|   | Logistics Section                            |  |   |
|   | Medical camps,                               |  |   |
|   | Food Supply,                                 |  |   |
|   | Blood Donate camps,                          |  |   |
|   | Water Supply,                                |  |   |
|   | Electricity supply,                          |  |   |
|   | wireless communication Camp                  |  |   |
|   | Sanitary post                                |  |   |

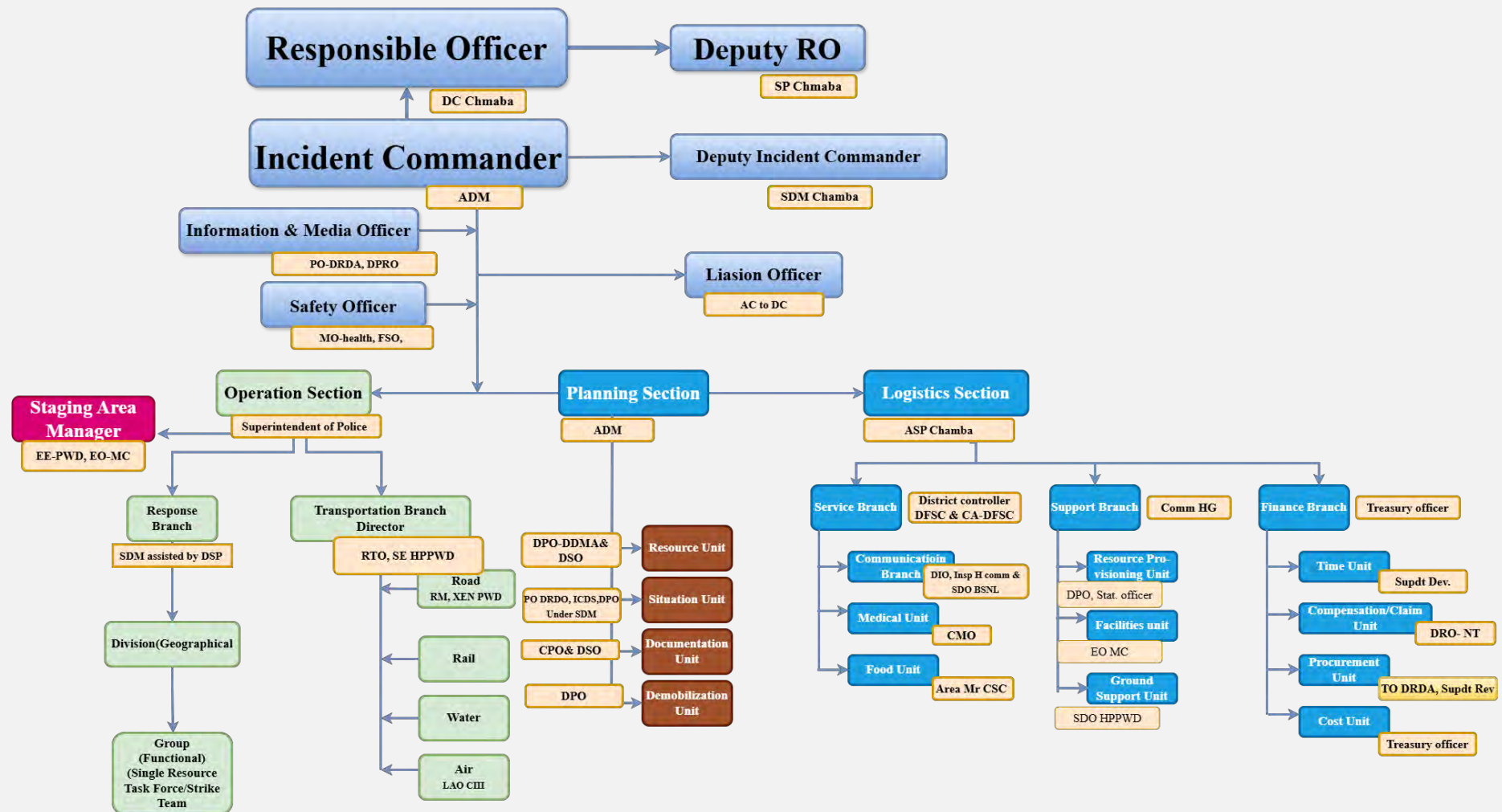


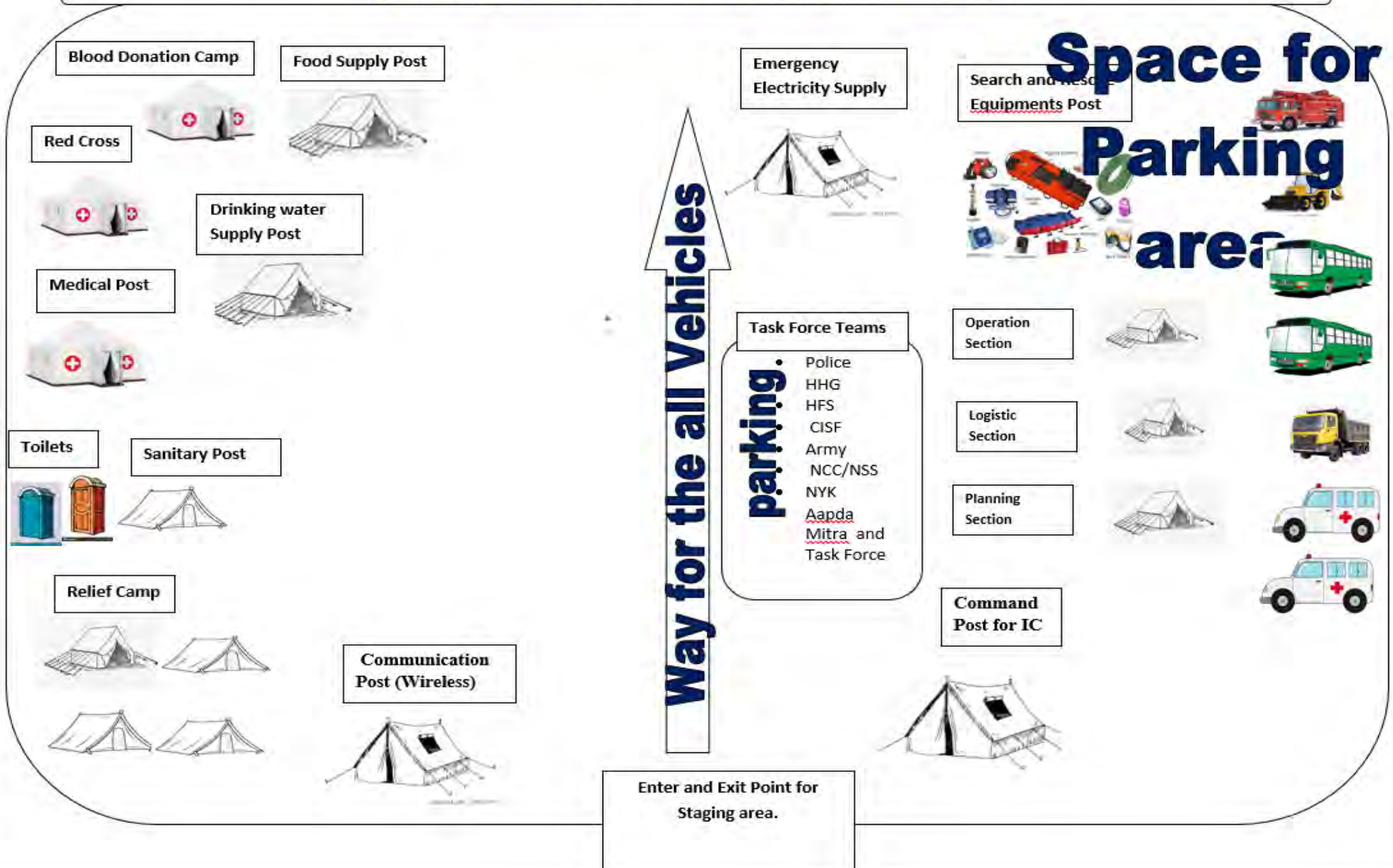
## **Detail of Manpower required at Staging area and at all Incident Sites**

| <b>Name of Deptt.</b>    | <b>No. of Manpower strength Approx.</b>  |
|--------------------------|--|
| <b>Health</b>            | <b>4+1 Doctors, 12 Nurse/Pharmacist<br/>5 Person ech (ICPs) Total=20</b>                     |
| <b>Red Cross</b>         | <b>Mobile Health van with Team</b>   |
| <b>RTO/HRTC</b>          | <b>Rescue Buses with staff.</b>  |
| <b>PWD</b>               | <b>40 Person</b>   |
| <b>Police</b>            | <b>25 Person</b>   |
| <b>MC</b>                | <b>20 Person</b>   |
| <b>Home Guard</b>        | <b>25 Person</b>   |
| <b>CISF</b>              | <b>20 Person</b>   |
| <b>Jal Shakti Vibhag</b> | <b>15 Person</b>   |
| <b>HPSEBL</b>            | <b>05 Person</b>   |
| <b>Revenue</b>           | <b>20 Person (Tehsildar, Kanungo, Patwaris, Chowkidar)</b>                                   |
| <b>Volunteers)</b>       | <b>( Red Cross-5 Task Force-30, ApdaMitra-35, NCC-50 and<br/>NSS -50 , NGO volunteers-30</b> |



# Incident Response System





## **Timeline of Events during State Mega Mock Drill**

| <b>Incident Site 1-Bagga Dam</b> |  |                    |   |                                   |
|----------------------------------|--|--------------------|---|-----------------------------------|
| <b><i>Sr. No.</i></b>            | <b><i>Information</i></b>  | <b><i>Time</i></b> | <b><i>received from</i></b>                             | <b><i>Action Taken</i></b>        |
| 1                                | Mock Drillk Started at Bagga Dam at 9:30 AM. Information received that a landslide occurred near bagga in which a building collapse,Road is closed and 10-12 people are trapped inside building. | 9:30 AM            | Chamera 2 Dam control Room via ISAT                     | Information given to staging area |
| 2                                | Rescue team moved to Chamera-II to Bagga Dam for rescue purpose.   | 10:11 AM           |   |                                   |
| 3                                | That the Team of Home Guard, NCC, HPPWD, JE NH are moved to the incident location.   | 10:20 AM           | Recived from the Nodal NT RRO/Nodal Officer DEOC Chamba |                                   |
| 4                                | Total 13 persons are injured, 03 major injured, 10 minor injured,  | 11:30 AM           | Chamera 2 Dam control Room                              | Rescue operation is going on.     |
| 5                                | All rescue team reached at the Staging area Police Ground Chamba. For the briefing under the chairmanship of Worthy Deputy Commissioner Chamba held at 12:15 to 12:36 PM.                        | 12:15 to 12:36 PM. |   |                                   |
| 6                                | Out of 13 injured persons 3 injured persons are hospitalized and 10 persons are minor injured sent to their home.  | 12:45 PM           | Chamera 2 Dam control Room                              | Rescue operation is closed.       |
|                                  |  |                    |   |                                   |
|                                  | <b>Summary= Landslide and Total 13 persons injured, 3 are sent to hospital and 10 are sent back to home.</b>   |                    |   |                                   |



### Incident Site 2-Saal Khad

| <i>Sr. No.</i> | <i>Information</i>   | <i>Time</i>        | <i>received from</i> | <i>Action Taken</i>   |
|----------------|--|--------------------|----------------------|---|
| 1              | Information received from the Mike-3 that bridge Collapsed at Saal Khad.   | 10:42 AM           | Mike-3 at Saal Khad  | Team reached at spot. Rescue Start.   |
| 2              | 03 Male persons are minor injured, and sent to Ayurveda Hospital through Ambulance   | 11:16 AM           | Mike-3 at Saal Khad  | Rescue process is going on.   |
| 3              | Information received from Ayurveda at Baloo Hospital that out of 03, 01 person seriously injured and need to Air Lift to PGI Chandigarh  | 11:52 AM           | Worthy ADM Chamba    | Communication is not with the SEOC due to ISAT of the Shimla is not working and therefore email send by the VSAT Police team to the Shimla. |
| 4              | Information received from Ayurveda at Baloo Hospital that out of 03, 01 person seriously injured and need to Air Lift to PGI Chandigarh  | 11:52 AM           | Worthy ADM Chamba    | Communication is not with the SEOC due to ISAT of the Shimla is not working and therefore email send by the VSAT Police team to the Shimla. |
| 5              | RSAT/VSAT network are busy, 01 urgent message regarding requisition of Heli Taxi through VSAT email sent to SEOC Shimla for providing Helicopter facility for the Airlift the 01 seriously injured person at Baloo Hospital Chamba | 11:40PM            |                      | Action taken by DEOC Chamba   |
| 6              | Requisition sent from DEOC VSAT email to SEOC VSAT   | 12:25PM            |                      | Requisition form is sent through DEOC VSAT email for requisition of Heli Taxi Service for further necessary action.                         |
| 7              | <b>Rescue operation is closed.</b>   | 11:20 AM           | Mike-3 at Saal Khad  | Team return back to the Staging Area.   |
| 8              | All rescue team reached at the Staging area Police Ground Chamba. For the briefing under the chairmanship of Worthy Deputy Commissioner Chamba held at 12:15 to 12:36 PM.  | 12:15 to 12:36 PM. |                      | <b>Rescue operation is closed.</b>  |
|                | <b>Summary= Bridge Collapsed and 3 Male persons minor injured</b>  |                    |                      |   |

### Incident Site 3-Bhuri Singh Museum

| <i>Sr. No.</i> | <i>Information</i>  | <i>Time</i>        | <i>received from</i>       | <i>Action Taken</i>                            |
|----------------|---|--------------------|----------------------------|--|
| 1              | Information received from Mike-01 Staging area that Fire emergency reported at the Bhuri Singh Museum Chamba  | 10:16 AM           | Mike-01 Staging area       | Rescue team rushed for the incident spot area. |
| 2              | Team reached at spot  | 10:46AM            | Mike-01 Staging area       | Rescue started at the incident site.           |
| 3              | 02 female Injured and hospitalized, 04 people are safely rescued, 02 Male reported death and are sent to hospital for mortuary. Fire is under control now.                | 11:00 AM           | Mike 04 Bhuri Singh Museum | Fire is under control now                      |
| 4              | <b>Rescue operation is closed</b>   | 11:14 AM           | Mike 04 Bhuri Singh Museum |  |
| 5              | All rescue team reached at the Staging area Police Ground Chamba. For the briefing under the chairmanship of Worthy Deputy Commissioner Chamba held at 12:15 to 12:36 PM. | 12:15 to 12:36 PM. |                            | <b>Rescue operation is closed.</b>             |
|                |   |                    |                            |  |
|                | <b>Summary= Fire Emergency Reported, 04 person rescued, 02 person are reported died and 02 are safely rescued.</b>  |                    |                            |  |

### Incident Site 4-Poltechnic College Chamba

| <i>Sr. No.</i> | <i>Information</i>  | <i>Time</i>        | <i>received from</i>                | <i>Action Taken</i>   |
|----------------|---|--------------------|-------------------------------------|---|
| 1              | Information received from Mike-01 Staging area that a building collapsed/damaged at Poly technical College at Sarol. Rescue delay due to landslide on the way of the incident site. | 10:08 AM           | Mike-01 Staging area                | Rescue team informed at 10:12 AM and rescue team on the way.                        |
| 2              | Information received from Mike-05   | 10:36 AM           | Mike-05 at Poly. Tech College Sarol | Rescue Team reached at Poly technical College at Sarol. Evacuation process started. |
| 3              | Information received from Mike-05 at Poly. Tech College Sarol the 11 persons are rescued 03 person are injured and hospitalised, 08 are safe.                                       | 11:05 AM           | Mike-05 at Poly. Tech College Sarol | Rescue is on process.   |
| 4              |   | 11:05 AM           |                                     | <b>Rescue operation is closed.</b>  |
| 5              | All rescue team reached at the Staging area Police Ground Chamba. For the briefing under the chairmanship of Worthy Deputy Commissioner Chamba held at 12:15 to 12:36 PM.           | 12:15 to 12:36 PM. |                                     | <b>Rescue operation is closed.</b>  |
|                |   |                    |                                     |   |
|                | <b>Summary= 2 persons (Male) died and 2 persons (female) injured due to Fire due by Short circuit</b>   |                    |                                     |   |

### Incident Site 5-Sub Division Bhattiyat

| <i>Sr. No.</i>   | <i>Information</i>  | <i>Time</i>        | <i>received from</i>   | <i>Action Taken</i>   |
|--|---|--------------------|------------------------|---|
| 1  | Information received from CHC Chowari Building collapsed. 12-13 person trapped inside building.   | 9:45 AM            | CHC Chowari            | Rescue team informed 9:47 AM.   |
| 2  | 05 Person rescued.  | 9:55 AM            | Police Station Chowari |   |
|  | Male 03 Female-02 are Major injured.  |                    |                        |   |
| 3  | 01 Person more found Major injured  | 10:10 AM           | Police Station Chowari | All the 06 injured person are rescued and shifted to the building the beside the hospital |
| 4  | 02 Male person reported dead due to internal injury. Rest 04 persons are in temporary hospital rest house Chowari.  | 10:20 AM           |                        |   |
| 5  | Water and electricity service restored  | 10:38 AM           | Police Station Chowari | <b>Rescue operation is closed</b>   |
| 6  | All rescue team reached at the Staging area Police Ground Chamba. For the briefing under the chairmanship of Worthy Deputy Commissioner Chamba held at 12:15 to 12:36 PM. | 12:15 to 12:36 PM. |                        | <b>Rescue operation is closed</b>   |
|  |   |                    |                        |   |
| <b>Summary= 2 Persons(Male) are Died 4 persons are Major injured(3 Male, 1 Female)</b> |   |                    |                        |   |



### Incident Site 6-Sub Division Salooni

| <i>Sr. No.</i> | <i>Information</i>  | <i>Time</i>        | <i>received from</i>     | <i>Action Taken</i>                             |
|----------------|---|--------------------|--------------------------|---|
| 1              | Information received from ISAT Salooni, a earthquake has been reported in market area in Salooni. IRS team is informed about the incident.                                | 9:47 AM            | ISAT Salooni             | IRS team informed about the incident at 9:48 AM |
| 2              | 07 persons are injured Male-01, Female-06   | 11:40 AM           | Control Room DPCR Chamba | Rescue process is going on                      |
| 3              | all rescued persons are in good conditions  | 11:42 AM           |                          | Rescue closed                                   |
| 4              | All rescue team reached at the Staging area Police Ground Chamba. For the briefing under the chairmanship of Worthy Deputy Commissioner Chamba held at 12:15 to 12:36 PM. | 12:15 to 12:36 PM. |                          |   |
|                |   |                    |                          |   |
|                | <b>Summary= 07 persons are injured Male-01, Female-06</b>   |                    |                          |   |

### Incident Site 7-Sub-Division Dalhousie

| <i>Sr. No.</i> | <i>Information</i>  | <i>Time</i>        | <i>received from</i> | <i>Action Taken</i>  |
|----------------|---|--------------------|----------------------|--|
| 1              | Information received from Sadar Thana Chamba that in NHPC EDO office collapsed/damaged at Banikhet  | 9:50 AM            | Sadar Thana Chamba   | Rescue team informed at 9:57 AM and rescue team on the way.                        |
| 2              | Information received from Sadar Thana Chamba.   | 10:29 AM           | Sadar Thana Chamba   | Rescue team reached at Spot. Condition Critical Further reports are still awaited. |
| 3              | 11 person missing   | 10:45 AM           | Sadar Thana Chamba   | Search and rescue operation is going on.   |
| 4              | 04 Injured persons are rescued. And remaining 07 are still missing.   |                    |                      |  |
| 5              | 03 persons are hospitalised rest 08 minor injuries.   | 10:55 AM           | Sadar Thana Chamba   | Rescue Completed   |
| 6              | 05 persons, 01 person is died and 04 person are referred to CHC Banikhet  | 11:15AM            | Sadar Thana Chamba   | <b>Rescue Completed</b>  |
|                | All rescue team reached at the Staging area Police Ground Chamba. For the briefing under the chairmanship of Worthy Deputy Commissioner Chamba held at 12:15 to 12:36 PM. | 12:15 to 12:36 PM. |                      |  |
|                |   |                    |                      |  |
|                | <b>Summary= NHPC EDO Office is collapsed in which 11 persons are injured, 03 persons are major and 08 are minor injured.</b>  |                    |                      |  |

| Incident Site 8-Sub-Division Bharmour |  |                    |                      |   |
|---------------------------------------|--|--------------------|----------------------|---|
| <i>Sr. No.</i>                        | <i>Information</i>   | <i>Time</i>        | <i>received from</i> | <i>Action Taken</i>   |
| 1                                     | Information received from ISAT Police Holi Sr.Sec School Holi is collapsed. They require rescue team.  | 9:30 AM            | ISAT Police Holi     | Informed to the staging area for the rescue team at 9:38 AM. The rescue team reached at 9:47 AM at the incident location. |
| 2                                     | Information received from the Post Post Holi that fire breakout in Govt. School Lab in which 06 persons are strucked in lab 05 student and 01 teahcher   | 11:06 AM           | Police Post Holi     | Rescue team on the way  |
| 3                                     | Information received by the Police Post Holi 17 persons (16 Student, 01 Teacher) are miner injured, First Aid given rescue closed.   | 11:24 AM           | Police Post Holi     | First Aid given rescue closed at 10:25 AM   |
| 4                                     | 05 student and 01 teacher are seriously injured and sent to hospital for medical treatment   | 11:25 AM           | Police Post Holi     | Rescue is going on  |
| 5                                     | All rescue team reached at the Staging area Police Ground Chamba. For the briefing under the chairmanship of Worthy Deputy Commissioner Chamba held at 12:15 to 12:36 PM.  | 12:15 to 12:36 PM. |                      | <b>Rescue Completed</b>   |
|                                       |  |                    |                      |   |
|                                       | <b>Summary= Holi Sr.Sec School Holi is collapsed collapsed in which 17 persons, (16 Student, 01 Teacher) are miner injured. 05 student and 01 teacher are seriously injured and sent to hospital for medical treatment</b> |                    |                      |   |

### Incident Site 9-Sub-Division Pangl

| <i>Sr. No.</i> | <i>Information</i>   | <i>Time</i> | <i>received from</i> | <i>Action Taken</i>                   |
|----------------|--|-------------|----------------------|---------------------------------------|
| 1              | Information received from PRS VSAT Pangl that earthquake happened at 09:30 AM due to which fire incident is happened in Mini secretariat Killar. In this incident 02 Male persons are died,05 Male 04 Female 01 Child seriously injured sent to CHC Hospital Killar,07 minor injured (01 male, 03 female, 03 children) and 14 persons (08 male, 06 female) sent to relief camp. And Total 12 Animals, 05 animal death reported, 07 Minor injured,. |             |                      |                                       |
| 2              | Uru ki Dhank landslide occurred. No loss reported yet.   | 11:55 AM    | PRS VSAT Pangl       | Road is through, Operation is closed. |
|                |  |             |                      |                                       |
|                | <b>Summary= Earthquake in Mini secretariat Killar,and landslide at Uru ki Dhank in which 02 Male persons are died,05 Male 04 Female 01 Child seriously injured sent to CHC Hospital Killar,07 minor injured (01 male, 03 female, 03 children) and 14 persons (08 male, 06 female) sent to relief camp. And Total 12 Animals, 05 animal death reported, 07 Minor injured,.</b>  |             |                      |                                       |



## **Debriefing of the State Level Earthquake Mega Mock Exercise**

**Date:** 6th June, 2025

**Location:** District Chamba, Himachal Pradesh

**Presided by:** Sh. Mukesh Repaswal, IAS, Deputy Commissioner-cum-Responsible Officer, Chamba

A debriefing session was conducted at the conclusion of the State Level Earthquake Mega Mock Exercise held on 6th June, 2025, under the supervision of the Responsible Officer, Sh. Mukesh Repaswal, IAS, Deputy Commissioner, Chamba. The session was attended by all stakeholder departments, Incident Response Teams (IRTs), Search & Rescue teams, and representatives from voluntary organizations. The following key observations, experiences, and suggestions emerged from the debriefing:

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### **Key Observations & Points Discussed:**

- The mega mock exercise simulating an earthquake of 8.0 magnitude was successfully conducted in coordination with Police, Home Guards, Health Department, CISF, Red Cross, Aapda Mitra Volunteers, NCC/NSS Cadets, and other stakeholder departments.
- The communication during the mock exercise using **VHF Sets and Satellite Phones** was satisfactory and reflected real-life post-earthquake communication challenges when conventional networks fail.
- The use of **drones** for situational surveillance and damage assessment at various locations proved effective and timely.
- It was emphasized that **all members of the DEOC, IRTs, and key field officers** must undergo practical training in handling **alternate communication systems** such as VHF and HAM Radios, especially relevant during earthquakes.
- Importance was laid on **community-level disaster education** to build a culture of preparedness and resilience. Public awareness campaigns must be intensified under the Information, Education, and Communication (IEC) activities of DDMA.
- Local NGOs, NYK, and trained volunteers must be further involved as **first responders**, especially in remote and hard-to-reach areas vulnerable to seismic activities.
- The need for **frequent scenario-based mock drills** (including earthquake & fire) was reiterated to keep teams agile and coordinated.
- Observations were shared that **medical preparedness** still requires strengthening—both in terms of rapid deployment and inventory of emergency health kits.
- All departments were instructed to take note of the **gaps and shortcomings observed** during the drill and to ensure these are addressed through action plans and capacity-building initiatives.

### **Experience Gained from the Exercise:**

- Valuable experience was gained in the **real-time deployment and management of available resources** during an earthquake simulation.
  - A significant improvement was noticed in **inter-departmental coordination and response time**.
  - The **Incident Response System (IRS)** structure was tested effectively, providing clear understanding to all nodal officers about their designated roles and responsibilities.
  - Teams received hands-on insight into **emergency response protocols**, strengthening their ability to respond better to actual earthquake disasters in the future.
- 

### **Suggestions for Future Preparedness:**


- Mapping, updating, and maintaining a **district-level resource inventory** on a regular basis is essential.
- Training in **wireless operations and alternate communication tools** should be made **mandatory for all government functionaries**.
- **IRS formats** must be simplified and translated into **user-friendly Hindi versions** to ensure ease of understanding and implementation at the field level.
- It is suggested that such **mock exercises be conducted bi-annually** to maintain preparedness and ensure response teams remain well-practiced.
- Regular **capacity-building sessions on IRS** should be organized for district and sub-divisional level officers.
- Focused improvement is needed in the **logistics and operations sections** at incident sites, especially for quick deployment of essential supplies.
- Provisioning of **basic search & rescue equipment at the Gram Panchayat level** is necessary to address local emergencies before specialized teams arrive.

### **CONCLUSION**

The State Level Mock Exercise was a significant step toward strengthening disaster preparedness and enhancing inter-agency coordination. The experience will aid in refining SOPs, improving readiness, and boosting confidence among all stakeholders.

# Report

The 9th Edition of The  
Mega Mock Exercise  
Organized  
On 06/06/2024



District Disaster Management Authority, Hamirpur

## District Disaster Management Authority, Hamirpur





# District Disaster Management Authority, Hamirpur

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# District Disaster Management Authority, Hamirpur

## Introduction

Himachal Pradesh is highly prone to a range of natural and man-made hazards, including landslides, floods, flash floods, structural and residential fires, forest fires, and avalanches. Among these, the state is particularly vulnerable to earthquake hazards due to its location in seismic zones IV and V. Recognizing the critical need for disaster preparedness and response, the Himachal Pradesh State Disaster Management Authority (HPSDMA), in collaboration with the National Disaster Management Authority (NDMA) and respective District Disaster Management Authorities (DDMAs), conducts a State-Level Mega Mock Exercise every year. These exercises focus on different types of disasters, with the aim of strengthening inter-agency coordination, enhancing community awareness, and evaluating the efficiency of response mechanisms.

For the current year, the Mega Mock Exercise was centred on earthquake disaster preparedness. In the lead-up to the exercise, a series of preparatory activities were meticulously planned and executed. At the state level, the HPSDMA organized coordination meetings, planning workshops and awareness campaigns. Concurrently, at the district level, DDMA Hamirpur undertook several initiatives including the formation and sensitization of Incident Response Teams (IRTs), identification of vulnerable areas and staging locations, mock drill planning meetings etc. These preparatory steps played a crucial role in ensuring the successful execution of the mock exercise and contributed to a more resilient disaster management framework across the state.

## Coordination Meetings and Workshops

### Coordination Meeting by HPSDMA:-

In preparation for the State-Level Mega Mock Exercise on earthquake disaster, the Himachal Pradesh State Disaster Management Authority (HPSDMA) convened a comprehensive coordination meeting at the State level on 27th May 2025. This

## District Disaster Management Authority, Hamirpur

meeting brought together all key stakeholders, including District Authorities and line departments, who participated through video conferencing from the NIC halls of their respective districts. The meeting aimed to ensure uniform understanding of the objectives, methodology and responsibilities associated with the mock exercise. The District Disaster Management Authority (DDMA), Hamirpur, along with representatives from all relevant stakeholder departments, actively took part in the discussions. Detailed deliberations were held regarding logistics, resource mobilization, communication protocols and inter-agency coordination required for the effective conduct of the mock exercise.

### District Level Coordination Meeting:-

To further reinforce preparedness at the local level, the DDMA Hamirpur organized a district-level coordination meeting on 28th May 2025, chaired by the Deputy Commissioner, Hamirpur, who is also the Chairperson of DDMA. The meeting brought together all concerned departments, emergency services and response agencies operating within the district. During the meeting, the Deputy Commissioner emphasized the importance of proactive planning, timely communication, and clearly defined roles and responsibilities. Necessary directions were issued to all departments regarding their specific tasks, staging area readiness, resource deployment, public awareness activities and coordination mechanisms. This district-level initiative was instrumental in laying a strong foundation for the successful execution of the mock exercise and enhancing the overall disaster readiness of the district.

### Communication Mock Drill: -

It was decided at the level of the Himachal Pradesh State Disaster Management Authority (HPSDMA) that during the State-Level Mock Exercise, all communication would be conducted exclusively through alternative communication systems, namely VHF sets, I-SAT, and V-SAT. The use of mobile phones and landline

## District Disaster Management Authority, Hamirpur

telecommunication was to be completely restricted in order to simulate a real-time communication blackout scenario and test the operational readiness of these alternate systems.

In this context, a dedicated State-Level Communication Mock Exercise was scheduled and conducted on 2nd June 2025. The District Disaster Management Authority (DDMA), Hamirpur actively participated in the exercise and ensured the effective functioning of all designated alternate communication channels. The exercise helped assess the preparedness of the district in maintaining uninterrupted communication during emergencies when conventional networks may fail.

### Table Top Exercise:-

A Table-Top Exercise (TTX) on the execution of the upcoming State-Level Mega Mock Exercise was conducted by the Himachal Pradesh State Disaster Management Authority (HPSDMA) on 3rd June 2025. The exercise was attended by officials from all districts through video conferencing.

The objective of the Table-Top Exercise was to simulate various emergency scenarios and evaluate the readiness and response mechanisms of different stakeholders under the Incident Response System (IRS) framework. During the session, a detailed discussion was held on the practical aspects of IRS implementation, including activation of Incident Response Teams (IRTs), command structure, resource mobilization, inter-agency coordination, communication protocols, and response timelines.

District authorities were guided on how to efficiently manage roles and responsibilities, set up Incident Command Posts (ICPs) and maintain real-time coordination among departments during the mock exercise. The Table-Top Exercise served as a crucial preparatory step to identify gaps, streamline actions and ensure that all districts were uniformly aligned with the objectives and procedures of the upcoming Mega Mock Exercise.



## District Disaster Management Authority, Hamirpur

### District Level Coordination Meeting:-

The District Disaster Management Authority (DDMA), Hamirpur convened a coordination meeting with all Sub-Divisional Magistrates (SDMs) and officers from various line departments operating at the district level. The primary objective of the meeting was to review preparedness measures and ensure effective planning and coordination for the upcoming State-Level Mega Mock Exercise.

During the meeting, the roles and responsibilities of each department were clearly outlined in accordance with the Incident Response System (IRS) framework. Emphasis was laid on inter-departmental coordination, resource allocation, deployment of Incident Response Teams (IRTs), identification of staging areas, and communication protocols. It was decided that all communication will be held through the VHF sets of the police department and I-SAT of DC, Office Hamirpur.

### Physical conduct of the Mega Mock Exercise:-

The physical Mega Mock Exercise was successfully conducted on 6th June 2025 across all Sub-Divisions of District Hamirpur as part of the State-Level preparedness initiative on earthquake disaster. To simulate realistic emergency scenarios, two strategic sites were identified in each Sub-Division, representing different types of vulnerability (such as schools, government buildings, public spaces, or high-risk zones).

During the exercise, Incident Response Teams (IRTs) at both the district and sub-divisional levels were promptly activated as per the Incident Response System (IRS) protocol. All designated roles—such as Incident Commander, Operations Section Chief, Planning Section Chief, and Logistics Section Chief—were assigned and functioned as planned.

## District Disaster Management Authority, Hamirpur

### Incident sites

| S. No | Sub Division | Name of Site  | Longitude  | Latitude   | Site In charge Designation |
|-------|--------------|---|------------|------------|----------------------------|
| 1     | Hamirpur     | Bus Stand Hamirpur                                  | 76.521057  | 31.686518  | Tehsildar Tauni Devi       |
| 2     | Hamirpur     | RKGMC Hospital Hamirpur                             | 76.526276  | 31.680954  | Naib Tehsildar Hamirpur    |
| 3     | Sujanpur     | Mini Secretariat Office Sujanpur                    | 76.50 E    | 31.83 N    | CDPO Sujanpur              |
| 4     | Sujanpur     | Jol Plahi   | 76.50 E    | 32.11 N    | BDO Sujanpur               |
| 5     | Nadaun       | Yashpal Sahitaya Sanskriti Sadan Nadaun             | 76.344460  | 31.778503  | Naib Tehsildar Nadaun      |
| 6     | Nadaun       | Village Kohla                                       | 76.34292   | 31.75248   | Naib Tehsildar Kangoo      |
| 7     | Barsar       | Shastri Nagar Chakmoh)                              | 76.549112  | 31.482482  | Naib Tehsildar             |
| 8     | Barsar       | Baba Balak Nath temple Deotsidh (Taxi Stand Ground) | 76.538128  | 31.453351  | Naib Tehsildar Dhatwal     |
| 9     | Bhoranj      | GSSS Mundkhar                                       | 76.6427092 | 31.6429595 | Naib Tehsildar Jahu        |
| 10    | Bhoranj      | GSSS Badhani  | 74.0900    | 33.1100    | Naib Tehsildar Bhoranj     |

### List of the Staging Areas

| Sub Division    | Staging Area (Name of Location) | Longitude | Latitude  | Designation of Staging Area Manager | Name of Staging Area Manager | Contact Details of Staging Area Manager |
|-----------------|---------------------------------|-----------|-----------|-------------------------------------|------------------------------|---|
| <b>Hamirpur</b> | Polytechnic Ground Baru         | 76.538614 | 31.679592 | Tehsildar HAMIRPUR                  | Subhash Kumar                | 7018517140                              |
| <b>Sujanpur</b> | Govt. Sen. Sec. School Sujanpur | 76.498718 | 31.832886 | Naib Tehsildar Sujanpur             | Mr. D.V. Kapil               | 8091195077                              |
| <b>Nadaun</b>   | Mini Secretariat Nadaun         | 76.343555 | 31.778281 | Tehsildar Nadaun                    | Sh. Rohit Kanwar             | 7807859809                              |
| <b>Barsar</b>   | BBN Degree PG College Chakmoh   | 76.545208 | 31.468730 | Tehsildar Dhatwal                   | Sh. Sandeep Chandel          | 7018221466                              |
| <b>Bhoranj</b>  | Mini Secretariat Bhoranj        | 76.645358 | 31.647155 | Tehsildar Bhoranj                   | Dr. Ashish Sharma            | 8826812446                              |

[Type here]

# District Disaster Management Authority, Hamirpur

## Detail of Incidents

The GIS based scenarios were prepared for each incident by DDMA, Hamirpur for the mock exercise. The detailed scenarios are as under:-

## COLLAPSE OF BUS STAND HAMIRPUR

### Details of the Incident

- Earthquake 8.0 resulted in complete collapse of the Bus Stand, Hamirpur.
- Around 300 travelers and others are reported to be trapped in the debris.
- Transportation is also affected which has also impacted the Search and Rescue Operations.
- There is urgent requirement for the evacuation of victims and shifting them for the medical aid.

### Immediate Challenges and Action Required

- Initial Search and Rescue of trapped victims by Police, Home Guards, fire departments, local volunteers and NGOs.
- Restoration of transport facilities.
- Shifting of Patients to the Medical Facilities
- Coordination with NDRF, SDRF, Army units and Surrounding States for additional support



## SITE-1 BUS STAND HAMIRPUR



[Type here]

# COLLAPSE OF ONE SECTION OF RKGMC HOSPITAL

## Details of the Incident

- Earthquake 8.0 resulted in damage to one section of the RKGMC, Hospital.
- There is urgent requirement for the evacuation of patients admitted in the hospital and staff.
- Being the major Health Facility in the district, severe impact on the emergency health services has been reported

## Immediate Challenges and Action Required

- Initial Search and Rescue of trapped victims by Police, Home Guards, fire departments, local volunteers and NGOs
- Expansion of the surge capacity of the hospital to provide treatment to the serious victims of the earthquake.
- Coordination with NDRF, SDRF, Army units and Surrounding States for additional support



## SITE-2 DR. RKGMC HOSPITAL HAMIRPUR





# COLLAPSE OF THE MINI SECRETARIAT BUILDING SUJANPUR

## Details of the Incident

- Earthquake 8.0 resulted in collapse of the Mini Secretariat Building, Sujanpur.
- Due to the collapse some of the employees have been buried in the debris and several vehicles parked in the building have been damaged. Number of the affected persons may raise to 300.
- Urgent requirement to carry out search and rescue operation.
- Being the critical infrastructure the inter agency coordination for carrying out the rescue operations has been impacted.

## Immediate Challenges and Action Required

- Initial Search and Rescue of trapped victims by Police, Home Guards, fire departments, local volunteers and NGOs.
- Shifting of Patients to the Medical Facilities
- Coordination with NDRF, SDRF, Army units and Surrounding States for additional support



## SITE-3 MINI SECRETARIAT BUILDING SUJANPUR



# EVACUATION OF VILLAGE JOL PLAHI

## Details of the Incident

- Earthquake 8.0 resulted in collapse of Pandoh Dam.
- Village Jol Plahi has to be evacuated immediately due to the probability of flooding.
- Evacuation has to be carried out.
- Around 400 people are affected.
- Relief camps and cattle camps are to be setup

## Immediate Challenges and Action Required

- Evacuation of villagers is required on urgent basis.
- Coordinated operation is required by Police, Home Guards, Civil Defence, Volunteers, PRIs, CBOs , NGOs.
- Relief Camp has to be established and all necessary services are to be ensured in the relief camp.



## SITE-4 EVACUATION OF VILLAGE JOL PLAHI



## FIRE INCIDENT AT YASHPAL SAHITYA SANSKRITI SADAN NADAUN

### Details of the Incident

- Earthquake 8.0 resulted in a fire incident in Yashpal Sahitya Sanskriti Sadan Nadaun
- 30 to 40 Students and staff are trapped and required to be evacuated.
- Urgent requirement to put off fire and rescue the students and staff.

### Immediate Challenges and Action Required

- Search and Rescue of trapped victims by Fire, Police, Home Guard departments, local volunteers and NGOs.
- Additional Fire tenders may be required from surrounding Fire Stations.
- Shifting of Patients to the Medical Facilities.



## SITE-5 FIRE INCIDENT AT YASHPAL SAHITYA SANSKRITI SADAN NADAUN





## EVACUATION OF VILLAGE KOHLA

### Details of the Incident

- Earthquake 8.0 resulted in collapse of Pandoh Dam.
- Village Kohla in Sub Division Nadaun has to be evacuated immediately due to the probability of flooding.
- Evacuation has to be carried out.
- Around 450 people are affected.
- Relief camps and cattle camps are to be setup.

### Immediate Challenges and Action Required

- Evacuation of villagers is required on urgent basis.
- Coordinated operation is required by Police, Home Guards, Civil Defence, Volunteers, PRIs, CBOs , NGOs.
- Relief Camp has to be established and all necessary services are to be ensured in the relief camp.



## SITE-6 EVACUATION OF VILLAGE KOHLA





## COLLAPSE OF COLLEGE BUILDING AT SHASHTRI NAGAR, CHAKMOH

### Details of the Incident

- Earthquake 8.0 resulted in collapse of the College Building at Shashtri Nagar, Chakmoh in Sub Division, Barsar.
- Due to the collapse many students and staff have been buried in the debris and the toll of affected persons may raise to 450.
- There is urgent requirement to carry out search and rescue operation.

### Immediate Challenges and Action Required

- Initial Search and Rescue of trapped victims by Police, Home Guards, fire departments, local volunteers and NGOs.
- Shifting of Patients to the Medical Facilities
- Coordination with NDRF, SDRF, Army units and Surrounding States for additional support.
- Movement of Heavy Equipment's for debris removal.



## SITE-7 COLLAPSE OF COLLEGE BUILDING AT SHASHTRI NAGAR, CHAKMOH



## LANDSLIDE NEAR THE PARKING OF SHRI BABA BALAKNATH TEMPLE

### Details of the Incident

- Earthquake 8.0 resulted in landslide near the taxi stand of Shri Baba Balaknath Temple.
- Vehicles of some of pilgrims have been buried under the debris.
- Toll of victims may raise up to 50 to 100.
- Search and Rescue and medical aid is required urgently.

### Immediate Challenges and Action Required

- Initial Search and Rescue of trapped victims by Police, Home Guards, fire, HPPWD, departments, local volunteers and NGOs.
- Shifting of Patients to the Medical Facilities
- Coordination with NDRF, SDRF, Army units.
- Requirement of Heavy Equipment's for debris removal.

## SITE-8 LANDSLIDE NEAR THE PARKING OF SHRI BABA BALAKNATH TEMPLE



## BUILDING COLLAPSE OF GSSS MANDKHAR

### Details of the Incident

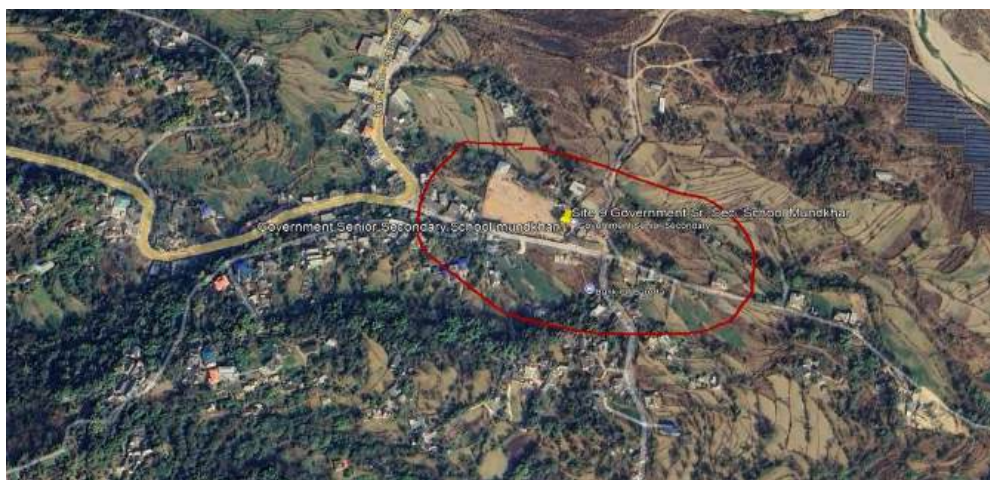
- Earthquake 8.0 resulted in collapse of the College Building at building of GSSS, Mandkhar.
- Due to the collapse many students and staff have been buried in the debris Number of the affected persons may raise to 800.
- There is urgent requirement to carry out search and rescue operation.

### Immediate Challenges and Action Required

- Initial Search and Rescue of trapped victims by Police, Home Guards, fire departments, local volunteers and NGOs.
- Shifting of Patients to the Medical Facilities
- Coordination with NDRF, SDRF, Army units etc.
- Movement of Heavy Equipment's for debris removal.



## SITE-9 BUILDING COLLAPSE OF GSSS MANDKHAR





## FIRE IN THE SCHOOL BUILDING OF GSSS, BADHANI

### Details of the Incident

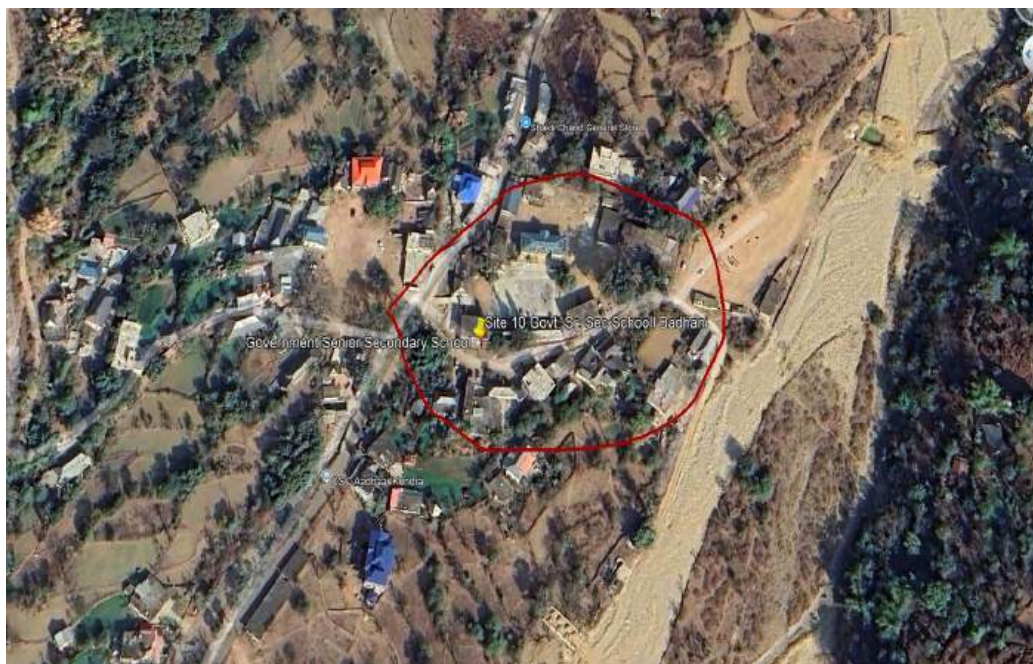
- Earthquake 8.0 resulted in a fire incident in the School Building of GSSS, Badhani
- Around 650 Students and staff are trapped and required to be evacuated.
- Urgent requirement to put off fire and rescue the students and staff

### Immediate Challenges and Action Required

- Search and Rescue of trapped victims by Fire, Police, Home Guards departments, local volunteers and NGOs.
- Additional Fire tenders may be required from surrounding Fire Stations.
- Shifting of Patients to the Medical Facilities



## SITE-10 FIRE IN THE SCHOOL BUILDING OF GSSS, BADHANI





# District Disaster Management Authority, Hamirpur

## Initial Deployment of Resources for response

### INITIAL DEPLOYMENT

| Sub Division | Police | Home Guards | Fire | Ambulances   |  |
|--------------|--------|-------------|------|--------------|--|
|              |        |             |      | Govt and 108 | Other                                    |
| Hamirpur     | 63     | 84          | 17   | 2            | 41 other In surrounding affected regions |
| Sujanpur     | 50     | 66          | 4    | 1            |  |
| Bhoranj      | 18     | 68          | 5    | 1            |  |
| Nadaun       | 35     | 68          | 6    | 1            |  |
| Barsar       | 44     | 66          | 7    | 1            |  |



### ACTIVE HEALTH INFRASTRUCTURE

| Health Resources                    | Type of Available Health Facilities | Available Beds | Surge Capacity | No of Doctors        | Paramedics |
|-------------------------------------|-------------------------------------|----------------|----------------|----------------------|------------|
| 1                                   | Government                          | 633            | 804            | 236                  | 760        |
| 2                                   | Private                             | 320            | -              | -                    | -          |
| 3                                   | Ayurvedic                           | 100            | 130            | 15                   | 47         |
| Ambulances                          |                                     |                |                |                      |            |
| Available with Government Hospitals |                                     | 108 Ambulances |                | Other Pvt Ambulances |            |
| 6                                   |                                     | 6              |                | 41                   |            |



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## District Disaster Management Authority, Hamirpur

### ADDITIONAL RESOURCE REQUIREMENT

| Name of Resource                            | Type of Resource        | Number Required                   | Request sent to   | Remarks  |
|---|-------------------------|-----------------------------------|---|--|
| Tents                                       | 6 Men                   | 1000                              | NDRF 14Bn, Khadi Board, DIC and Local Vendors                                   | 200 in each Sub Division for the setup of Relief Camps in Open Area            |
| Water Supply                                | Water Tanker            | 160                               | Local Vendors and Surrounding Districts of Punjab                               | 15 ltr. water per person per day for 40000 persons at initial stage            |
| SAR Teams                                   | SAR Teams               | 1000 experts with SAR equipment's | NDRF, SDRF, 21, Sub Area Pathankot, SSB Sapri                                   | 200 rescuers required for each Sub Division                                    |
| Emergency Evacuation for Health Emergencies | Air and Road Evacuation | Chopper minimum 1, Ambulances 50  | Indian Air Force, 21 Sub Area and District Administration of surrounding States | Serious injured will need to be evacuated to Super Specialty Health Facilities |



| Name of Resource | Type of Resource                                | Number Required  | Request sent to  | Remarks  |
|------------------|---|--|--|--|
| Portable lights  | Portable Lights with Generator                  | 200  | Local Vender, Khadi Board, DIC and District Administration of surrounding States | 40 Per Sub Division required for set Up of Relief Camps and to carry out SAR 24x7        |
| Food             | Ration for Relief Camps and affected population | Three times food for 6000 persons at relief camp and other affected population | Surrounding States of Punjab and Haryana, NGOs and private donations             | Rashan required for affected population  |
| Toilets          | Portable  | 300 at the initial stage for relief camps                                      | Suppliers in Punjab Haryana  | Required at relief camps   |
| Wood             | Dry Wood  | 5240 quintal wood for 13,100 dead bodies                                       | Forest Department  | Approximately <b>4 quintals of wood are required for the cremation of one dead body.</b> |

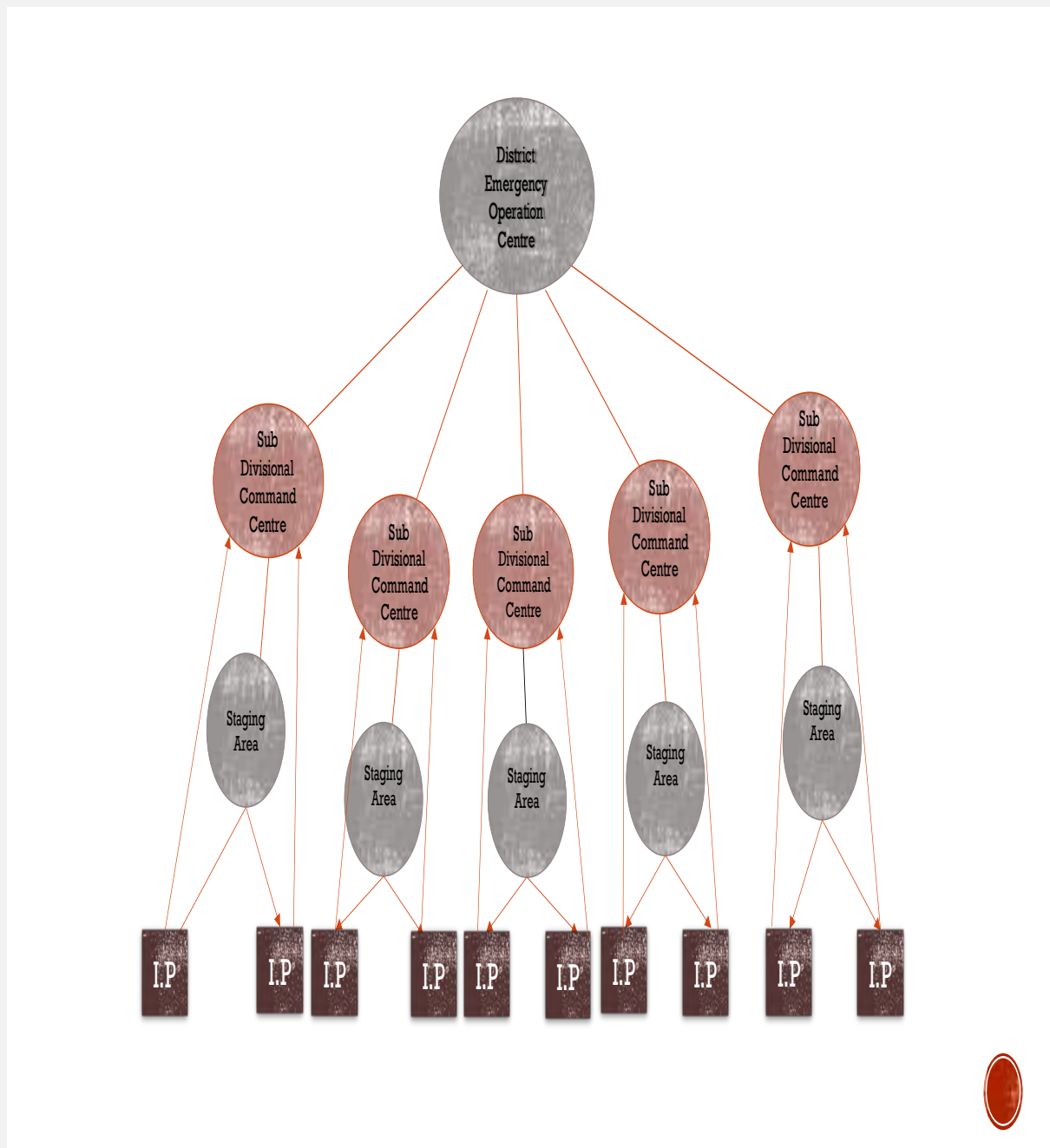


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# District Disaster Management Authority, Hamirpur

## Communication Web:-

All communication was held through the VHF network of the district police. The communication network was pre decided and organized as under: -



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## District Disaster Management Authority, Hamirpur

### Deployment of Observers:-

Observers were deployed from the 14th Battalion of the National Disaster Response Force (NDRF) and the District Police. The deployment of observers was as follows:

## OBSERVER'S DETAILS

| S.No | Sub Division | Name of Observer                  | Designation                | Contact Number            |
|------|--------------|-----------------------------------|----------------------------|---------------------------|
| 1.   | Hamirpur     | Insp Mahendar Manohar, NDRF, 14BN | Inspector, DRF, 14Bn       | 81014-37494               |
| 2.   | Sujanpur     | Inspector Kulwant Singh           | Inspector, District Police | 9418536768,<br>8219663182 |
| 3.   | Nadaun       | SI. Ankush, NDRF, 14Bn            | SI, NDRF, 14Bn             | 93407-24097               |
| 4.   | Bhoranj      | HC Komal Rajput, NDRF, 14 Bn      | Head Constable, NDRF, 14Bn | 95792-47194               |
| 5.   | Barsar       | HC Manmohan, NDRF, 14Bn           | Head Constable, NDRF, 14Bn | 91495-76253               |





# District Disaster Management Authority, Hamirpur

## Positive Points:-

### **Effective Use of VHF Network:**

All communication during the mock exercise was successfully conducted through the VHF network operated by the District Police. The system functioned efficiently without any technical issues, demonstrating its reliability in emergency scenarios.

### **Good Inter-Departmental Coordination:**

There was effective coordination among all stakeholder departments at the ground level. Departments worked in close collaboration, ensuring smooth execution of the planned activities during the mock drill.

### **Active Participation of Volunteers:**

Volunteers from the National Cadet Corps (NCC) and Civil Defence played an active and commendable role in the exercise. Their timely response and disciplined approach significantly contributed to the overall success of the mock drill.

## Areas for Improvement:

### **Integration of HAM Radio as an Alternate Communication Channel:**

During disasters, HAM radio can serve as a dependable alternative for communication, especially in scenarios where other systems fail. Although training for HAM radio operation has already been conducted, there is a pressing need to procure HAM radio equipment to operationalize this capability.

### **Preparedness for Earthquake-Induced Displacement:**

In the event of an earthquake, there will be an urgent requirement to establish relief camps in open areas. Considering the district's population size, an initial stock of approximately 1,000 six-person tents will be necessary. These tents should be procured in advance to ensure immediate deployment when required.

### **Regular Training on Incident Response System (IRS):**

To enhance the effective implementation of the Incident Response System, it is essential to conduct regular refresher trainings for all stakeholder departments. This will help ensure better understanding, coordination, and execution of roles during real emergencies.

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## District Disaster Management Authority, Hamirpur

### Pictures of the 9<sup>th</sup> edition of the Mega Mock Exercise



**District Level Coordination Meeting with Stakeholder Departments**



**Coordination Meeting with Sub Divisions through Video Conference**



## District Disaster Management Authority, Hamirpur

### Glimpses of Physical Conduct of Mock Exercise



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## District Disaster Management Authority, Hamirpur



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## District Disaster Management Authority, Hamirpur



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## District Disaster Management Authority, Hamirpur



## District Emergency Operation Centre Hamirpur



## Communication Mock Exercise

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# 6 जून को होगी भूकंप पर आधारित मैगा मॉक एक्सरसाइज

■ 3 जून को टेबल टॉप एक्सरसाइज के दौरान तय की जाएगी एक्सरसाइज की रूपरेखा ■ एसडीएम ने एनडीएम के सहयोग से वर्चुअल माध्यम से आयोजित की कार्यशाला

**हमिरपुर, 27 जून :** भूकंप जोखिम को कम करने के लिए जिले के सभी विभागों को जोड़ने के लिए 6 जून को आयोजित की जाने वाली टेबल टॉप एक्सरसाइज के दौरान तय की जाएगी एक्सरसाइज की रूपरेखा। एसडीएम ने एनडीएम के सहयोग से वर्चुअल माध्यम से आयोजित की कार्यशाला में जिले के सभी विभागों के अधिकारियों को शामिल किया।



संयुक्त बैठक में जिले के सभी विभागों के अधिकारियों को शामिल किया। एसडीएम ने एनडीएम के सहयोग से वर्चुअल माध्यम से आयोजित की कार्यशाला में जिले के सभी विभागों के अधिकारियों को शामिल किया।

जिले के सभी विभागों के अधिकारियों को शामिल किया। एसडीएम ने एनडीएम के सहयोग से वर्चुअल माध्यम से आयोजित की कार्यशाला में जिले के सभी विभागों के अधिकारियों को शामिल किया।

## मॉक ड्रिल...भूकंप का सायरन बजते ही जिले में सक्रिय हुआ आईआरएस

जिलेभर में सुबह 9:15 बजे से 10 स्थानों पर चलाया गया सर्च एंड रेस्क्यू ऑपरेशन

संवाद न्यूज एजेंसी

हमिरपुर। राज्य आपदा प्रबंधन प्राधिकरण (एसडीएमए) द्वारा शुक्रवार को राष्ट्रीय आपदा प्रबंधन प्राधिकरण (एनडीएमए) के तकनीकी सहयोग से आयोजित नवीन प्रदेशव्यापी मैगा मॉक एक्सरसाइज के तहत जिला हमिरपुर में भी बचाव एवं राहत कार्यों का अभ्यास किया गया।

मॉक एक्सरसाइज के लिए निर्धारित परिदृश्य के अनुसार शुक्रवार सुबह लगभग 9:15 बजे जिला में रिकटर पैमाने पर 8.0 की तीव्रता वाले भूकंप के परिदृश्य का अलर्ट जारी किया गया। भूकंप का सायरन बजते ही जिला में डीडीएमए के माध्यम से ईसीडेंट रिस्पॉन्स सिस्टम (आईआरएस) सक्रिय हो गया और आपदा प्रबंधन से संबंधित सभी अभिहित अधिकारी तुरंत जिला इमरजेंसी ऑपरेशन सेंटर (डीआईसी) में पहुंच गए। यहीं पर जिला स्तरीय कमांड पोस्ट स्थापित की गई।

उपायुक्त एवं डीडीएमए के अध्यक्ष अमरजीत सिंह ने आईआरएस में निर्धारित प्रोटोकॉल के अनुसार अधिकारियों को दिशा-निर्देश जारी किए।

एडीसी एवं मॉक एक्सरसाइज के जिला स्तरीय ईसीडेंट कमांडर अभिहित गर्ग ने विभिन्न टीमों को रवाना करने के निर्देश दिए। इस दौरान एसपी भगत सिंह ठाकुर भी उनके साथ मौजूद रहे।



सुजानपुर में घायल बच्चों को उठाए जाने का अभ्यास

### बस स्टैंड हमिरपुर और दियोटसिद्ध में चला रेस्क्यू

मॉक एक्सरसाइज के लिए निर्धारित किए परिदृश्य के अनुसार हमिरपुर के बस स्टैंड और डी. राधाकृष्णन राजकीय मेडिकल कॉलेज अस्पताल के भवनों के क्षतिग्रस्त होने और इनमें फंसे लोगों को निकालने के लिए रेस्क्यू ऑपरेशन चलाए गए। सुजानपुर में एसडीएम विकास शुक्ला के नेतृत्व में विनी सचिवालय सुजानपुर के भवन में फंसे लोगों को बाहर निकालने और गांव जौल पलाही में ब्यास का जलस्तर बढ़ने पर स्थानीय लोगों को सुरक्षित स्थानों पर पहुंचाने का अभ्यास किया गया। वहीं, नादौन उपमंडल में भी एसडीएम राजेश शर्मा के नेतृत्व में गांव कोडला में ब्यास के किनारे रहने वाले लोगों को सुरक्षित स्थानों पर पहुंचाया गया। बड़सर उपमंडल में डिग्री कॉलेज चक्रमोह के भवन में फंसे विद्यार्थियों और शिक्षकों को सुरक्षित निकालने और बाबा बालक नाथ मंदिर की परिसर में भूस्खलन के परिदृश्य के अनुसार एसडीएम राजेश गौतम के नेतृत्व में बचाव एवं राहत कार्यों को अंजाम दिया गया।

भूकंप में 2193 लोग घायल भोज उपमंडल की राजकीय वरिष्ठ माध्यमिक फाटखाला मुंडखर और बधानी में भी रेस्क्यू ऑपरेशन चलाए गए। वहीं, एसडीएम शशिपाल शर्मा ने इस रेस्क्यू ऑपरेशन का संचालन किया। इस दौरान मुंडखर स्कूल में स्थानीय विधायक सुरेश कुमार ने भी मॉक एक्सरसाइज में भाग लिया। मॉक एक्सरसाइज में दिए गए परिदृश्य के अनुसार लगभग 3739 लोगों को भूकंप से प्रभावित बताया गया। 2193 लोगों को घायल बताया गया, जिनमें से 1324 घायलों को अस्पताल में दाखिल करवाया गया। बड़ी संख्या में लोगों की मौत होने के परिदृश्य के अनुसार भी मॉक एक्सरसाइज की गई।



जौल पलाही में रेस्क्यू में जुटे बचाव कर्मी। स्रोत : जनसंघी रिपोर्ट



मेडिकल कॉलेज में उपचार के लिए लाया गया घायल। स्रोत : किफायत

## 6 जून को भूकंप का अलर्ट जारी होते ही डी.डी.एम.ए. का कंट्रोल रूम तुरंत होगा सक्रिय

डी.सी. ने आपदा प्रबंधन से संबंधित सभी प्रशासनिक और विभागीय अधिकारियों को भी निर्देश दिए कि वे 6 जून को भूकंप जैसी आपदा पर आयोजित होने वाली प्रदेशव्यापी मॉक एक्सरसाइज को गंभीरता से लें और इस संबंध में राज्य आपदा प्रबंधन प्राधिकरण और राष्ट्रीय आपदा

प्रबंधन प्राधिकरण की ओर से जारी सभी दिशा-निर्देशों की अक्षरशः अनुपालना सुनिश्चित करें। उन्होंने बताया कि 6 जून को मॉक एक्सरसाइज के दौरान जिला के सभी उपमंडलों में कम से कम 2-2 स्थानों पर भूकंप और इससे संबंधित अन्य आपदाओं से बचाव एवं राहत कार्यों का अभ्यास

किया जाएगा। उन्होंने बताया कि 3 जून को टेबल टॉप एक्सरसाइज के दौरान मॉक एक्सरसाइज की रूपरेखा को अंतिम रूप दिया जाएगा व 6 जून को भूकंप का अलर्ट जारी होते ही डी.डी.एम.ए. का कंट्रोल रूम तुरंत सक्रिय हो जाएगा।



# अधिकारी अपने-अपने विभागों में संसाधनों का एक्सरसाइज के दौरान करें भरपूर उपयोग

**एस.डी.एम. ने एन.डी.एम.ए. के सहयोग से वरुचल माध्यम से आयोजित कार्यशाला में दिए निर्देश**

हमीरपुर, 27 मई (ब्यूरो): भूकंप जैसी आपदा के दौरान बचाव एवं राहत कार्यों को सुनियोजित और प्रभावी ढंग से अंजाम देने के अभ्यास तथा आपदा प्रबंधन से संबंधित संसाधनों के आकलन के लिए 6 जून को आयोजित की जाने वाली प्रदेशव्यापी मैगा मॉक एक्सरसाइज के तहत जिला हमीरपुर में भी यह एक्सरसाइज की जाएगी।

राज्य आपदा प्रबंधन प्राधिकरण द्वारा राष्ट्रीय आपदा प्रबंधन प्राधिकरण के तकनीकी सहयोग से आयोजित की जा रही इस मैगा मॉक एक्सरसाइज की तैयारियों के लिए मंगलवार को एक कार्यशाला आयोजित की गई। वरुचल माध्यम से आयोजित इस कार्यशाला में जिला आपदा प्रबंधन प्राधिकरण हमीरपुर के



हमीरपुर : मैगा मॉक एक्सरसाइज की तैयारियों के लिए वरुचल माध्यम से आयोजित कार्यशाला में भाग लेते अधिकारी।

अधिकारियों और अन्य विभागों के अधिकारियों ने भाग लिया। इस कार्यशाला के दौरान एन.डी.एम.ए. के सोनियर कंसल्टेंट मेजर जनरल (सेवानिवृत्त) सुधीर बहल ने वीडियो कॉन्फ्रेंसिंग के माध्यम से मैगा मॉक एक्सरसाइज के बारे में विस्तृत जानकारी दी।

उन्होंने कहा कि किसी भी तरह की आपदा से निपटने के लिए जिला स्तर पर डी.डी.एम.ए.

के माध्यम से इंसीडेंट्स रिस्पॉंस सिस्टम यानी घटना प्रतिक्रिया प्रणाली विकसित की गई है तथा जिला एवं उपमंडल स्तर पर आपदा प्रबंधन प्लान भी बनाए गए हैं। उन्होंने बताया कि आई.आर.एस. और आपदा प्रबंधन प्लान की क्षमता एवं प्रभाव के आकलन तथा इन्हें अपडेट करने के लिए समय-समय पर मॉक एक्सरसाइज आयोजित की जाती है। उन्होंने

बताया कि इस बार की एक्सरसाइज भूकंप जैसी आपदा पर आधारित होगी।

इसमें डी.डी.एम.ए. और आपदा प्रबंधन से संबंधित सभी विभागों के अधिकारियों के अलावा स्वयंसेवी संस्थाओं, आपदा मित्रों, अन्य वॉलंटियर्स तथा आम नागरिकों की भागीदारी भी सुनिश्चित की जानी चाहिए। उन्होंने कहा कि इसके लिए सभी प्रशासनिक और विभागीय अधिकारी पूरी तैयारी करें और सभी उपलब्ध संसाधनों का भरपूर उपयोग सुनिश्चित करें। उन्होंने कहा कि सभी अधिकारी अपने-अपने विभागों एवं संस्थानों के आपदा प्रबंधन प्लान की समीक्षा करें और सभी उपलब्ध संसाधनों की भी पूरी मंषिग करें, ताकि एक्सरसाइज के दौरान इनका भरपूर उपयोग किया जा सके व इनमें कमियों का भी पता लगाकर भविष्य में आवश्यक सुधार किए जा सकें। कार्यशाला में ए.डी.सी. अधिषेक गर्ग, एस.डी.एम. संजीत सिंह, जिला राजस्व अधिकारी जगदीश सांख्यान और आपदा प्रबंधन से संबंधित सभी विभागों के अधिकारियों ने भाग लिया।

Hamirpur Kesari

Jun 01, 2025

पंजाब केसरी

## एस.डी.एम. ने की मॉक एक्सरसाइज तैयारियों की समीक्षा

हमीरपुर, 31 मई (ब्यूरो): एस.डी.एम. हमीरपुर संजीत सिंह ने शनिवार को उपमंडल स्तर के अधिकारियों के साथ बैठक करके 6 जून को प्रस्तावित मैगा मॉक एक्सरसाइज की तैयारियों की समीक्षा की।

इस अवसर पर उन्होंने बताया कि इस मैगा मॉक एक्सरसाइज के दौरान भूकंप जैसी आपदा से उत्पन्न आपात परिस्थितियों में बचाव एवं राहत कार्यों का अभ्यास किया जाएगा। उन्होंने बताया कि ये सभी बचाव एवं राहत कार्य इंसीडेंट्स रिस्पॉंस सिस्टम के अंतर्गत सुनियोजित ढंग से अंजाम दिए जाएंगे। उन्होंने कहा कि आई.आर.एस. में

सभी संबंधित विभागों और अधिकारियों की जिम्मेदारियां पहले से ही तय की गई हैं व 6 जून को भूकंप का सायरन बजते ही सभी विभागों के अधिकारी-कर्मचारी और बचाव टीमें तुरंत सक्रिय हो जाएंगी।

एस.डी.एम. ने बताया कि बचाव एवं राहत कार्यों को सुनियोजित ढंग से अंजाम देने के लिए बहुतकनीकी कालेज बड़ के मैदान में स्टेजिंग एरिया स्थापित किया जाएगा तथा सभी संसाधनों एवं टीमों को यहीं से घटनास्थलों के लिए रवाना किया जाएगा। उन्होंने बताया कि इस दौरान मैडीकल कालेज अस्पताल हमीरपुर और

बस स्टैंड में बचाव कार्यों का अभ्यास किया जाएगा।

उन्होंने बताया कि 3 जून को होने वाली टेबल टॉप एक्सरसाइज में मैगा मॉक एक्सरसाइज की रूपरेखा तय की जाएगी। उन्होंने सभी संबंधित अधिकारियों से इस टेबल टॉप एक्सरसाइज में भाग लेने की अपील भी की। बैठक में डी.एस.पी. नितिन चौहान, एच.आर.टी.सी. के डी.एम. राजकुमार पाठक, बी.डी.ओ. हिमांशी शर्मा, तहसीलदार सुभाष कुमार, जिला कोषाधिकारी डॉलिम चौधरी और अन्य अधिकारियों ने भाग लिया।



## आज सुबह 9:00 बजे बजेगा भूकंप का सायरन, फिर शुरू होगी मॉक एक्सरसाइज

मॉक एक्सरसाइज की तैयारियों की समीक्षा को लेकर एसडीएम ने की बैठक

संवाद न्यूज एजेंसी

भोरज (हमीरपुर)। एसडीएम कार्यालय भोरज में चौरवार को बैठक शशिपाल शर्मा की अध्यक्षता में हुई। बैठक में उपमंडल स्तर पर आयोजित की जाने वाली नौवीं मेगा मॉक एक्सरसाइज की तैयारियों की समीक्षा की गई।

उन्होंने कहा कि शुक्रवार सुबह लगभग नौ बजे भूकंप का अलर्ट जारी होने के बाद विभिन्न स्थानों से प्राप्त नुकसान की रिपोर्ट और इन स्थानों पर स्थानीय समुदाय की प्रतिक्रिया के आधार पर बचाव एवं राहत कार्यों को सुनियोजित ढंग से अंजाम देने के लिए स्टेजिंग परियां स्थापित किया जाएगा।

इसी स्टेजिंग परियां में सभी संसाधनों को मोबलाइज किया जाएगा और यहीं से बचाव एवं राहत टीमों को घटनास्थलों के लिए रवाना किया जाएगा। एसडीएम ने कहा कि मेगा मॉक एक्सरसाइज के लिए सभी संबंधित विभागों और अधिकारियों की जिम्मेदारी पहले ही तय कर दी गई है।

सभी अधिकारी और कर्मचारी मेगा मॉक एक्सरसाइज के दौरान पूरी जिम्मेदारी के साथ बचाव एवं राहत कार्यों को अंजाम दें। बैठक में तहसीलदार डॉ. आशीष शर्मा और अन्य अधिकारी उपस्थित थे, जबकि कई अधिकारियों ने ऑनलाइन भाग लिया।

### मॉक एक्सरसाइज में 10 स्थानों पर चलेंगे रेस्क्यू ऑपरेशन : उपायुक्त

हमीरपुर। उपायुक्त एवं जिला आपदा प्रबंधन प्राधिकरण (डीडीएमए) के अध्यक्ष अमरजीत सिंह ने बताया कि शुक्रवार को राज्य आपदा प्रबंधन प्राधिकरण (एसडीएमए) द्वारा राष्ट्रीय आपदा प्रबंधन प्राधिकरण (एनडीएमए) के तकनीकी सहयोग से आयोजित की जा रही नौवीं मेगा मॉक एक्सरसाइज के लिए जिला हमीरपुर में भी सभी तैयारियां पूरी कर ली गई हैं।

उन्होंने बताया कि मॉक एक्सरसाइज के दौरान जिले के पांचों उपमंडलों में दो-दो स्थानों पर बचाव एवं राहत कार्यों को घटना प्रतिक्रिया प्रणाली यानी ईसीडीएस रिस्पॉन्स सिस्टम (आईआरएस) के निर्धारित प्रोटोकॉल के अनुसार सुनियोजित एवं प्रभावी ढंग से अंजाम दिया जाएगा।

उपायुक्त ने बताया कि शुक्रवार सुबह लगभग 9:00 बजे जिला में रिक्टर पैमाने पर 8.0 की तीव्रता वाले भूकंप के परिदृश्य का सायरन के साथ अलर्ट जारी किया जाएगा। इस भूकंप के कारण जिला के दस स्थानों पर होने वाले नुकसान की सूचना जिला एमरजेंसी ऑपरेशन सेंटर (डीईओसी) को प्राप्त होगी और इसके तुरंत बाद जिले में आईआरएस सक्रिय हो जाएगा। सबसे पहले नुकसान वाले स्थानों पर स्थानीय समुदाय की प्रतिक्रिया देखी जाएगी और उसके बाद बचाव दलों को घटनास्थलों के लिए रवाना किया जाएगा।

### शुक्रवार को भूकंप का सायरन बजते ही सक्रिय होंगी टीमें

उपायुक्त ने जिला के सभी उपमंडलों के अधिकारियों और कर्मचारियों के साथ-साथ स्थानीय वालंटियर्स, आपदा मित्रों, पंचायत जनप्रतिनिधियों तथा आम लोगों से भी मेगा मॉक एक्सरसाइज में सक्रियता एवं गंभीरता के साथ भाग लेने की अपील की है।

### मॉक ड्रिल के लिए तीन वार्ड स्थापित

हमीरपुर। मेडिकल कॉलेज हमीरपुर में मॉक ड्रिल रिहर्सल का आयोजन किया गया। एसडीएम हमीरपुर संजीत सिंह की रिहर्सल का निरीक्षण करने पहुंचे। यहां पर छह जून को प्रस्तावित मॉक ड्रिल के लिए तीन वार्ड येलो, रेड और ग्रीन स्थापित किए गए हैं।

खास बात यह है कि इन तीनों वार्ड में धीम के तहत येलो, रेड और ग्रीन जोन के तहत बैड शीट भी इस रंग की लगाई गई है। अस्पताल के चिकित्सा अधीक्षक डॉ. देशराज शर्मा ने कहा कि आपातकाल गेट से इन वार्ड से मरीजों की एंटी की जाएगी। येलो वार्ड में हल्की चोट वाले लोगों को दाखिल किया जाएगा। रेड वार्ड में गंभीर घायलों को और ग्रीन वार्ड में ऐसे मरीजों को दाखिल किया जाएगा, जिन्हें मामूली खरोंचे अथवा सदमा लगा है।

इसके अलावा ब्लैक जोन में मृतकों के शव रखे जाने का प्रावधान है। उन्होंने कहा कि एसडीएम हमीरपुर की देखरेख में मॉक ड्रिल की रिहर्सल की गई है। इस दौरान उन्होंने जरूरी दिशा निर्देश अधिकारियों को दिए हैं। मॉक ड्रिल को लेकर तैयारी कर ली गई है। वार्ड भी स्थापित कर लिए गए हैं और कर्मचारियों को उनके दायित्व भी निर्दिष्ट कर दिए हैं।

## आपदा प्रबंधन कार्यक्रम में 55 छात्र-छात्राओं ने लिया भाग



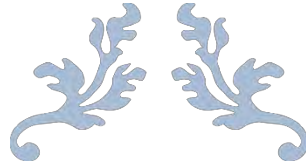
10वीं वाहिनी हमीरपुर की गृह रक्षा कंपनी नादौन अपनी टीम सहित प्रशिक्षक के रूप में उपस्थित हुए।

उन्होंने किसी भी प्राकृतिक आपदा के आने पर कैसे जानमाल की सुरक्षा की जाए, इसके बचाव हेतु विस्तृत रूप से बच्चों को

नादौन : राजकीय प्राथमिक पाठशाला कलूर के छात्र कंपनी कमांडर प्रीतम चंद व अन्य सदस्यों के साथ सामूहिक चित्र में। (जैन)

नादौन, 31 मई (जैन) : राजकीय प्राथमिक पाठशाला कलूर में आपदा प्रबंधन के संदर्भ में एक कार्यक्रम का आयोजन किया गया, जिसमें कंपनी कमांडर प्रीतम चंद गृह रक्षा

प्रशिक्षित किया। इस कार्यक्रम में पाठशाला के 2 अध्यापकों व 2 मिड-डे मील वर्कर्स सहित लगभग 55 छात्र-छात्राओं ने भाग लिया।



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# REPORT OF 9TH EDITION OF THE STATE-WIDE MEGA MOCK EXERCISE ON EARTHQUAKE

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06 June 2025



SUBMITTED BY

**DDMA KANGRA**

## **Introduction**

The State Disaster Management Authority conducted a mega mock exercise on June 6th, simulating an earthquake scenario in various districts of Himachal Pradesh. The exercise aimed to test the preparedness and response of the district administration, emergency services, and other stakeholders in the event of a disaster. This report summarizes the key findings and outcomes of the exercise in each of the 14 sub-divisions.

## **Sub-Division Reports**

### **1. Shahpur**

#### **• Scenario**

- **Date/Time:** June 6, 2025, Fire reported at 9:30 AM; alert received by Sub-Division EOC and Fire Station at 10:30 AM.
- **Location:** Govt. ITI, Shahpur.
- **Response:** IRT and concerned teams activated at 11:00 AM.

#### **Casualties and Rescue:**

- **Total Individuals Rescued:** 127 (students).
- **Injuries:** 7 (5 minor, treated onsite and discharged; 2 serious, admitted to Civil Hospital Shahpur).
- **Fatalities:** None.

#### **Status:**

- Fire fully under control by 12:15 PM.
- Damage assessment underway by civil engineers.
- Department has ordered a detailed inquiry.

#### **Challenges:**

- Narrow, single-lane access road (due to ongoing four-lane construction) delayed response.
- Poor mobile network hampered communication with District Control.







## 2. Baijnath:

### **Scenario: Mock Earthquake Drill Report: Government Degree College, Baijnath**

- **Date/Time:** June 6, 2025 | Drill commenced at 9:00 AM, concluded by 10:41 AM
- **Location:** **Government Degree College** Baijnath
- **Incident Type:** Earthquake Simulation, Building damaged and a tree fell
- **Rescued:** 19 individuals
  - **Injured:** 19 (13 students, 5 faculty, 1 forest employee)
  - **Serious Injuries:** 5 (shifted to Civil Hospital Baijnath)
  - **Fatalities:** 0

### **Key Departments Participated:**

- SD Incident Response Team, Police, Fire, Health, PWD, Education, Rural Development, Jal Shakti, NCC, Hans Foundation, and others

### **Highlights:**

- IRS was activated promptly; early warning systems and alert protocols were followed.
- Staging area with coordinated agency layout and traffic management was established.
- Power supply was cut as a safety measure.
- Fire incident (simulated) was controlled by Fire Department.
- Relief camp with all amenities was set up for evacuees.
- Trauma counseling provided on-site.
- Debriefing identified gaps in equipment (harnesses, ascenders) and communication (need for VHF radio sets).

**Conclusion:**

The drill successfully tested multi-agency coordination, SOP effectiveness, and IRS functionality. Recommendations include bridging equipment gaps, enhancing communication systems, and conducting periodic drills to maintain readiness.

**3. Nagrota Bagwan – Mock Drill Report (06 June 2025)**

**Disaster Scenario:** Flash Flood in Jugal Khadd near Mother Teresa Global Convent School, Ghorab

**Rescued:** 343 persons

**Injured:** 19 (16 minor, 3 serious)

**Fatalities:** 0

**Overview:**

A mock drill simulating a flash flood was conducted as per SDMA/DDMA guidelines to test preparedness and response mechanisms in Sub-Division Nagrota Bagwan.

**Objectives:**

- Test inter-agency coordination and IRS activation
- Identify resource and communication gaps
- Enhance community and departmental readiness

**Highlights:**

- Early warning and evacuation protocols executed successfully
- Injured were triaged on-site; serious cases shifted to hospital
- Relief camp was set up with essential facilities
- Coordination among departments was effective

**Observations:**

- SOPs were followed efficiently
- Some resource and communication challenges noted
- Emphasis laid on the importance of VHF sets for better inter-agency communication

**Conclusion:**

The exercise effectively tested the disaster response capabilities in the event of a flash flood. Lessons learned will help improve readiness, resource allocation, and inter-departmental coordination in real emergencies.



#### **4. Dheera**

##### **Mock Drill Report (06 June 2025)**

**Scenario:** Earthquake simulation at Bhedu Mahadev Negual Khud and BDO Office, Sullah

**Rescued:** 15 individuals

**Injured:** 10 (3 major, 7 minor)

**Fatalities:** 0

**Relief Distributed:** ₹65,000 (instant relief)

##### **Overview:**

A mock earthquake drill was conducted under the supervision of SDM Dheera, with activation of Incident Response System (IRS) at 9:15 AM. Operations were executed at two key sites: Bhedu Mahadev and BDO Office Sullah.

##### **Key Response Actions:**

- IRS was activated promptly; Planning Section developed an action plan and requisitioned essential resources (ambulance, SDRF, fire brigade, JCB, medical teams, etc.).
- Staging area established at Bhedu Mahadev Mandir for coordinated agency movement and operations.

- 10 individuals (5 drowning, 5 stranded) were rescued near Neugal river; 3 serious injuries sent to CH Thural, others given first aid.
- At the collapsed BDO office, 5 persons were safely rescued from the 2nd floor.

#### **Support Services:**

- Relief camp set up with all essential facilities.
- Effective coordination among SDRF, police, fire services, Aapda Mitras, and line departments ensured timely response.

#### **Observations:**

- Operations were well-managed with adequate manpower and planning.
- Equipment gaps noted (need for harnesses, spine-boards, ascenders).

#### **Conclusion:**

The mock drill successfully tested inter-agency coordination, resource mobilization, and emergency preparedness. Observations made during the exercise will help enhance future disaster response capabilities.

**Observer:** Sh. Sohan Singh, Naib Subedar, 16 Garh Rif, YOL.



## **5. PALAMPUR Sub-Division**

**Location:** Bindraban Colony

**Date & Time:** 06 June 2025, Drill Commenced at 10:30 AM

**Type of Scenario:** Building collapsed Simulation

**Supervision:** Sub-Divisional Magistrate (SDM), Palampur

#### **Key Highlights of the Exercise:**

- A mock drill simulating a building collapsed at Bindraban Colony Palampur as part of the 9th State-Level Mega Mock Exercise.
- The **Incident Response System (IRS)** was promptly activated upon receiving the mock distress call.



- **Early Warning Systems** and all **standard alert protocols** were triggered immediately to ensure timely response and awareness.

#### **Search & Rescue Operations:**

- A total of **30 individuals** were successfully evacuated and rescued from the premises.
- Rescue teams implemented the **safest evacuation strategies** to avoid panic and injury.
- **Injuries Reported:**
  - **3 females** sustained minor injuries and were treated at an on-site **medical camp**.
  - **2 males** suffered serious injuries and were referred to the **Civil Hospital, Palampur** for advanced care.

#### **Relief & Rehabilitation:**

- A **fully functional relief camp** was established at the location to support affected individuals.
- The exercise concluded successfully by **12:15 PM**.

#### **Outcome:**

The mock drill demonstrated **high levels of preparedness, coordination, and operational efficiency** among emergency response agencies including the fire services, health teams, local administration, and police. It served as a **practical validation of response protocols** during an emergency scenario and highlighted the importance of real-time inter-agency communication.



## 6. Fatehpur Sub-Division

**Location:** Government Senior Secondary School (GSSS), Fatehpur

**Date & Time:** 06 June 2025, Team Reached at 10:10 AM

**Type of Scenario:** Earthquake Simulation

**Supervision:** Local Administration under the guidance of DDMA/SDMA

### Key Highlights:

- A mock drill simulating a **massive earthquake** was conducted at the approved site of GSSS Fatehpur.
- The **Disaster Management Team (DMT)** reached the affected area and found **39 students** stranded inside a collapsed building.
- Immediate evacuation and **triage operations** were undertaken with support from locals.

### Casualties & Injuries:

- **10 students** were declared dead (6 males and 4 females); bodies were sent to CH Nurpur for post-mortem.
- **22 students** sustained grievous injuries (12 males and 10 females) and were referred to RPGMC Tanda after initial treatment.
- **7 students** had minor injuries (4 males and 3 females) and were treated at CH Fatehpur.

### Outcome:

The mock drill exposed **realistic challenges in school evacuation**, emergency triage, and casualty management during earthquake scenarios. It demonstrated effective **coordination among health, police, and local volunteers**.



## 7. Nurpur Sub-Division

**Location:** Government ITI, Nurpur

**Date & Time:** 06 June 2025

**Type of Scenario:** Earthquake with Fire Breakout

**Supervision:** Sub-Divisional Magistrate, Nurpur

### Key Highlights:

- An earthquake scenario with a **simulated fire incident** was reported at the ITI premises.
- The **Incident Response System (IRS)** was activated; power supply was cut as a safety measure.
- **Search and rescue** teams rescued **17 individuals** from the collapsed structure.

### Casualties & Injuries:

- **5 individuals** sustained major injuries (referred to RPGMC Tanda).
- **12 individuals** had minor injuries; trauma counseling provided on-site.
- **Relief distributed:**
  - ₹5,000 each to 12 minor injured persons
  - ₹10,000 each to 5 seriously injured persons
  - **Total relief disbursed: ₹1,10,000/-**

### Animal Casualty:

- **5 animal carcasses** recovered from debris and disposed of by the Animal Husbandry Department.

### Outcome:

The drill demonstrated the importance of **multi-sector coordination**, especially between human and animal response units. Quick triage and trauma care were highlights of the response.



## 8. Jaisinghpur Sub-Division

**Location:** Local School Premises

**Date & Time:** 06 June 2025, Alarm Raised at 9:30 AM

**Type of Scenario:** School Building Collapse (Earthquake)

### Key Highlights:

- Local teachers and staff raised an alarm after partial building collapse due to an earthquake.
- **First Responders** included villagers, school personnel, and local police who manually began debris removal.
- The District Control Room was alerted at 9:40 AM.

### Casualties & Injuries:

- **20 children** were trapped under rubble.
- **10 were rescued alive** by 10:00 AM, with **5 critically injured** and shifted to Kangra District Hospital.
- **5 children** were declared dead on-site by 10:05 AM.

### Additional Measures:

- Media was advised to avoid the zone due to **risk of aftershocks**.

### Outcome:

This drill emphasized the importance of **community-level readiness, rapid alert systems, and manual rescue** capabilities in the golden hour of disaster response.

## 9. Indora Sub-Division

**Location:** Government College, Indora

**Date & Time:** 06 June 2025

**Type of Scenario:** Earthquake with Fire Breakout

**Supervision:** Sub-Divisional Magistrate, Indora

### Key Highlights:

- A simulated earthquake led to **structural collapse** and a **mock fire breakout** at the site.
- **Power was disconnected**, and firefighting was completed by the Fire Department.
- **10 individuals** were rescued.

### Casualties & Injuries:

- **2 individuals** were declared brought dead; bodies sent to CH Nurpur for post-mortem.



- **3 had major injuries**, referred to Tanda Medical College.
- **5 had minor injuries**, treated on-site.
- **Trauma counseling** provided to the survivors.

**Outcome:**

The exercise effectively highlighted **rapid triage and evacuation**, multi-agency rescue work, and **psychosocial care** needs during disasters.

## **11. Dharamshala Sub-Division**

**Scenarios Covered:** Multiple Hazards (Building Collapse & Landslides)

**Supervision:** Sub-Divisional Magistrate, Dharamshala

**Staging Area Summary:** Total Injured – **27 (24 Female, 3 Male)**

### ***1. PO DRDA Building Collapse***

- **Injured:** 16 individuals
- **Discharged:** 6 after first aid
- **Referred to Zonal Hospital:** 7 cases
- **Dead:** 3 casualties

### ***2. Indrunag (Landslide Incident)***

- **Rescued:** 2 males
- **Injuries:** Sent to Zonal Hospital

### ***3. Pillar No. 4 (Landslide Incident)***

- **Major Injuries:** 3 individuals
- **Minor Injuries:** 3 individuals
- **All referred to Zonal Hospital**

### ***4. Kirpu Moad (Landslide Incident)***

- **Rescued:** 5 males
- **Serious Injury:** 1 person
- **Minor Injuries:** 4 persons
- **All referred to Zonal Hospital**

**Outcome:**

Dharamshala's multi-scenario drill effectively showcased rapid response across **urban and slope-sensitive zones**, involving **mass casualty triage**, landslide rescue, and efficient referral management to tertiary health care.

## 12. Kangra Sub-Division

**Location:** Gupt Ganga

**Scenario:** Earthquake

**Supervision:** Local Authorities under SDMA/DDMA

### Casualty & Rescue Summary:

- **Injured:** 17 individuals
  - **Treated on-site:** 15
  - **Discharged:** 12 after first aid
  - **Referred:** 3 to higher medical centers
- **Deaths:** 2
- **Search & Rescue:** Ongoing operations for debris clearance

### Outcome:

The drill simulated post-quake field operations with focus on **first responder triage**, rapid medical clearance, and **continued search under debris**, highlighting **resilience under pressure**.

## 13. Jawali Sub-Division

**Location:** Government ITI Jawali

**Scenario:** Earthquake

**Timeframe:** 10:02 AM to 10:15 AM

**Supervision:** SDM Jawali

### Key Details:

- **Trapped Individuals:** 4
- **Seriously Injured:** 1 (stabilized and referred)
- **Evacuation:** Conducted successfully by trained teams and local volunteers
- **Search Confirmation:** No additional casualties found post-clearance

### Outcome:

The response team ensured **swift evacuation and area sanitization**. The drill reflected **effective community coordination** and utilization of local resources.

## 14. Jawalamukhi Sub-Division

**Location:** Jawalamukhi Town

**Scenario:** Earthquake-Induced Structural Collapse

**Supervision:** Local Administration

### Incident Summary:

- **Buildings Collapsed:** 2 major structures
- **Trapped Individuals:** 14
- **Minor Injuries:** 8 individuals treated on-site

- **Critical Injuries:** 4
  - **2 referred to CH Jawalamukhi**
  - **2 referred to RPGMC Tanda**
- **Deaths:** 2 confirmed

**Outcome:**

The mock exercise tested readiness for **dense-town structural collapse scenarios** and highlighted **triage, multi-tier hospital referral, and real-time casualty management**.

**Conclusion:** The mega mock drill conducted across the Kangra district provided critical insights into disaster readiness, coordination among emergency services, and operational effectiveness. While most responses were prompt and well-coordinated, gaps in communication tools, equipment, and access infrastructure were noted. These findings will guide improvements in future disaster preparedness and response strategies.









## मॉक ड्रिल



पालमपुर : प्राकृतिक आपदाओं से निपटने की तैयारियों को परखने हेतु आयोजित मॉक ड्रिल में रेस्क्यू अभियान चलाते रेस्क्यू कर्मचारी। (भृगु)



बैजनाथ : घायल व्यक्ति को रेस्क्यू कर ले जाते बचाव गर्मी। (सुरिख)



कांगड़ा : मॉक ड्रिल के दौरान घायल का उपचार करते स्वास्थ्य विभाग की टीम। (अविनाश)



धर्मशाला : मेगा मॉक ड्रिल के दौरान रॉप-वे के टावर 4 से घायलों को रेस्क्यू करते एस.डी.आर.एफ., होमगार्ड व सेना के जवान। (विक्रम)



नूरपुर : मॉक ड्रिल के बाद सामूहिक चित्र में एस.डी.एम. तथा अन्य विभागों के अधिकारी व कर्मचारी। (सह)



इंदौरा : इंदौरा में मॉकड्रिल के दौरान घायल व्यक्ति को उपचार के लिए इमारत से नीचे उतारते अग्निशमन विभाग के कर्मचारी। (सिमरन)



# **REPORT OF 9TH EDITION OF THE STATE-WIDE MEGA MOCK EXERCISE ON EARTHQUAKE**

**Dated: 06-06-2025**



**Submitted By**  
**District Disaster Management Authority,**  
**Kinnaur**

## **Background**

Disaster when they occur, impact all irrespective of political, social, economic or geographic boundaries.

There has been an increase in number of natural disaster over the past few years. The impact of such a calamity transcends physical components and impacts the socio-economic condition of affected person and places.

Under the DM Act 2005, it is mandatory on the part of District Disaster Management Authority (DDMA) to adopt a continuous and integrated process of planning, organizing, coordinating and implementing measures which are necessary and expedient for prevention as well as mitigation of disasters. These processes are to be incorporated in the developmental plans of the different departments and preparedness to meet the disasters and relief, rescue and rehabilitation thereafter, so as to minimize the loss to be suffered by the communities and are to be documented so that it is handy and accessible to the general public. Any approach to Disaster Management should considered that a single dead any disaster is more than a loss of human life, it impacts the entire family and puts the environment around them under the stress. The challenge before us is, therefore, is to strive towards higher levels of understanding, preparedness, mitigation efforts and response mechanism. This in turn need to be backed by better coordination amount different organizations, departments, Panchayati Raj institutions, Academic institutions , the civil society and citizens at large. Long strides in several areas towards strengthening the institutional mechanism and response capacity for different activities related disaster management.

However, despite the best preparedness and highest response standards, disasters remain a challenge to humankind. Continuous updation and state of readiness become extremely important in disaster management guard.

### **Vulnerability of the District**

Hazard, Risk, Vulnerability and Capacity Analysis the unique Geo Climatic conditions of the District make it vulnerable to various kinds of natural hazard/ disaster which have been compounded by increasing human interventions with the nature.

There is need to identify and delineate the Hazard risk zones of Districts (areas, vulnerable to various hazards) which will provide the necessary information to work on micro - level and to make the active dormant processes of the hazards. District Kinnaur lies in western part of young folded mountains of Himalayas which are still instable. The District falls in seismic zone 4 and 5 High damage risk zone (MSKVIII) and very High damage risk zone (MSK IX or more) respectively. As per the recorded history of earthquakes the District has been hit by more than 12 times by earthquakes having magnitude of 4.0 and above.



## Need for Mock Exercise

Mock exercises play a critical role in testing and refining the effectiveness of the District Disaster Management Plans (DDMPs). Conducting these drills across different parts of the district provides a practical platform to evaluate the operational readiness of various departments and the coordination among stakeholders during a simulated disaster scenario. Such exercises help identify gaps in planning, resource deployment, and communication systems.

Moreover, mock drills promote a culture of preparedness and rapid response by actively involving all stakeholders — including government agencies, frontline responders, local institutions, and the community at large. Their participation not only strengthens inter-agency coordination but also raises public awareness about disaster risks and response procedures.

## Objective of Mock Exercise

1. To review the Disaster Management Plan.
2. To evaluate and check the roles of Incident Response System (IRS) of the Districts.
3. Identify the gaps during disaster response.
4. Highlight the role and responsibilities of the stakeholders.

## Key Participants:-

|    |                              |
|----|------------------------------|
| 1  | District Administration      |
| 2  | Police Department            |
| 3  | SDMs                         |
| 4  | Tehsildar and Naib Tehsildar |
| 5  | Army                         |
| 6  | ITBP                         |
| 7  | CISF                         |
| 8  | Home Guard                   |
| 9  | Fire Department              |
| 10 | Health                       |
| 11 | DF&SC                        |
| 12 | Jal Shakti Vibhag            |
| 13 | PWD                          |
| 14 | Electricity                  |
| 15 | GREF                         |
| 16 | JSW                          |
| 17 | Aapda Mitra Volunteers       |
| 18 | DPRO                         |

### **Coordination conference on 27-05-2025**

A coordination conference was held at the Himachal Pradesh Secretariat on 27th May 2025, under the chairmanship of the Director-cum-Special Secretary (Revenue-DM) to the Government of Himachal Pradesh. The meeting was attended by all Deputy Commissioners, Heads of Departments, and representatives from armed forces including the ITBP, NDRF, and the Indian Army. During the meeting, the Director-cum-Special Secretary (Revenue-DM) directed all Deputy Commissioners and line departments to conduct a Mega Mock Exercise on Earthquake on 6th June 2025. It was also decided that a Table Top Exercise (TTX) would precede the drill and be held on 3rd June 2025. Maj. Gen. Sudhir Behl, Senior Consultant, NDMA, Ministry of Home Affairs, Government of India, guided the Deputy Commissioners to select four incident sites from each District Headquarters and one site from each Sub-Division to conduct the mock exercises. The focus was not only on earthquake response but also on managing secondary impact disasters such as fire, Glacial Lake Outburst Floods (GLOF), landslides, and heavy rock falls.



### **Table Top Exercise on 03-06-2025.**

The Himachal Pradesh State Disaster Management Authority started the table top exercise with the After that Maj. Gen. Sudhir Behl, Senior consultant NDMA, Ministry of Home Affairs, Government of India gave painted scenarios to all the Districts and asked the Districts to respond to the scenarios. In the end Maj. Gen. Sudhir Behl, Senior consultant NDMA ended the table top exercise by providing brief presentation regarding the working of IRS.

## Incident Sites

**There were 07 incident sites identified for the Mega Mock Exercise.**

| Sr. No | Site Name                          | Situation   |
|--------|------------------------------------|---|
| 1      | Dc Office Damage                   | Structural damage to the building                               |
| 2      | Regional Hospital                  | Building damage accompanied by a fire incident                  |
| 3      | JNV School                         | Building damage and a fire incident reported                    |
| 4      | Residential Area near SDM Resident | Structural damage and an electrical fire outbreak               |
| 5      | Karcham Dam                        | A flash flood triggered by a Glacial Lake Outburst Flood (GLOF) |
| 6      | Nathpa NH 05 Near Dam              | Major landslide blocking access routes                          |
| 7      | Nesang Julla                       | Heavy rock fall posing risks to life and property               |

### **Mega Mock Exercise on dated 06-06-2025.**

A short briefing session was conducted by the Incident Commander prior to the commencement of the Mega Mock Exercise. During the briefing, it was communicated that the State Emergency Operations Centre (SEOC) would monitor the entire exercise live through an online link. It was also decided that only satellite phones and wireless sets would be used for communication during the exercise, in order to simulate real disaster conditions. All participating line departments and response units were briefed on their respective roles and responsibilities. Additionally, observers were provided with standardized reporting formats to record and submit their observations.

On the day of the Mega Mock Drill, a simulated high-magnitude earthquake was reported, which triggered a series of cascading disasters, including a Glacial Lake Outburst Flood (GLOF), a major landslide, structural damage to buildings, and a fire incident. Upon receiving this information from the field, the emergency siren was activated, signaling the initiation of the Incident Response System (IRS). All relevant line departments immediately assembled at the Staging Area to coordinate the response.

Quick Response Teams (QRTs) from the Indo-Tibetan Border Police (ITBP), State Police, and Home Guard were mobilized and deployed to their respective incident sites to carry out rescue and response operations. Simultaneously, heavy machinery was dispatched to clear landslide-affected areas, particularly to restore road connectivity and access to critical locations. Ambulances were mapped to each incident site to ensure timely transportation of injured victims. A Medical Aid Post was established to provide first aid and emergency medical treatment, while a Relief Camp was also set up to offer shelter, food, and essential services to the affected population.

### **Lesson learnt are as follows:-**

1. **Strengthening Early Warning Systems:** There is a need to develop and deploy more robust early warning systems specifically for Glacial Lake Outburst Floods

(GLOFs), flash floods, and landslides to ensure timely alerts and proactive response.

2. Resource Mapping and Utilization: Comprehensive mapping of available resources—Both human and material—is essential for their optimal allocation and efficient utilization during emergency response operations.
3. Clarity of Roles and Training: The roles and responsibilities of all officers involved in the response should be clearly defined in advance. Regular training and capacity-building exercises should be conducted to ensure preparedness.
4. Briefing of Incident Command Staff: All officers' assigned roles within the Incident Command System (ICS) must be thoroughly briefed beforehand. Their specific responsibilities should be clearly communicated to enable coordinated and effective incident management.
5. Drone technology should be integrated into disaster response efforts for rapid impact assessment and effective planning. Drones can provide real-time aerial imagery and data, enabling responders to assess the extent of damage, identify inaccessible areas, and prioritize resource deployment more efficiently.
6. A reliable and functional communication system is essential to establish and maintain effective coordination during disaster response. Backup communication modes such as satellite phones, wireless sets, and radio networks should be tested regularly to ensure they remain operational when conventional systems fail.

#### **Gaps identified:**

1. All the IRT members at District Level and Sub Division level must be trained in Incident response System for better response.

#### **Following are the photographs of the Mega Mock Exercise:-**







## आईटीबीपी मैदान में करवाई मॉकड्रिल



दिकान्गिओ। राष्ट्रीय आपदा प्रबंधन प्राधिकरण द्वारा आयोजित 9वीं मेगा मॉकड्रिल आईटीबीपी मैदान रिकान्गिओ में जिला प्रशासन व जिला आपदा प्रबंधन प्राधिकरण द्वारा संयुक्त रूप से आयोजित किया गया। इस पूर्वोन्मुख कार्यक्रम का निरीक्षण करते हुए राजस्व मंत्री जगत सिंह नेगी ने कहा कि जनजातीय जिला किजोर आपदा के दृष्टिकोण से संवेदनशील क्षेत्रों में आता है। समय-समय पर आपदाकालीन स्थिति से निपटने के लिए अभियान चलाए जाते हैं, ताकि बहुमूल्य जान माल की क्षति को कम किया जा सके। पूर्वोन्मुख के अंतर्गत प्रांत: 09 बजे किजोर जिला में भूकंप के झटके आते हैं, जिससे संवेदनशील स्थानों जैसे सामान में गैरस्थिर लेक फटने की घटना, नाववा डैम का फटना व नैसर्ग-झुला में भू-स्खलन की घटना दर्ज की जाती है। राहत एवं बचाव कार्य को तुरंत आरंभ करते हुए अग्निशमन विभाग, पुलिस विभाग, होमगार्ड, आर्मी एवं स्थानीय प्रशासन की टीमों को तुरंत मौके पर रवाना किया गया तथा सफलतापूर्वक पूर्वोन्मुख को सफल बनाया गया। इस अवसर पर उपयुक्त किजोर डा. अभिले कुमार शर्मा सहित विभिन्न राहत एवं बचाव कार्य के दल सहित अन्य उपस्थित थे।

SAT 07 JUNE 2025  
EDITION: SHIMLA KESARI, PAGE NO. 1

शनिवार SATURDAY, 7 जून 2025

### आईटीबीपी मैदान रिकान्गिओ में मॉक ड्रिल आयोजित

आईटीबीपी मैदान रिकान्गिओ में मॉक ड्रिल आयोजित। 9वीं मेगा मॉक ड्रिल के तहत किजोर जिला के आईटीबीपी मैदान रिकान्गिओ में जिला प्रशासन व जिला आपदा प्रबंधन प्राधिकरण द्वारा संयुक्त रूप से आयोजित किया गया। इस पूर्वोन्मुख कार्यक्रम का निरीक्षण करते हुए राजस्व मंत्री जगत सिंह नेगी ने कहा कि जनजातीय जिला किजोर आपदा के दृष्टिकोण से संवेदनशील क्षेत्रों में आता है। समय-समय पर आपदाकालीन स्थिति से निपटने के लिए अभियान चलाए जाते हैं, ताकि बहुमूल्य जान माल की क्षति को कम किया जा सके। पूर्वोन्मुख के अंतर्गत प्रांत: 09 बजे किजोर जिला में भूकंप के झटके आते हैं, जिससे संवेदनशील स्थानों जैसे सामान में गैरस्थिर लेक फटने की घटना, नाववा डैम का फटना व नैसर्ग-झुला में भू-स्खलन की घटना दर्ज की जाती है। राहत एवं बचाव कार्य को तुरंत आरंभ करते हुए अग्निशमन विभाग, पुलिस विभाग, होमगार्ड, आर्मी एवं स्थानीय प्रशासन की टीमों को तुरंत मौके पर रवाना किया गया तथा सफलतापूर्वक पूर्वोन्मुख को सफल बनाया गया। इस अवसर पर उपयुक्त किजोर डा. अभिले कुमार शर्मा सहित विभिन्न राहत एवं बचाव कार्य के दल सहित अन्य उपस्थित थे।

आईटीबीपी मैदान रिकान्गिओ में मॉक ड्रिल आयोजित। 9वीं मेगा मॉक ड्रिल के तहत किजोर जिला के आईटीबीपी मैदान रिकान्गिओ में जिला प्रशासन व जिला आपदा प्रबंधन प्राधिकरण द्वारा संयुक्त रूप से आयोजित किया गया। इस पूर्वोन्मुख कार्यक्रम का निरीक्षण करते हुए राजस्व मंत्री जगत सिंह नेगी ने कहा कि जनजातीय जिला किजोर आपदा के दृष्टिकोण से संवेदनशील क्षेत्रों में आता है। समय-समय पर आपदाकालीन स्थिति से निपटने के लिए अभियान चलाए जाते हैं, ताकि बहुमूल्य जान माल की क्षति को कम किया जा सके। पूर्वोन्मुख के अंतर्गत प्रांत: 09 बजे किजोर जिला में भूकंप के झटके आते हैं, जिससे संवेदनशील स्थानों जैसे सामान में गैरस्थिर लेक फटने की घटना, नाववा डैम का फटना व नैसर्ग-झुला में भू-स्खलन की घटना दर्ज की जाती है। राहत एवं बचाव कार्य को तुरंत आरंभ करते हुए अग्निशमन विभाग, पुलिस विभाग, होमगार्ड, आर्मी एवं स्थानीय प्रशासन की टीमों को तुरंत मौके पर रवाना किया गया तथा सफलतापूर्वक पूर्वोन्मुख को सफल बनाया गया। इस अवसर पर उपयुक्त किजोर डा. अभिले कुमार शर्मा सहित विभिन्न राहत एवं बचाव कार्य के दल सहित अन्य उपस्थित थे।



रिकान्गिओ में मॉक ड्रिल का कार्यक्रम में डॉ. डॉ. अभिले कुमार शर्मा। (संस्कृत)





**Report on 9<sup>th</sup> State-Level Mega Mock Exercise on Earthquake – 2025**  
**Date of Exercise: 06<sup>th</sup> June 2025**

## **1. Introduction**

The 9<sup>th</sup> edition of the State-Level Mega Mock Exercise on Earthquake was successfully conducted on **06th June 2025** across various sub-divisions of **District Kullu**, Himachal Pradesh. The exercise was organized by the **Himachal Pradesh State Disaster Management Authority (HPSDMA)** in collaboration with the **National Disaster Management Authority (NDMA)**, Ministry of Home Affairs, Government of India.

The primary objective of the mock exercise was to evaluate the readiness of the district administration and various stakeholder departments in effectively responding to a high-magnitude earthquake event using the **Incident Response System (IRS)**.

## **2. Orientation & Coordination Meeting**

Prior to the mock drill, an Orientation and Coordination Meeting was held on **27<sup>th</sup> May 2025** through video conferencing with the State. The meeting was attended by Deputy Commissioners, heads of departments, central response agencies, and key stakeholders. District Kullu IRT members and nodal officers participated and received detailed briefing on the scenario, preparedness planning, and coordination roles.





### 3. Table Top Exercise (TTEx)

A Table Top Exercise was conducted on **03<sup>rd</sup> June 2025** at NIC Conference Hall, under the chairmanship of the Chief Secretary, Himachal Pradesh. DDMA Kullu presented its District Disaster Management Plan (DDMP), simulation site selection strategy, roles and responsibilities of departments under IRS, and inter-agency coordination mechanisms.



### 4. Communication Mock Drill – 02<sup>nd</sup> June 2025

To assess communication readiness, a district-level **I-SAT and VHF communication mock drill** was conducted on **02<sup>nd</sup> June 2025**. All Sub-Divisional Magistrates (SDMs), hydroelectric project authorities, and control rooms were contacted using satellite and wireless channels.

The objective was to verify real-time transmission of messages and emergency communication functionality during disasters. Minor technical gaps identified were documented for follow-up.





## 5. Simulated Scenario

A simulated earthquake of **magnitude 8.0** with its **epicentre in District Kangra** was assumed. Strong tremors were "felt" across District Kullu, triggering cascading events such as:

- Structural collapse
- Fires
- Landslides
- Glacial Lake Outburst Flood (GLOF)

## 6. Simulation Sites and Incidents (Sub-Division Wise)

| Sub-Division | Simulation Site                    | Simulated Incident   |
|--------------|------------------------------------|--|
| Kullu        | Tibetan Market & Bhoothnath Bridge | Controlled fire and structural collapse with evacuation and SAR operations |
| Kullu        | CHC Tegu Behar                     | Hospital evacuation and emergency triage setup                             |
| Manali       | Aleo Region                        | GLOF scenario with rescue of trapped families and temporary shelter setup  |
| Banjar       | Govt. Degree College               | Fire in academic building with evacuation                                  |
| Banjar       | NHPC Stage-III, Sainj              | Landslide-induced breach and dam evacuation response                       |
| Anni         | Naldera Residential Area           | Community-led evacuation of damaged houses                                 |
| Nirmand      | Tehsil Office                      | Collapse of government building with SAR of trapped staff                  |



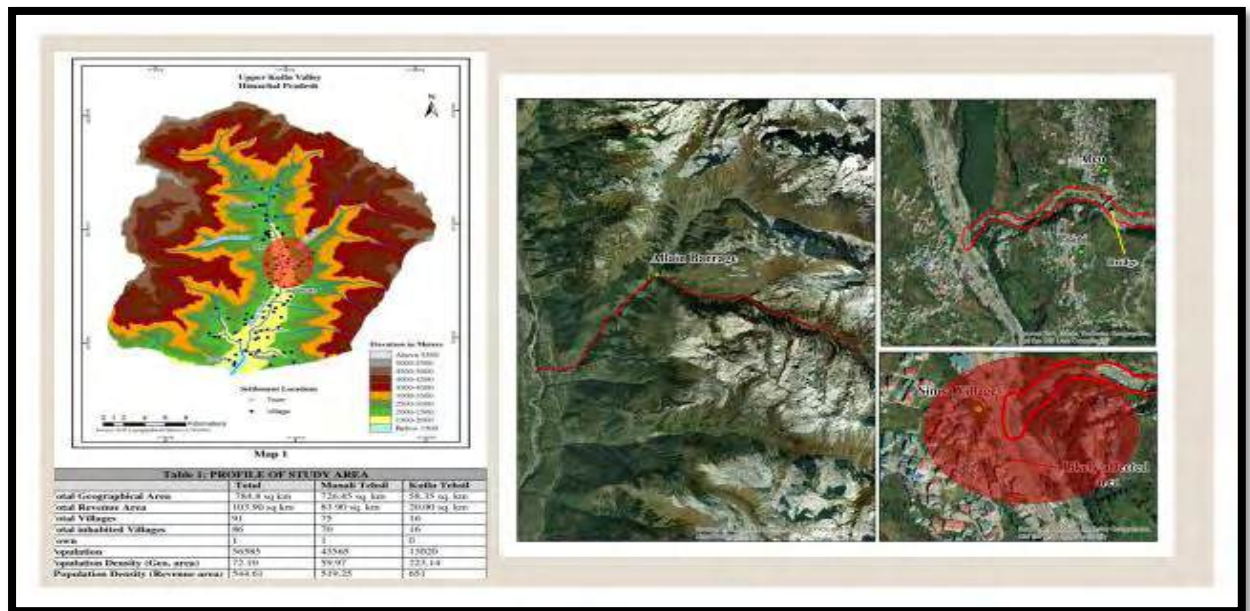
## Sub-Division Kullu



## Sub-Division Manali



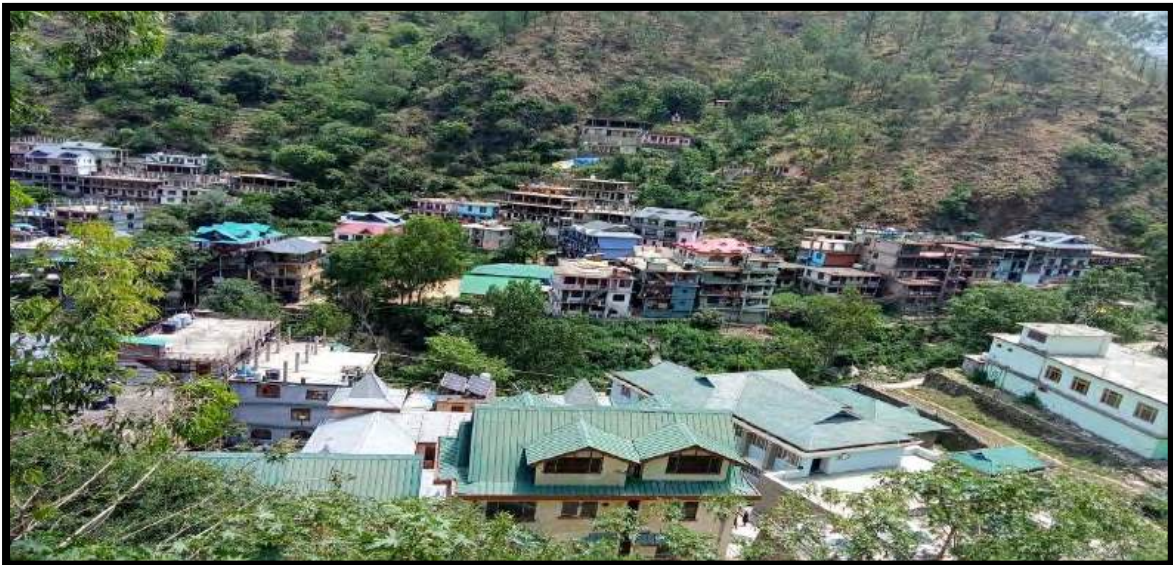




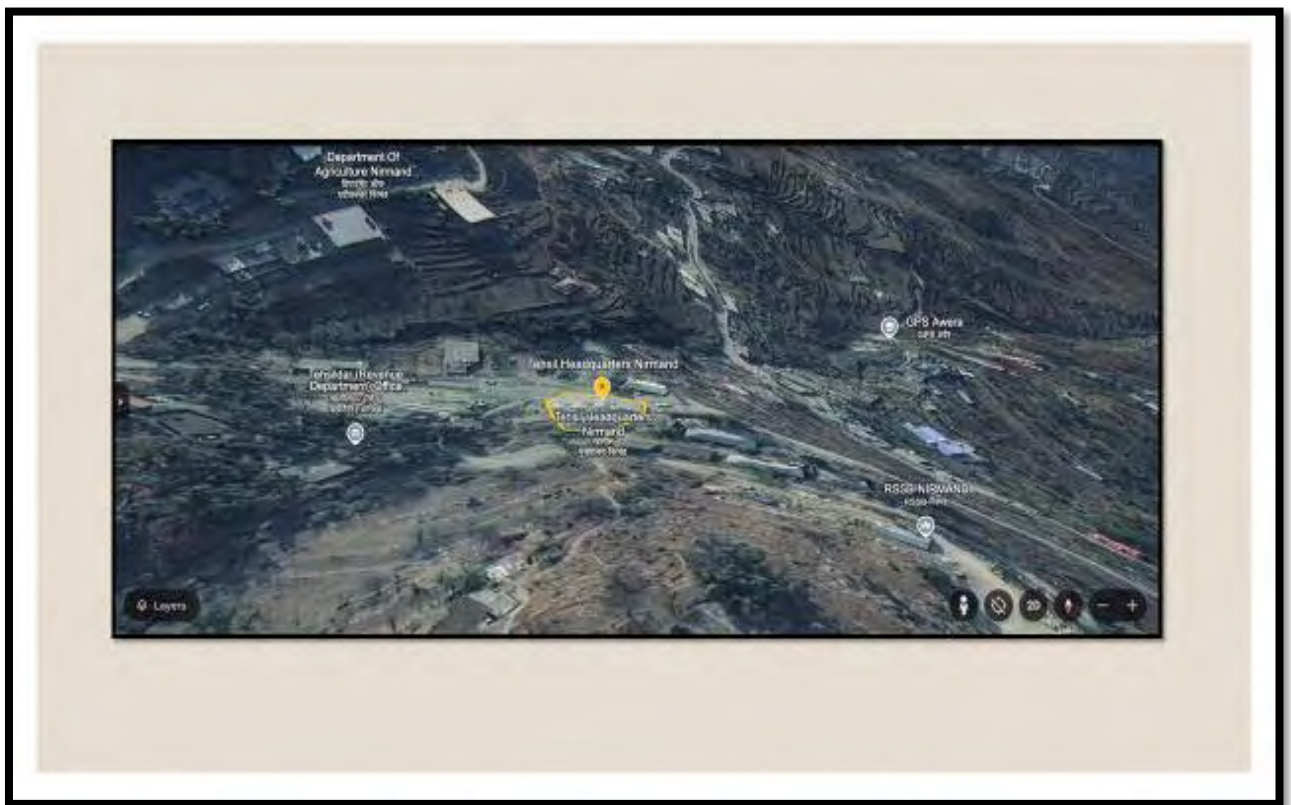
## Sub-Division Banjar











## 7. Participation

- **District Level IRT** and all **Sub-Divisional IRTs** were fully activated
- Participation from key departments: Health, Police, Fire Services, Education, PWD, IPH, HEPs, HPPWD, Home Guards, ITBP, NDRF, and Volunteers
- Community volunteers and school children participated in large numbers at local levels
- Total participants: Approximately **900+ personnel** directly engaged across simulation sites



## 8. Emergency Operation Centre (EOC) & Command Operations

The District Emergency Operation Centre (DEOC), Kullu, was fully activated from 08:30 AM onward. The EOC facilitated real-time communication with all Sub-Divisional Control Rooms, managed coordination through VHF/WhatsApp/Video Conferencing, and ensured Incident Commanders were supported with logistical and operational needs.

Various units under the Incident Response System (Planning, Logistics, Operations, Safety, Documentation, etc.) were established at the designated Staging Area.

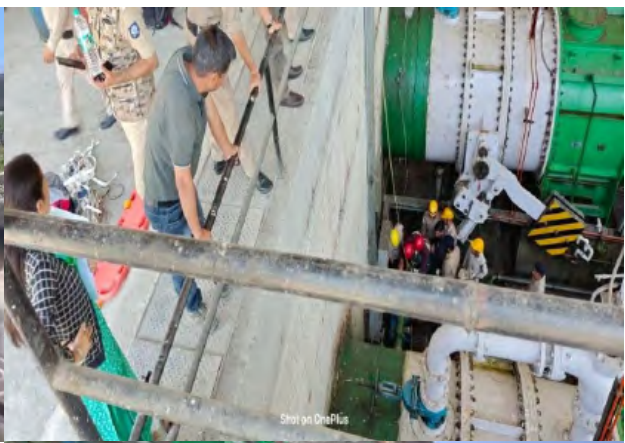




## 9. Visual Documentation















## 10. Media Coverage

# मॉक ड्रिल आज, तैयारियों पर की चर्चा

कुल्लू। जिले में शुक्रवार को होने वाली राज्य स्तरीय मेगा मॉक ड्रिल पर कार्यशाला हुई। बाढ़, आग, तूफान, भूकंप, भूस्खलन आदि आपदाओं, अचानक घटनाओं इमारत ढहने, विस्फोट, गैस रिसाव आदि की स्थिति में आपदा प्रबंधन को लेकर कार्यशाला में अतिरिक्त उपायुक्त कुल्लू अश्वनी कुमार ने आवश्यक दिशा-निर्देश दिए। उन्होंने सभी विभागों को अपनी तैयारियों को अंतिम रूप देने और संयुक्त अभ्यास के लिए तैयार रहने के लिए कहा। संवाद





बंजार कॉलेज में मॉक ड्रिल से राहत और बचाव का अभ्यास

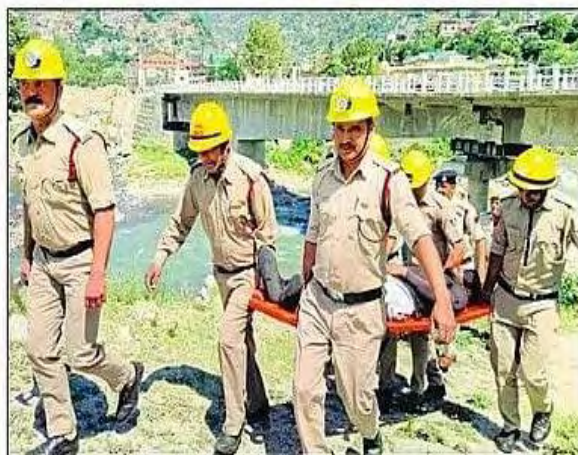
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सब बैंक दिन लखनऊ एन  
कार्यवाहक उपमंडल अधिकारी नीला  
राम की अध्यक्षता में हुई। वार्डन में  
लिफ्टिंग और स्ट्रक को विलकर  
360 लेख है। इनमें 310 को स्थानीय  
उपमंडल अधिकारी नीला राम ने  
बताया कि बैंक दिन के माध्यम से  
लैंग्वेज को जलकर करने के साथ  
अपना को स्थिति के लिए अध्ययन भी  
किया गया।

लोकों की मदद से मुश्किल स्थिति में  
बहुचल रहा। 50 विद्यार्थी भीतर फंसे  
थे। ये भीत के बराबर बोलो तो राह थे।

**कांगड़ा में आए भूकंप के झटकों से कुल्लू में भी हिल गई दीवारें**

**मॉक ड्रिल ... सूचना मिलते ही राहत एवं बचाव कार्य में जुटे सरकारी विभाग**



संवाद न्यज एजेंसी

कुल्लू। कांगड़ा में 8.0 रिक्टर स्केल तीव्रता का भूकंप आ गया। कुल्लू जिला भी इसकी चपेट में आ गया। इस कारण काफी नुकसान हो गया। घटना के बाद क्षेत्र में एंबुलेंस, पुलिस और आपातकालीन वाहनों के सायरन ही सनाई दे रहे थे।

क्षेत्र में सुबह व्यापक स्तर पर रेस्क्यू ऑपरेशन चलाया गया। यह दृश्य जिले में सात जगह आयोजित

मॉक ड्रिल के दौरान देखने को मिला।

दरअसल, जिला कुल्लू में शुक्रवार को एक व्यापक मॉक ड्रिल का आयोजन किया गया। इसका उद्देश्य आपदा प्रबंधन तंत्र की तैयारियों को परख करना था। मॉक ड्रिल का परिदृश्य कांगड़ा जिले में सुबह करीब 9 बजे रिक्टर स्केल पर 8.0 तीव्रता के भूकंप आए पर आधारित था। इसकी चपेट में कुल्लू भी आया। जिले में सीपचसी

तेगुबेहड़ के भवन को नुकसान हुआ, तिब्बतियन बाजार और भूतनाथ पुल को भी क्षति पहुंची।

मनाली के अलेउ और आसपास के क्षेत्र में ग्लोफ (हिमनदीय झील फटने) की स्थिति, निरमंड में तहसील कार्यालय को नुकसान, आनी के नालडरा में रिहायशी भवनों एवं बाजार को नुकसान पहुंचा, बंजार के सिंडंड डेम एनएचपीसी-3 सैंज घाटी और राजकीय महाविद्यालय बंजार के भवन

क्षतिग्रस्त होने पर जैसे परिदृश्य पर पूर्वाभ्यास का आयोजन किया गया। उपायुक्त तोरुल एस रवीश ने बताया कि सुबह करीब 9 बजे कांगड़ा से भूकंप की सूचना के तुरंत बाद सरकारी विभाग हरकत में आ गए। निर्धारित स्थानों पर मॉक ड्रिल का सफलतापूर्वक आयोजन किया गया। उन्होंने कहा कि जिले में भी सात स्थानों पर अलग-अलग हर तरह के परिदृश्य को ध्यान में रखकर मॉक ड्रिल का आयोजन किया गया।



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## **11.Key Learnings**

The 9<sup>th</sup> State-Level Mega Mock Exercise offered multiple insights and learning opportunities for all participating departments and teams. Notable learnings include:

- The IRS structure, when activated in a time-bound and disciplined manner, helps streamline inter-departmental coordination.
- Early activation of DEOC and sub-divisional EOCs is crucial for real-time communication and resource deployment.
- The need for redundancy in communication channels (VHF, I-SAT, WhatsApp) is essential to ensure continuity under failure scenarios.
- Evacuation drills and triage simulations highlighted the importance of on-ground leadership and community involvement.
- School and hospital preparedness require continuous assessment and integration of safety planning.
- Departmental roles and quick mobilization of vehicles and machinery were effective where prior planning and rehearsals were conducted.
- Identified gaps in logistics and reporting documentation will help design better SOPs and checklists for future drills.

These learnings will be integrated into future district-level disaster preparedness planning, training, and mock drills.

## **12. Conclusion**

The Mega Mock Exercise provided valuable insights into the district's preparedness and response capacity in handling large-scale emergencies. It strengthened inter-departmental coordination and public awareness about earthquake risk. Minor gaps identified during the exercise will be addressed through follow-up capacity-building initiatives.





**District Disaster Management Authority**  
**Lahaul & Spiti Himachal Pradesh**



# **Report on 9<sup>th</sup> Edition of the State Mega Mock Exercise on Earthquake**

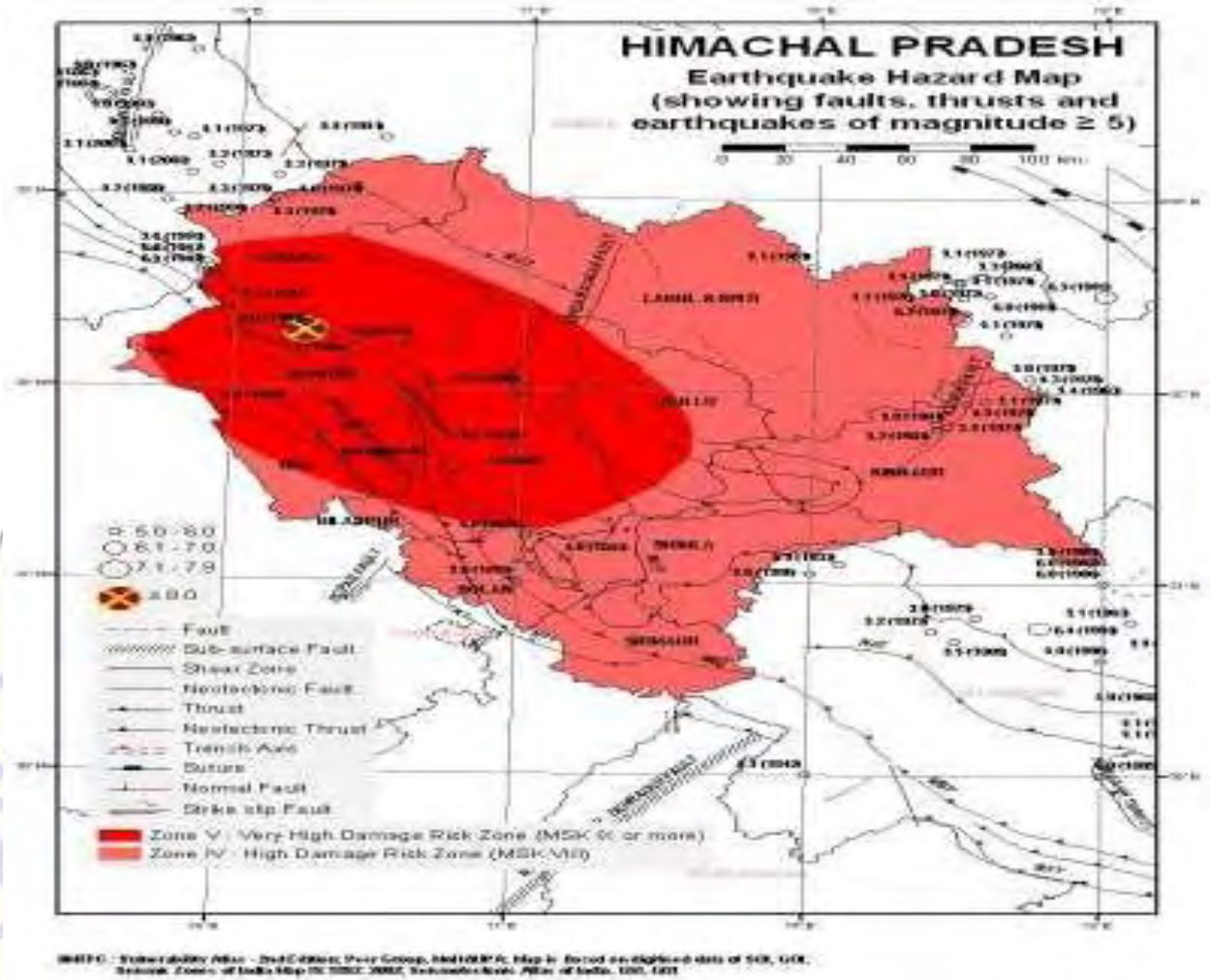
**Date: June 6<sup>th</sup>, 2025**

# लाहौल और स्पीति जिला मानचित्र





## Earthquake Vulnerability in Lahaul & Spiti: A Seismic Zone IV Region



Lahaul and Spiti district in Himachal Pradesh is considered highly vulnerable to earthquakes due to its location in Seismic Zone IV, which is a high damage risk zone. The district is also considered the most exposed to avalanches in the region, and its vulnerability is compounded by factors like steep slopes and unpredictable climate.

## **Regarding Mega Mock Drill**

### **Orientation and Coordination Conference & Table Top Exercise**

As part of the preparedness activities for the **Mega Mock Exercise on Earthquake** scheduled for **June 6, 2025**, a **Coordination Conference and Table Top Exercise (TTX)** was organized on **May 27, 2025**, at the **Himachal Pradesh Secretariat**.

The conference was chaired by the **Director-cum-Special Secretary (Revenue-DM)**, who directed all **Deputy Commissioners** and concerned **line departments** to ensure effective planning and execution of the upcoming mock drill.

The **Table Top Exercise**, held on **June 3, 2025**, was conducted based on simulated scenarios curated and presented by **Maj. Gen. Sudhir Behl**, Senior Consultant, NDMA. Districts participated by responding to these scenarios, highlighting inter-agency coordination and preparedness measures.

A presentation on the **Incident Response System (IRS)** followed, reinforcing roles, responsibilities, and communication protocols.

The focus of the Mega Mock Drill and TTX was on effective response to **earthquake scenarios**, along with managing **secondary hazards** such as **landslides, fires, and flooding**.





**District Disaster Management Authority**  
**(Lahaul & Spiti)**

**मेगा मॉकड्रिल एडवाइजरी**

तारीख: 06 जून 2025,

समय प्रातः 09:00 बजे से दोपहर 01:30 बजे तक

स्थान:- जिला लाहौल-स्पीति, हिमाचल प्रदेश

**आपदा प्रकार:** भूकंप, GLOF (ग्लेशियल लेक आउटबर्स्ट फ्लड), भूस्खलन।

**महत्वपूर्ण सूचना:**

06 जून 2025 को जिला लाहौल एवं स्पीति में एक मेगा मॉकड्रिल आयोजित की जा रही है। इस अभ्यास का उद्देश्य प्राकृतिक आपदाओं के दौरान त्वरित एवं प्रभावी प्रतिक्रिया, जन-जागरूकता में वृद्धि, तथा विभिन्न विभागों के बीच समन्वय को सुदृढ़ बनाना है।

**आपसे अनुरोध:**

- मॉकड्रिल में सक्रिय रूप से भाग लें।
- संबंधित अधिकारियों द्वारा दिए गए सभी दिशानिर्देशों का पालन करें।-
- कृपया घबराएं नहीं, यह केवल एक पूर्व नियोजित अभ्यास है।
- अपने परिवार, पड़ोसियों एवं समुदाय को भी इस अभ्यास की जानकारी दें।

**आपका सहयोग हमारे जिले की आपदा प्रबंधन क्षमता को मजबूत बनाएगा।**

Issued in public interest by the Deputy Commissioner Lahaul and Spiti

**In case of Emergency Please contact**  
**District Disaster Management Authority, District Lahaul & Spiti**  
**on these numbers**  
**+91 94594-61355, 01900 -202509, 510, 517, and Toll Free-1077**

## **Mock Drill as on 06-06-2025**

### **EARTHQUAKE**

#### **GLOF, Landslide& Building damages/ collapsed**

##### **Scenario**

**Mock Drill Scenario: Earthquake, GLOF, Landslide, building collapsed & fire**

**Date:**06-06-2025

**Time:** Starting from 09:00 AM onwards

**Epicenter:**Kangra

##### **09:00 AM – Earthquake Strikes**

A powerful earthquake of magnitude 8.0 strikes with the epicenter in **Kangra**. Sirens and hooters are activated at **DC Office, Keylong**.

People evacuate buildings and gather in **safe open areas** (e.g., DC office ground).

The **District Emergency Operation Centre (DEOC)** is activated.

Information is passed to the **Incident Commander (IC)** for immediate action.

##### **Emergency Operations Centre Activated for Disaster Response**

In response to the devastating earthquake an Emergency Operations Centre (EOC) has been set up in the Conference Hall of the Deputy Commissioners office, at Keylong. The EOC was served as a central hub for coordinating disaster response efforts, bringing together key stakeholders, Incident Response Team and members of the District Disaster Management Authority (DDMA). The DDMA members, Incident Response Team (IRT), and other stakeholders had been gather staging area to response to disaster.



## **IRS Team**

| Sr. No. | IRS Designated Post                    |                        | District Designated Officers  |
|---------|--|------------------------|---|
| 1.      | Planning Wing Head/Responsible Officer |                        | Deputy Commissioner- cum -Chairman, DDMA, Lahaul & Spiti.   |
| 1.      | Incident Commander (District)          |                        | Assistant Commissioner-cum-DEOC-Nodal Officer (For Lahaul & Udaipur )<br>Additional Deputy Commissioner (For Spiti) |
| 1.      | Incident Commander (Sub Division)      |                        | SDM Lahaul/Spiti/ Udaipur   |
| 1.      | Safety Officer                         |                        | DSP L&S   |
| 1.      | Liaison Officer                        |                        | Tehsildar, Keylong  |
| 1.      | Information & Media Officer            |                        | DPRO L&S  |
| 1.      | Officer Section Chief                  |                        | Assistant Commissioner-cum-DEOC-Nodal Officer   |
| 1.      | Staging Area Manager                   |                        | Supt. Grade-II DC Office (Rev. Branch)  |
| 1.      | Response Branch                        |                        | BDO   |
|         | 1                                      | Natural Disaster       | In charge of Home Guard   |
|         | 2                                      | Epidemic & Health      | CMO (District) Officiating  |
|         | 3                                      | Human Induces Disaster | D.I. Police   |
| 1.      | Transport Branch (Road, Air etc.)      |                        | RM HRTC Lahaul & Spiti  |
| 1.      | Planning Section Officer (Chief)       |                        | District Panchayat Officer  |
| 1.      | Resource Unit Leader                   |                        | Agriculture Officer   |
| 1.      | Situation Unit Leader                  |                        | PO DRDA   |
| 1.      | Documentation Unit Leader              |                        | Dy. Director Higher Education   |
| 1.      | Logistic Section Chief                 |                        | Ex. HPPWD   |
|         | 1                                      | Communication          | SDO BSNL  |
|         | 2                                      | Medical                | BMO   |
|         | 3                                      | Food Supply            | DESC -Food Supplies   |
|         | 4                                      | Water/Sanitation       | Ex. JSV   |
| 16.     | Support Branch                         |                        | Ex. HPSEB   |
|         | 1                                      | Resource Provisioning  | SDO, HPPWD Keylong  |
|         | 2                                      | Facility unit          | Tehsil Welfare Officer  |
|         | 3                                      | Ground Support         | SK District. Headquarter  |
| 17.     | Finance Branch Director                |                        | In Charge District Treasury   |
|         | 1                                      | Time unit              | HIMSWAN   |
|         | 2                                      | Relief/ Compensation   | SK District.  |
|         | 3                                      | Procurement            | Relief Assistant  |

## Response Agencies

| Agencies        | Strength               | Location  |
|-----------------|------------------------|---|
| Police          | SP to Constable<br>304 | Police Stations -03<br>Police Posts – 05<br>Police Check Post- 01 |
| Fire Department | 36                     | Fire Sub Station – 02   |
| NDRF            | 08                     | <u>Karga</u>  |
| ITBP            | 31                     | <u>Karga/ Kaza</u>  |
| Home Guard      | 80                     | Head Office- <u>Kullu</u> 7 <sup>th</sup> BN                      |
| <b>Total</b>    | <b>459</b>             |   |

## Volunteers

| Agencies                    | Strength   | Location          |
|-----------------------------|------------|-------------------|
| Task Force Youth Volunteers | 102        | All Sub-Divisions |
| <u>Aapda Mitras</u>         | 100        | All Sub-Divisions |
| <b>Total</b>                | <b>202</b> |                   |

## Satellite Communication Network:

| Sr. No. | Department        | No.                |
|---------|-------------------|--------------------|
| 1.      | Revenue           | 8 (DEOC-SDMs -BRO) |
| 2.      | Police Department | 10 DPCR (HQ/PRS)   |

## Other Wireless Equipment Detail:

| Sr. No. | Type of Equipment                    | Total (No) | Department           |
|---------|--------------------------------------|------------|----------------------|
| 1       | VHF 20 watts                         | 29         | Police<br>Department |
| 2       | Hand Held Set ( <u>Walky Talky</u> ) | 49         |                      |
| 3       | HF Set                               | 12         |                      |
| 4       | V-Sat                                | 06         |                      |

## **Earthquake Scenario Simulation – Keylong (Sub-Division Lahaul)**

A powerful earthquake measuring **8.0 on the Richter scale** was simulated with its epicenter in Kangra. Following the mock quake, two major Search and Rescue (SAR) operations were executed in **Keylong**:

### **a) Old Police Line Building Collapse (Simulation Site – Keylong)**

The Old Police Line building, structurally compromised by the quake, was selected as a key SAR simulation site. The scenario included **multiple individuals trapped under debris**. Quick deployment of responders from **Police, ITBP, NDRF, Fire & Emergency Services, and Home Guards** was carried out. Teams used SAR equipment and thermal sensors to locate and extract the trapped individuals. A **Medical Triage Post** was established nearby to administer first aid and stabilize the injured. Wireless communication systems were utilized to maintain coordination. The exercise effectively tested **inter-agency collaboration, real-time communication, and emergency infrastructure capabilities** in a high-altitude, cold desert environment.

### **b) Residential Housing (RH) Complex Collapse – Keylong**

The RH complex was simulated to have collapsed due to the tremor, resulting in civilian entrapment. Emergency services initiated immediate SAR operations. Teams operated in a coordinated manner using **manual tools, breathing apparatus, and body heat sensors**. A **Medical Post with triage facilities** was functional adjacent to the site. The objective was to assess the **district's preparedness for managing urban collapses** in high-altitude terrain. The drill also evaluated **resource deployment, victim triage, and communication efficiency** among multiple agencies.

## **2. GLOF Scenario – District-Wide Risk Mapping and Preparedness Drill**

In parallel to the earthquake mock exercise, a **Glacial Lake Outburst Flood (GLOF)** awareness and preparedness drill was undertaken, recognizing the serious threat posed by glacial lakes in the district. Prominent lakes and glaciers like **Chandertal, Surajtal, Ghepang Lake, Bara Shigri Glacier, Dhankar Lake, and SamundriTapu** are located in this region. A sudden breach in any of these lakes could lead to catastrophic flash floods, especially affecting downstream villages.

The GLOF simulation covered **31 vulnerable villages**, with focus on high-risk areas including **Sissu, Tandi, Goushal, Thiro, Udaipur, Madgran, and Tindi**. Local authorities carried out risk communication and community mobilization, ensuring dissemination of early warning alerts and response protocols. The objective was to evaluate community-level preparedness, warning system functionality, and immediate evacuation capabilities.

### **Key Outcomes and Learnings**

- Inter-agency coordination between **Police, ITBP, NDRF, Fire, Home Guards, and Health Services** was tested and found effective.
- The SAR drills showcased prompt **resource mobilization** and technical deployment in high-altitude terrain.
- **Medical triage and casualty management systems** were assessed for speed and efficiency.
- **GLOF preparedness** activities helped identify critical vulnerabilities and test **village-level communication and evacuation protocols**.

## District Emergency Operation Centre Lahaul & Spiti

### Site-I

|   |  |     |   |
|---|--|-----|---|
| • | Name of Incident   |     | Earthquake  |
| • | Place of Incident  |     | Old Police line Keylong/ Sub Division Lahaul/ PS Keylong  |
| • | Location of Incident (Lat./long)                           |     | 32°34'12.72"N 77° 2'3.74" E   |
| • | Incident date and time                                     |     | 06-06-2025 & 09:00AM  |
| • | Incident Type  |     | Building Collapsed  |
| • | Detail of losses and damages Human Loss (Name and Address) |     | New information received at DEOC: <b>Old Police Line building in Keylong</b> has collapsed.<br><br><b>And Fire incident reported at building</b><br>Around <b>35 persons are reported trapped</b> in the rubble.<br>The <b>Incident Commander</b> directs <b>Police, Fire, and Ambulance teams</b> to the site.<br>IRT reassembles for reinforcement at ICP and rescue operations intensify.<br>NDRF recovers trapped persons from <b>Old Police Line and RH Keylong buildings</b> .<br>Civil Defense, PWD machinery, and local volunteers mobilize.<br>Injured persons are shifted to RH Keylong for further treatment |
|   | Dead: -  | Nil |   |
|   | Missing: -   | Nil |   |
|   | Stranded: -  | Nil |   |
|   | Injured: -   | 31  |   |
|   | House Damage: - (Pucca/ Katcha)                            | Nil |   |
|   | Cattle Loss:-  | Nil |   |
|   | Cow shed Damaged   | Nil |   |
|   | Agriculture Loss: -  | Nil |   |
|   | PWD  | Nil |   |
|   | Electricity: -   | Nil |   |
|   | Other if any:  | Nil |   |
| • | Detail of disaster response at District level              |     | The Police team, Fire team, Home Guards, NDRF, Medical team, HPSEBL & PWD   |
| • | Support required from HPSDM A                              |     | NA  |



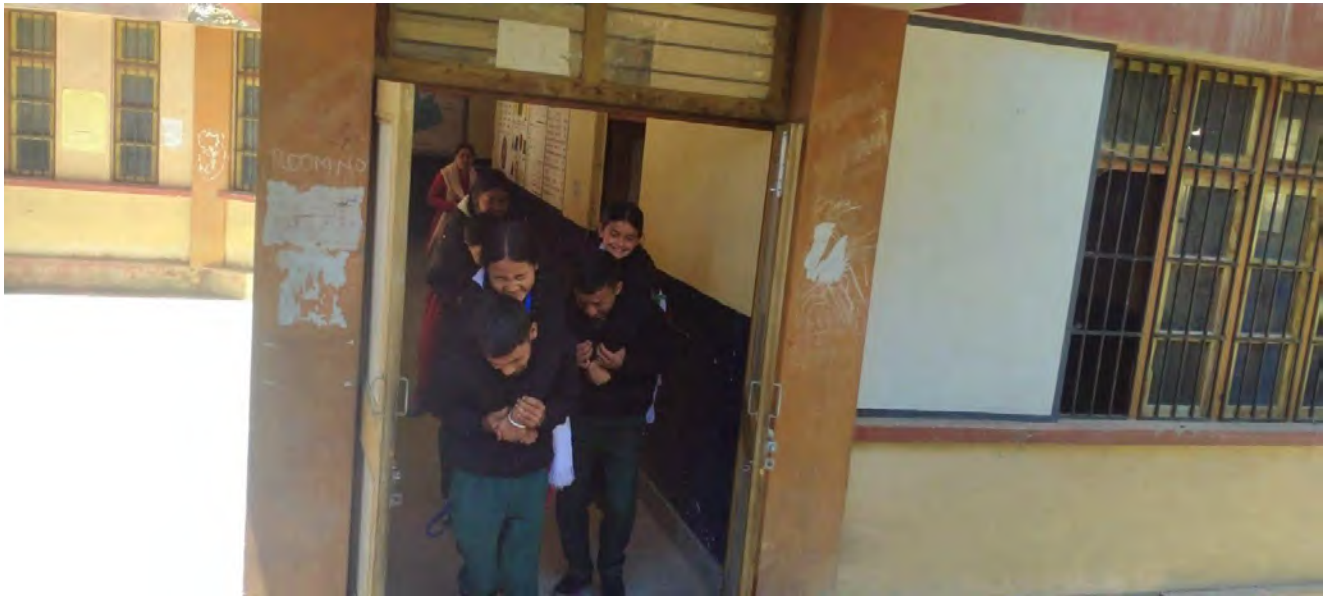


## District Emergency Operation Centre Lahaul & Spiti

### Site-II

|   |  |     |   |
|---|--|-----|---|
| • | Name of Incident   |     | Earthquake  |
| • | Place of Incident  |     | RH Keylong / Sub Division Lahaul/ PS Keylong  |
| • | Location of Incident (Lat./long)                           |     | 32°34'18.67" E 77° 1'24.65"N  |
| • | Incident date and time                                     |     | 06-06-2025 & 10:30AM  |
| • | Incident Type  |     | Building Collapsed  |
| • | Detail of losses and damages Human Loss (Name and Address) |     | Initial reports received of the collapse of one building at RH Keylong, affecting the market and nearby residential areas.  |
|   | Dead: -  | 01  | Initial reports received of the road blocked link road of RH Keylong.<br><br>PWD JCB & Tipper deployed for road clearness<br><br>Team of NDRF & Police team to dispatch incident location for rescue<br><br>Triage are established near the incident site.<br><br>Evacuation of affected residents begins. Injured are moved to temporary relief areas for treatment. |
|   | Missing: -   | Nil |   |
|   | Stranded: -  | Nil |   |
|   | Injured: -   | 05  |   |
|   | House Damage: - (Pucca/ Katcha)                            | Nil |   |
|   | Cattle Loss:-  | Nil |   |
|   | Cow shed Damaged   | Nil |   |
|   | Agriculture Loss: -  | Nil |   |
|   | PWD  | Nil |   |
|   | Electricity: -   | Nil |   |
|   | Other if any:  | Nil |   |
| • | Detail of disaster response at District level              |     | The Police team, NDRF, Medical team & PWD   |
| • | Support required from HP SDM A                             |     | NA  |





## District Emergency Operation Centre Lahaul & Spiti

### Site-III

|   |  |  |
|---|--|--|
| • | Name of Incident   | <b>Earthquake</b>  |
| • | Place of Incident  | Sissu / Sub Division Lahaul/ PS Keylong  |
| • | Location of Incident (Lat./long)   | 32°28'48.75"E 77° 7'35.01"N  |
| • | Incident date and time   | 06-06-2025 & 11:30AM   |
| • | Incident Type  | <b>GLOF</b>  |
| • | Detail of losses and damages<br>Human Loss (Name and Address)<br>Dead: - Nil<br>Missing: - Nil<br>Stranded: - Nil<br>Injured: - 06<br>House Damage: - (Pucca/ Katcha) Nil<br>Cattle Loss:- Nil<br>Cowshed Damaged Nil<br>Agriculture Loss: - Nil<br>PWD Nil<br>Electricity: - Nil<br>Other if any: Nil | <ul style="list-style-type: none"> <li>• A <b>Glacial Lake Outburst Flood (GLOF)</b> is triggered near <b>Sissu</b> due to earthquake-induced glacier destabilization.</li> <li>• The <b>alert comes from a Gaddi (shepherd)</b> in the higher reaches.</li> <li>• A sudden surge of water damages downstream areas and roads, reaching habitations.</li> <li>• Sirens alert local population. <b>Villagers are evacuated to higher ground.</b></li> <li>• Civil Defence, BRO, and Police teams evacuate residents to a <b>Relief Camp area in Sissu.</b></li> <li>• Hospital staff inform DEOC of structural damage and trapped individuals.</li> <li>• At <b>11:45 AM</b>, Fire teams report the situation is beyond their capacity. <b>ITBP assistance is requested.</b></li> <li>• At <b>12:00 AM</b>, water and electricity lines are reported damaged due to landslides near Sissu</li> <li>• DEOC notifies IC, and direction issued to <b>IPH and HPSEB</b> for immediate restoration.</li> </ul> |
| • | Detail of disaster response at District level  | The Police team, ITBP, Medical team, BRO, JSV & HPSEB  |
| • | Support required from HPSDM A  | NA   |





Lahaul & Spiti



## **Sub Division Udaipur**

A Mega Mock Exercise on Earthquake Disaster was conducted on 6th June 2025 at 09:40 AM at Kukumseri, Sub Division Udaipur, District Lahaul & Spiti. The scenario was based on a simulated earthquake of magnitude 8.0 reported by the Indian Meteorological Department at 09:31 AM IST, with its epicenter near Dharamshala in Kangra District (Coordinates: 32.2341N, 76.3182E). Following the earthquake alert, the District Emergency Operation Centre (DEOC) was activated and the Sub Division Emergency Operation Centre (EOC) was established in the Conference Hall of the Sub Divisional Office, Udaipur. Incident Response Teams (IRTs) and all line departments were immediately informed and mobilized. VROs and PRIs relayed the information to the Incident Commander (IC), and initial damage and loss reports were sought through police wireless and walkie-talkies due to assumed breakdown of mobile and landline communication.

At 09:35 AM, sirens were sounded, and evacuation was carried out at Kukumseri College. Search and rescue operations were led by the community response teams, local police, fire services, BRO, and health department officials. The EOC functioned as a command and coordination center, setting up staging areas, command posts, and relief camps. Resource deployment at the staging area included ambulances, mini-trucks, loaders, and other available vehicles. The IRT structure was fully activated, with Planning, Operations, and Logistics Sections functioning under the Incident Response System. Copies of the State Disaster Management Plan were made available at the EOC and shared with all departments and stakeholders.

As per the mock scenario, 40 persons were trapped inside the Kukumseri College campus. All 40 were rescued — 18 were uninjured, 15 had minor injuries, and 4 had major injuries. There were 3 simulated casualties (1 male and 2 females). An immediate relief amount of ₹1,11,000 was disbursed to the affected families. The college building was shown as collapsed. The mock drill officially concluded at 12:50 PM.

Key participants included the Revenue Department (IC: Mr. Ravinder, ParwariMiyadnala), Police Department (IC: ASI Manoj Kumar), and HP Fire Services (IC: Sub Officer Hemraj), along with community volunteers, medical teams from BRO, and support from PWD, JSV, and other line departments. Volunteers and responders acted swiftly, beginning operations by 10:20 AM. The response included crowd control, search and rescue, evacuation, and first aid to the injured. The entire exercise served to assess preparedness, coordination, and the functionality of emergency response systems in a high-risk seismic zone.

## District Emergency Operation Centre Lahaul & Spiti

### Site-IV

|   |  |     |  |
|---|--|-----|--|
| • | Name of Incident   |     | Earthquake   |
| • | Place of Incident  |     | Kukumseri College / Sub Division Udaipur/ PS Udaipur   |
| • | Location of Incident (Lat./long)                           |     | 32°34'18.67" E 77° 1'24.65"N   |
| • | Incident date and time                                     |     | 06-06-2025 & 09:40AM   |
| • | Incident Type  |     | Building Collapsed   |
| • | Detail of losses and damages Human Loss (Name and Address) |     | <p>Community volunteers' response started at 10.00 AM<br/>Further Fire truck reached the location at 10:20 AM along with ambulance Medical Officer and Nursing assistant from BRO, CPLs from BRO also volunteers along with the team reached at 10.25 AM.</p> <p>Volunteers along with rescue team started immediate evacuation of stranded individuals.</p> <p>The response of the team was quick after arriving at the site.<br/>iv) Fire service, home guard, BRO and volunteers took turns to immediate evacuation of injured.<br/>Further got involved in search and rescue operations.<br/>vi) A total of 40 students were reported to be stuck in the building and evacuated at 12:50 AM.</p> |
|   | Dead: -  | 03  |  |
|   | Missing: -   | Nil |  |
|   | Stranded: -  | Nil |  |
|   | Injured: -   | 15  |  |
|   | House Damage: - (Pucca/ Katcha)                            | 01  |  |
|   | Cattle Loss:-  | Nil |  |
|   | Cowshed Damaged  | Nil |  |
|   | Agriculture Loss: -  | Nil |  |
|   | PWD  | Nil |  |
|   | Electricity: -   | Nil |  |
|   | Other if any:  | Nil |  |
| • | Detail of disaster response at District level              |     | Police Team, Fire BRO, PWD JSV Medical team, Home Guard & Volunteers   |
| • | Support required from HPSDM A                              |     | NA   |







## District Emergency Operation Centre Lahaul & Spiti

### Site-V

|   |  |   |  |
|---|--|---|--|
| • | Name of Incident   | <b>Earthquake</b>   |  |
| • | Place of Incident  | Triloknath / Sub Division Udaipur/ PS Udaipur   |  |
| • | Location of Incident (Lat./long)                           | 32°41'5.45" E 76°41'42.96" N  |  |
| • | Incident date and time                                     | 06-06-2025 & 09:45AM  |  |
| • | Incident Type  | <b>Building Collapsed</b>   |  |
| • | Detail of losses and damages Human Loss (Name and Address) | <p>The report of loss as received from the field was 40 persons trapped due to damage of residential building at Triloknath,</p> <ul style="list-style-type: none"> <li>Community response started at 9:45 AM</li> <li>Revenue Department Arrival at site (Time 9:50) Team on reaching the site assemble 11 volunteers &amp; Passed information to DC office.</li> <li>10:15AM Police team reach at Site. Initial response team assessed the situation and called for rescue team. Ensure efficient crowd control A total of 40 individuals (12 Male, 15 Female and 13 kids) 20 persons no injury, 15 persons minor injury and 5 persons major injury shifted to RH Keylong and Rs. 3000/- immediate relief has given to affected families/persons, 1 Residential building collapsed were reported to be stuck in the collapsed building and all the persons evacuated and rescue operations concluded at 12:00 Noon</li> </ul> |  |
|   | Dead: -  |   |  |
|   | Missing: -   |   |  |
|   | Stranded: -  |   |  |
|   | Injured: -   |   |  |
|   | House Damage: - (Pucca/ Katcha)                            |   |  |
|   | Cattle Loss:-  |   |  |
|   | Cow shed Damaged   |   |  |
|   | Agriculture Loss: -  |   |  |
|   | PWD  |   |  |
|   | Electricity: -   |   |  |
|   | Other if any:  |   |  |
| • | Detail of disaster response at District level              | Police Team, Medical team, PWD & Volunteers   |  |
| • | Support required from HP SDM A                             | NA  |  |





## District Emergency Operation Centre Lahaul & Spiti

### Site-VI

|   |   |  |   |
|---|---|--|---|
| • | Name of Incident  | <b>Earthquake</b>  |   |
| • | Place of Incident   | CH Udaipur / Sub Division Udaipur/ PS Udaipur                            |   |
| • | Location of Incident (Lat./long)                              | 32°43'33.64" E 76°39'43.10"N   |   |
| • | Incident date and time  | 06-06-2025 & 09:35AM   |   |
| • | Incident Type   | <b>Building Collapsed</b>  |   |
| • | Detail of losses and damages<br>Human Loss (Name and Address) | Community volunteers' response started at 09.35 AM                       |   |
|   | Dead: -   | Nil  | <ul style="list-style-type: none"> <li>09:40am Revenue team reach the incident site &amp; Could assemble 12 volunteers. Further information passed to DC office.</li> <li>10:15am the additional of Police team also dispatched incident site. Police team arrived at the location and checked for volunteers. Total 8 volunteers have been identified on the spot. Team informed the situation on RS and further for backup. Volunteers have been involved in initial rescue.</li> <li>Fire &amp; Medical team were reported that 20 patients present in the hospital Measures to ensure water is drained out through pump were also undertaken by the fire department. Rescue team immediately shifted the patients on the ground floor towards the high floors 5 patients requiring immediate medical attention have been shifted to KH Keylong The report of loss as received from the field was 20 persons trapped at ground floor at CH Udaipur, 20 persons Rescued, (12 Male, 6 Female and 2 kids) 5 persons no injury, 10 persons minor injury and 5 persons major injury shifted to RH Keylong and Rs. 3000/-immediate relief has given to affected families/persons, I ground floor flooded at CH building Udaipur Further got involved in search and rescue operations. Rescue operations concluded at 12:30 AM</li> </ul> |
|   | Missing: -  | Nil  |   |
|   | Stranded: -   | Nil  |   |
|   | Injured: -  | 15   |   |
|   | House Damage: - (Pucca/ Katcha)                               | Nil  |   |
|   | Cattle Loss:-   | Nil  |   |
|   | Cow shed Damaged  | Nil  |   |
|   | Agriculture Loss: -   | Nil  |   |
|   | PWD   | Nil  |   |
|   | Electricity: -  | Nil  |   |
|   | Other if any:   | Nil  |   |
| • | Detail of disaster response at District level                 | Police Team, Fire Team, Medical team, PWD, BRO, JSV, HPSEBL & Volunteers |   |
| • | Support required from HPSDM A                                 | NA   |   |





AUTHORITY

## **Sub Division Kaza**

A coordination meeting was convened under the chairmanship of the **Worthy SDM, Spiti** on **4th June 2025** at 11:00 AM at the SDM Office, Kaza, to review and finalize preparations for the **State Level Mega Mock Exercise on Earthquake** scheduled to be conducted on **6th June 2025**.

### **Key Objectives of the Exercise:**

- To assess disaster preparedness and inter-agency coordination.
- To simulate a realistic response mechanism in the event of a high-magnitude earthquake.
- To evaluate communication, logistics, medical readiness, and rescue capabilities.

### **Identified Mock Incident Locations:**

1. **Munsling School, Rangrik**
2. **Kee Monastery, Kee**
3. **Government Senior Secondary School, Kaza**

### **Roles and Responsibilities Assigned:**

| <b>Official / Department</b>                     | <b>Designation / Role</b>               |
|--|---|
| <b>DSP, Kaza</b>                                 | Safety Officer                          |
| <b>NaibTehsildar, Kaza</b>                       | Liaison Officer                         |
| <b>Superintendent Grade-II</b>                   | Staging Area Manager                    |
| <b>BDO Kaza, BMO Kaza&amp; DSP Kaza</b>          | Response Branch Coordinators            |
| <b>HRTC</b>                                      | Transport Facility In-charge            |
| <b>Agriculture Officer</b>                       | Resource Unit Leader                    |
| <b>Executive Engineer, I&amp;PH</b>              | Documentation Unit Leader               |
| <b>Executive Engineer, HPPWD</b>                 | Logistics Section Chief                 |
| <b>Junior Engineer, BSNL</b>                     | Communication Support                   |
| <b>BMO, Kaza</b>                                 | Medical Facility In-charge              |
| <b>Food &amp; Civil Supplies Officer</b>         | In-charge of Food Supplies              |
| <b>APRO (Assistant Public Relations Officer)</b> | Photo & Video Coverage at Kaza Site     |
| <b>VRO (Village Revenue Officer)</b>             | Photo Coverage at Rangrik and Kee Sites |



### General Instructions:

1. **All officers and officials are directed to ensure their presence on 06th June 2025 at 09:00 AM sharp at the ADC Office Complex, Kaza.**
2. Departments must ensure that all field staff and resources are ready and available at the designated sites.
3. Advance coordination and communication between departments is essential to avoid any confusion on the day of the exercise.
4. The APRO will ensure comprehensive photo and video documentation of the incident at **Kaza**, while the **VROs** will carry out the same duties at **Rangrik** and **Kee**.
5. Departments must conduct internal dry runs wherever feasible.
6. Emergency kits, rescue tools, medical supplies, and transportation should be pre-positioned at all mock sites.
7. Public announcements and sensitization activities must be carried out to avoid panic.
8. Communication networks (including wireless and mobile) must be checked in advance for functionality.
9. **All Heads of Departments are directed to submit a detailed report of their activities and observations** after the completion of the mock drill.

### Response Team Composition:

| Department                   | Primary Responsibility                                      |
|------------------------------|---|
| Police Department            | Evacuation, law & order, and crowd control                  |
| Health Department            | First aid, triage, medical treatment, and ambulance support |
| Fire Services                | Rescue operations, fire suppression, and safety assurance   |
| HPPWD                        | Structural assessment, logistics, road clearance            |
| I&PH                         | Water supply and sanitation, documentation coordination     |
| Education Department         | School evacuation drills and student safety awareness       |
| Rural Development & PR Dept. | Community coordination and response at village level        |
| Agriculture Department       | Resource management   |
| Food & Civil Supplies        | Food and ration arrangements                                |
| BSNL                         | Communication infrastructure and connectivity               |
| HRTC                         | Transportation logistics for personnel and mock casualties  |
| Local NGOs / Volunteers      | Evacuation support, awareness generation, basic assistance  |

The Worthy SDM emphasized the importance of full preparedness, inter-departmental cooperation, and timely action. He instructed all concerned to treat this exercise with utmost seriousness as it will serve as a critical evaluation of the region's disaster management capabilities.

The meeting concluded with a note of encouragement and appreciation for the proactive participation of all stakeholders.



## District Emergency Operation Centre Lahaul & Spiti

### Site-VII

|   |  |     |   |
|---|--|-----|---|
| • | Name of Incident   |     | Earthquake  |
| • | Place of Incident  |     | Kaza Village / Sub Division Spiti/ PS Kaza  |
| • | Location of Incident (Lat./long)                           |     | 32°13'40.41"E 78° 4'3.49"N  |
| • | Incident date and time                                     |     | 06-06-2025 & 09:00 AM   |
| • | Incident Type  |     | Landslide   |
| • | Detail of losses and damages Human Loss (Name and Address) |     | Community volunteers' response started at 09.30 AM<br>Reported that around 150 person trapped.<br>09:35 am Team moved to incident site with SAR vehicle & Ambulance<br>10:09am SAR team rescued 85 persons (50 Male & 35 Female). In which 12 Minor injuries first aid given on the spot & 8 Major injuries admitted to Hospital.<br>10:20am all remaining 65 persons (35 Male & 30 Female) all are fine.<br>All other 142 persons safely rescued & sent to Relief camp |
|   | Dead: -  | Nil |   |
|   | Missing: -   | Nil |   |
|   | Stranded: -  | Nil |   |
|   | Injured: -   | 20  |   |
|   | House Damage: - (Pucca/ Katcha)                            | Nil |   |
|   | Cattle Loss:-  | Nil |   |
|   | Cow shed Damaged   | Nil |   |
|   | Agriculture Loss: -  | Nil |   |
|   | PWD  | Nil |   |
|   | Electricity: -   | Nil |   |
|   | Other if any:  | Nil |   |
| • | Detail of disaster response at District level              |     | Police Team, ITBP, Medical team, PWD, BRO, JSV, HPSEBL & Volunteers   |
| • | Support required from HP SDM A                             |     | NA  |





## District Emergency Operation Centre Lahaul & Spiti

### Site-VIII

|   |  |  |  |
|---|--|--|--|
| • | Name of Incident   | <b>Earthquake</b>  |  |
| • | Place of Incident  | Kee Village / Sub Division Spiti/ PS Kaza  |  |
| • | Location of Incident (Lat./long)                           | 32°17'35.05"E 78° 0'44.65"N  |  |
| • | Incident date and time                                     | 06-06-2025 & 09:35AM   |  |
| • | Incident Type  | <b>Earthquake</b>  |  |
| • | Detail of losses and damages Human Loss (Name and Address) | <p>Community volunteers' response started at 09.30 AM<br/> Reported that around 35 person trapped.<br/> 09:35 am Team moved to incident site with SAR vehicle &amp; Ambulance<br/> 10:05am SAR team rescued 26 persons (14 Male &amp; 12 Female). In which 06 Minor injuries first aid given on the spot &amp; 4 Major injuries admitted to Hospital.<br/> 10:15am all remaining 09 persons (06 Male &amp; 03 Female) all are fine.<br/> All other 21 persons safely rescued &amp; sent to Relief camp</p> |  |
|   | Dead: -  |  |  |
|   | Missing: -   |  |  |
|   | Stranded: -  |  |  |
|   | Injured: -   |  |  |
|   | House Damage: - (Pucca/ Katcha)                            |  |  |
|   | Cattle Loss:-  |  |  |
|   | Cow shed Damaged   |  |  |
|   | Agriculture Loss: -  |  |  |
|   | PWD  |  |  |
|   | Electricity: -   |  |  |
|   | Other if any:  |  |  |
| • | Detail of disaster response at District level              | Police Team, ITBP, Medical team, PWD, BRO, JSV, HPSEBL & Volunteers  |  |
| • | Support required from HPSDM A                              | NA   |  |





## District Emergency Operation Centre Lahaul & Spiti

### Site-IX

|   |  |     |   |
|---|--|-----|---|
| • | Name of Incident   |     | Earthquake  |
| • | Place of Incident  |     | Rangrik Village / Sub Division Spiti/ PS Kaza   |
| • | Location of Incident (Lat./long)                           |     | 32°15'20.93" E 78° 1'28.32"N  |
| • | Incident date and time                                     |     | 06-06-2025 & 09:35AM  |
| • | Incident Type  |     | Landslide & Building Collapsed  |
| • | Detail of losses and damages Human Loss (Name and Address) |     | Community volunteers' response started at 09.30 AM<br>Reported that around 07 person trapped.<br>09:35 am Team moved to incident site with SAR vehicle, JCB & Ambulance<br>10:00am SAR team rescued 07 persons (05 Male & 02 Female). In which 07 Minor injuries first aid given on the spot.<br>.<br>All 07 persons safely rescued & sent to Relief camp |
|   | Dead: -  | Nil |   |
|   | Missing: -   | Nil |   |
|   | Stranded: -  | Nil |   |
|   | Injured: -   | 10  |   |
|   | House Damage: - (Pucca/ Katcha)                            | Nil |   |
|   | Cattle Loss:-  | Nil |   |
|   | Cow shed Damaged   | Nil |   |
|   | Agriculture Loss: -  | Nil |   |
|   | PWD  | Nil |   |
|   | Electricity: -   | Nil |   |
|   | Other if any:  | Nil |   |
| • | Detail of disaster response at District level              |     | Police Team, Medical team, PWD, BRO, JSV, HPSEBL & Volunteers   |
| • | Support required from HPSDM A                              |     | NA  |









लाहौल के केलांग में मॉक ड्रिल के दौरान रेस्क्यू अभियान के दौरान कर्मी। सयांग

# घाटी में आया भूकंप, आग लगने पर भी बजा सायरन

संवाद न्यूज एजेंसी

केलांग (लाहौल-स्पीति)। जिले में नौ जगह मॉक ड्रिल का आयोजन किया गया। शुक्रवार सुबह सायरन बजते ही सभी विभाग हरकत में आ गए। मुख्यालय में उपायुक्त एवं जिला आपदा प्रबंधन प्राधिकरण की अध्यक्ष किरण भड़ाना ने सभी टीम को आपदा प्रक्रिया संबंधी निर्देश दिए।

अलग-अलग स्थानों में भूकंप के कारण एक भवन गिरने और आग लगने की सूचना मिलती है। इस पर एनडीआरएफ, आईटीबीपी, पुलिस, होम गार्ड जवान और एंबुलेंस तुरंत

## लाहौल-स्पीति में नौ जगह हुई मॉक ड्रिल, लोगों को जागरूक किया

मौके पर पहुंची। राहत एवं बचाव कार्य शुरू किया गया। घटना स्थल पर क्षतिग्रस्त भवन से घायलों को निकाला गया। उपायुक्त ने बताया कि उदयपुर उपमंडल में तीन जगह पूर्व निर्धारित परिदृश्य अनुसार आपदाएं दर्शाई गईं।

उदयपुर और त्रिलोकीनाथ में रिहायशी भवन गिरने और कुकमसेरी कॉलेज में भूकंप से भवन ढहने की सूचना मिली थी। उपायुक्त ने बताया कि राज्य आपदा प्रबंधन प्राधिकरण के

निर्देशानुसार शुक्रवार को जिले भर में मॉक ड्रिल का सफल आयोजन किया गया।

उधर, कार्यकारी अतिरिक्त उपायुक्त एवं अध्यक्ष आपदा प्रबंधन प्राधिकरण काजा शिखा ने बताया कि काजा उपमंडल में 3 जगह मॉक ड्रिल की गई। उपमंडल मुख्यालय में भूकंप आने से आठ लोग गंभीर रूप से घायल और 12 को चोटें आ गईं। सूचना मिलते ही भारतीय तिब्बत सीमा पुलिस और पुलिस ने सुरक्षित रेस्क्यू अभियान चलाकर एंबुलेंस के माध्यम से अस्थायी राहत शिविर काजा में लाकर घायलों का उपचार करवाया।

# **Report on 09<sup>th</sup> State-Level Mega Mock Exercise on Earthquake Conducted on 06th June, 2025 by NDMA in coordination with HPSDMA**

## **Report by: DDMA Mandi**

### **1. Background & Objective**

The National Disaster Management Authority (NDMA), in collaboration with Himachal Pradesh State Disaster Management Authority (HPSDMA), conducted 09<sup>th</sup> State-Level Mega Mock Exercise on Earthquake on **06th June, 2025** across all twelve districts of Himachal Pradesh. The objective of the mock drill was to assess the preparedness and response capabilities of various departments and agencies, identify gaps in planning and coordination, and enhance inter-departmental and community-level response mechanisms.

### **2. Scenario & Activation**

A **simulated earthquake of magnitude 8.0 on the Richter Scale** was staged at **09:00 AM**, impacting several parts of the state. Sirens and Public Address Systems were activated, followed by triggering of the Incident Response System (IRS) at the District and Sub-Divisional levels.

The District Emergency Operation Centre (EOC) Mandi was activated immediately, and response activities were coordinated through the Incident Command Posts (ICPs) and staging areas.

### **3. Departmental Participation**

All **line departments** and **response agencies** actively participated in the mock drill:

#### **a) Himachal Pradesh Public Works Department (HPPWD)**

- Conducted rapid damage assessment of critical infrastructure like roads and bridges.
- Mobilized machinery to clear debris and opened emergency routes.

#### **b) Jal Shakti Vibhag (I&PH Department)**

- Carried out inspection of water supply systems for any damage.
- Ensured continuity of drinking water services in affected areas.

#### **c) Himachal Pradesh State Electricity Board (HPSEB)**

- Conducted mock restoration of damaged power lines.

- Ensured power supply to critical facilities such as hospitals and EOCs.

#### **d) Education Department**

- Executed earthquake evacuation drills in schools.
- Teachers and staff acted as first responders ensuring safety of children.

#### **e) Horticulture and Agriculture Departments**

- Assessed impact on rural infrastructure and stored produce.
- Coordinated with DDMA for damage estimation and farmer advisories.

**PRIs, Aapda Mitra, Youth Volunteers and NGOs also participated in the Mega Mock Exercise.**

### **4. Participation of Response Agencies.**

#### **a) National Disaster Response Force (NDRF)**

- Conducted search and rescue (SAR) demonstrations in collapsed structures.
- Deployed canine squads and medical triage units.

#### **b) Himachal Pradesh State Disaster Response Force (HPSDRF)**

- Carried out live rescue operations with rope and cutting equipment.
- Assisted in evacuation and first aid response.

#### **c) Fire Services & Home Guards**

- Performed fire suppression and hazardous material containment.
- Home Guards managed crowd control and provided support in rescue.

#### **d) Himachal Pradesh Police**

- Secured the perimeter of affected areas.
- Facilitated emergency vehicle movement and law and order.

### **5. District Incident Response Teams (DIRTs)**

The **District Incident Response Teams (DIRTs)**, including the Incident Commander, Operations, Planning, and Logistics Chiefs, were fully activated. They ensured prompt execution of the Incident Action Plan (IAP), real-time coordination, and rapid resource mobilization. Each team functioned from the **Incident Command Post (ICP)** set up at strategic locations.



**Simulation sites and scenarios w.r.t District Mandi**

| <b>Sr<br/>No</b> | <b>Name of<br/>Sub- Division</b> | <b>Scenarios</b>                          | <b>Name of Mock Drill Site</b>                   |
|------------------|----------------------------------|---|--|
| <b>1</b>         | <b>Sadar</b>                     | <b>Market complex</b>                     | <b>Indira Market</b>                             |
|                  |                                  | <b>Hospital System Overload</b>           | <b>Zonal Hospital</b>                            |
| <b>2</b>         | <b>Kotli</b>                     | <b>Community Response</b>                 | <b>Govt. Segree College Kotli</b>                |
| <b>3</b>         | <b>Dharampur</b>                 | <b>Flood</b>                              | <b>Son Khad Dharampur</b>                        |
| <b>4</b>         | <b>Sarkaghat</b>                 | <b>Building Collapse due to<br/>EQ</b>    | <b>Village Ghaunta , Sub Tehsil<br/>Bhadrota</b> |
| <b>5</b>         | <b>Padhar</b>                    | <b>Landslide</b>                          | <b>Narla</b>                                     |
| <b>6</b>         | <b>Sundernagar</b>               | <b>EQ/ Canal Breach</b>                   | <b>BSNL Office and Residential colony</b>        |
| <b>7</b>         | <b>Balichowki</b>                | <b>Flash Flood</b>                        | <b>Near Taxi Stand<br/>(New Bridge)</b>          |
| <b>8</b>         | <b>Karsog</b>                    | <b>Fire</b>                               | <b>Govt. Degree College Karsog</b>               |
| <b>9</b>         | <b>Jogindernagar</b>             | <b>Hydro Project Damage</b>               | <b>Near Bassi Powerr House</b>                   |
| <b>10</b>        | <b>Thunag</b>                    | <b>School Building Collapse</b>           | <b>GSSS Thunag</b>                               |
| <b>11</b>        | <b>Gohar</b>                     | <b>Govt. Office Building<br/>Collapse</b> | <b>SDM Office Gohar</b>                          |
| <b>12</b>        | <b>Balh</b>                      | <b>Flooding/ Relief</b>                   | <b>SDM Office Balh</b>                           |

## Photographs of Mega Mock Exercise conducted in District Mandi

**अमर उजाला**



सूचना एवं जन सम्पर्क  
Information & Public Relations  
Government of Himachal Pradesh



जोगिंदरनगर के बस्सी प्रोजेक्ट में हुए हादसे में घायलों को रेस्क्यू कर ले जाते दमकल कर्मी। संवाद

# बस्सी प्रोजेक्ट में फटा पेन स्टॉक फंसे कर्मचारी किए गए रेस्क्यू

संवाद न्यूज एजेंसी

जोगिंदरनगर (मंडी)। दिन : शुक्रवार, समय : पूर्वाह्न 11:25 बजे। अचानक बस्सी विद्युत परियोजना में सायरन की आवाज सुनते ही कर्मचारियों में अफरा तफरी मच गई। प्रशासन की अगुवाई में जब दमकल, पुलिस और एनडीआरएफ की टीमों की चहलकदमी शुरू हुई तो पता चला कि प्रोजेक्ट में हादसा हो गया है। करीब 11:40 बजे प्रोजेक्ट के अंदर रेस्क्यू टीमों ने प्रवेश किया।

टीम ने सात घायलों को पावर हाउस के बाहर पहुंचाया। यहां घायलों को उपचार दिलाने के लिए बेस कैम्प में मौजूद चिकित्सकों ने उपचार किया। पता चला कि हादसे में एक कर्मचारी की मौत हो गई। धवरएं नहीं... यह सिर्फ काल्पनिक घटना थी। आपदा से निपटने के लिए अभ्यास किया गया।

आपदा से निपटने की तैयारी जांचने के लिए शक्रवार सबह मेगा मॉक डिल करवाई गई। डिल

प्रशासन की अगुवाई में आपदा से निपटने का किया अभ्यास

में दोपहर 12 बजे हादसे में घायल कर्मचारियों को आगामी उपचार के लिए जोगिंदरनगर अस्पताल पहुंचाया गया।

विशेषज्ञ चिकित्सक डॉ. विजेंद्र ने घायलों को उपचार दिया। दोपहर 12:10 बजे बस्सी परियोजना के आर्खी दीप्ति भट्ट ने बताया कि अचानक पेन स्टॉक के क्षतिग्रस्त होने से प्रोजेक्ट के पावर हाउस में पानी का तेज बहाव और मलबा घुस जाने से यह हादसा हुआ है।

इस संबंध में रेस्क्यू चलाकर अभ्यास किया गया। एसडीएम मनीश चौधरी ने बताया कि बस्सी प्रोजेक्ट में हादसे की जानकारी मिलते ही तहसीलदार डॉ. मुकुल अनिल शर्मा, नायब तहसीलदार विनय राणा, दमकल एनडीआरएफ और स्वास्थ्य विभाग की टीम के साथ घटना स्थल पर पहुंचे।

**लाइव**





## सायरन... दनदनाती गाड़ियां... भौचक्के रह गए लोग, और प्रशासन ने कर ली मॉक ड्रिल

जिला और उपमंडल मुख्यालयों में भूकंप, भूस्खलन, आग लगने की घटनाओं से निपटने का किया अभ्यास

संवाद न्युज एजेंसी

मंडी/सुंदरनगर/घघर/कोटली/धर्मपुर। जिला और उपमंडल मुख्यालयों में शुक्रवार सुबह लोक 9:00 बजे अचानक सायरन की आवाज सुनकर हर कोई दंग रह गया कि अखिर क्या हुआ। दनदनाती गाड़ियां और प्रशासनिक अधिकारियों की आवाजाही... ऐलुलस के सायरन सुनकर लोग एक दूसरे को पूछते नजर आए। बाद में पता चला कि जिले में भूकंप जैसी आपदा से निपटने के लिए आयोजित प्रशिक्षण प्लान को धरातल पर परखने के लिए मेग मॉक ड्रिल हो रही है।

सुबह 9:00 बजे मेग मॉक ड्रिल का आलर्ट मिलते ही आपदा प्रबंधन से संबंधित सभी अधिकारी जिला आपदा निबंधन कक्ष पहुंचे। उपपुत्र आर्यु देवान की देखरेख में यह कक्ष सक्रिय किया गया। भूकंप जैसी प्रकृतिक आपदाओं के दौरान बचाव एवं राहत कार्यों को सुनिश्चित एवं कारगर ढंग से अंजाम देने के अभ्यास किया गया।

मंडी शहर में इंडिया मार्केट पॉइन्टर और शेरीय अस्पताल मंडी में कालाटनिक चरित्र नगर फिर कर। घड़ुडल मैदान में स्ट्रेजिग एरिया बनाया गया। इसमें इंसिडेंट कमान्डर एसडीएम सदर रविंद्र कौर और इंडियन आर्मी के पर्यवेक्षक इवलदार रमेश सिंह शामिल हुए। बहालीवकी में नर पुल के पास टेक्सी स्टैंड के समीप अचानक आई बाढ़, पथर के बरस के भूस्खलन, बाढ़ के कंसा चौक में बाढ़ आने, सुंदरनगर में सीएमएनएल कार्गिल के पास भूकंप से नहर का टूटने का दृश्य बनता हुए मॉक ड्रिल की गई।



■ धर्मपुर में खेत खड़ब में बाढ़ आने, कस्बे में दिवंगत कोने में आग की घटना, धुना में भूकंप से राजकीय चरित्र सार्वजनिक पाठशाला भवन के क्षतिग्रस्त होने, कोटली में भूकंप के कारण दिवंगत कोने भवन के क्षतिग्रस्त होने, साकपाट उपमंडल में गाँव गांव में भूकंप के क्षतिग्रस्त होने तथा घेहर में भूकंप के कारण एसडीएम कार्यालय भवन को क्षति होने पर सिमस समय समेत अन्य सभी चीजों का जांचा गया।

■ ड्रिल में संबंधित विभागों के अधिकारियों के अलावा एनडीआरएफ, एसडीआरएफ, आपदा मित्री, क्वार्टरल स्वयंसेवकों, गृहशक्तों, विभिन्न गैर सरकारी संगठनों ने आईआरएम प्रणाली के तहत कार्य किया। उपर, उपपुत्र एवं जिला आपदा प्रबंधन प्रतिक्रिया के अलावा आर्यु देवान ने बताया कि मॉक ड्रिल में शामिल सभी बचाव एवं राहत कार्यों को सक्षम अंकलन करें। भविष्य में इनमें और सुधार को संपादन की दिशा में कार्य करें।

मंडी में भूकंप जैसी आपदा से निपटने के लिए आयोजित मेग मॉक ड्रिल में छाया व्यक्ति को रस्सी से झरती राहत दान का सदस्य। संवाद



मंडी में मॉक ड्रिल के दौरान छाया व्यक्ति का सीटी स्वीन करते दिखिरसक। संवाद



मंडी में भूकंप जैसी आपदा से निपटने के लिए आयोजित मेग मॉक ड्रिल में छाया व्यक्ति को राहत दान का सदस्य। संवाद



मंडी में भूकंप जैसी आपदा से निपटने के लिए आयोजित मेग मॉक ड्रिल में छाया व्यक्ति को सीटी से उत्तरा राहत दान का सदस्य। संवाद







## Glimpse of Mock Exercise in District Mandi





# **09<sup>th</sup> Mega Mock Exercise on Earthquake Scenario**

District- Shimla, Himachal Pradesh

Date: 06<sup>th</sup> June, 2025

Organised by District Disaster Management Authority in Collaboration with Himachal Pradesh State Disaster Management Authority, Shimla

## **Introduction:**

District Shimla is highly prone to earthquake as whole of the district falls under seismic zone IV and V. The geo-climatic conditions, along with the anthropogenic factors (unplanned urbanisation, illegal construction) are aggravating the current situation.

### **BRIEF OVERVIEW OF DISTRICT SHIMLA**



- ▶ **12 SUB DIVISIONS**
- ▶ **13 BLOCKS**
- ▶ **412 GRAM PANCHAYATS**

- **Aim & Objective of mock drill:**

The primary objective of organising mock drill is to test and improve the preparedness and response capacity of the District in wake of a real time situation in respect of earthquake. The Secondary objective is to identify gaps in existing District and Sub-Divisional Disaster Management Plans, to assess the effectiveness of communication and coordination systems, to educate and train personnel on earthquake safety procedures and also to build confidence and reduce anxiety among community.



- **Details of Mega Mock Exercise :**

As per assumed scenario, the Earthquake of 8.0 Mw occurred in the State of Himachal Pradesh and immediately District Emergency operation Center, Shimla was activated at 09:30 AM and thereafter, three sections were established at the District Emergency Operation Center (Table: 1). All the stakeholders / Sub-Divisional Magistrates were informed about the event through satellite phones and police wireless communication system. The concerned officers/ officials assembled in the District Emergency Operation Centre (DEOC) and the situation was assessed. The departments and response agencies were directed to gather the resources in terms of men and equipments. After assessing the situation it was found that all the Sub-Divisions were severely affected (Table:2)

**Table 1**

| Sr. No. | Sections          |
|---------|-------------------|
| 1.      | Operation section |
| 2.      | Planning section  |
| 3.      | Logistic Section  |

**Table 2: Affected Sub-Divisions due to Earthquake of Magnitude >8 on Richter scale**

| Sr. No. | Sub-Divisions | Aftermath of Earthquake   | Response Agencies  |
|---------|---------------|---|--|
| 1       | Shimla Urban  | Fire Incident at Vikas Nagar Petrol Pump.<br>GGSSS Portmore Building Collapse | Fire Services & Home Guard & Civil Defense 03 <sup>rd</sup> BN, Shimla |
| 2       | Sunni         | Flood at Kalighat   | Home Guard & Civil Defense 03 <sup>rd</sup> BN, Shimla                 |
| 3       | Theog         | Landslide at Chhaidala  | Army & Home Guard & Civil Defense 03 <sup>rd</sup> BN, Shimla          |
| 4       | Kotkhai       | Landslide in the surrounding area of HRTC Bus Stand                           | Home Guard & Civil Defense 02 <sup>nd</sup> BN, Shimla                 |
| 5       | Jubbal        | Landslide in the Market Area  | Home Guard & Civil Defense 02 <sup>nd</sup> BN, Shimla                 |
| 6       | Rohru         | Flood at Samoli   | Home Guard & Civil Defense 02 <sup>nd</sup> BN, Shimla                 |
| 7       | Dodra Kwar    | Landslide at Kwar   | Fire Services  |
| 8       | Chopal        | Building Collapse   | Home Guard & Civil Defense 02 <sup>nd</sup> BN, Shimla                 |
| 9       | Kupvi         | Landslide at Salah  | Home Guard & Civil Defense 02 <sup>nd</sup> BN, Shimla                 |
| 10      | Rampur        | Flood across river Satluj   | NDRF & ITBP  |
| 11      | Kumarsain     | Landslide in the surrounding areas of Nog Kanchie                             | Home Guard & Civil Defense 02 <sup>nd</sup> BN, Shimla                 |

Looking into the severity of situation, District Administration has immediately directed all the Sub-Divisional Magistrates to activate Incident Response System (IRS) for coordinated response. The responsible officer directed to deploy rescue teams to the respective Incident Command Posts (ICPs) immediately.

News regarding the earthquake was relayed on All India Radio (AIR) by District Public Relation Officer (DPRO) by DC Office with appeal to general public not to panic. The Assistant Public Relation Officer (APRO) was coordinating the entire situation.

Other departments participated in the mock drill are all SDMs, Police, tehsildars, Naib Tehsildars, Army, SSB, Home Guard & Civil Defence, National Disaster Response Force, State Disaster Response Force, Fire Services, HPSEBL, PWD, DF&C, JSV, HRTC, DPRO, NGOs etc. The commanders of Staging Areas had immediately fulfilled following roles and responsibilities along with the persons of various line departments:

- ✓ Deployed the Commanders of Incident Command Posts (ICPs) and human resources like police personnel, Home Guard and Civil Defence personnel, Fire persons and Army jawans to the vulnerable sites for Search and Rescue operations after approval of Incident Action Plan (IAP) by Responsible Officer (RO).
- ✓ Deployed material resources viz Fire vehicles, Ambulances, JCBs, trucks, buses and vehicles from various line departments.
- ✓ Deployed the doctors and paramedics to provide first-aid. Victims with major injuries were immediately shifted to the hospitals by 108. Triage area was also setup at respective Incident Command Posts (ICPs) and victims were categorised on the basis of minor and major injuries along with the deceased persons.
- ✓ Persons from IPH directed to restore pipelines.
- ✓ HPPWD removed debris on ICPs and also along the roads.

In the meantime, relief camps were established for providing immediate relief to disaster victims. Emergency Support Functions were activated and surge capacity of Hospitals and other health institutes were increased. The earthquake tremors had done the devastation in all the sub-divisions and information was also received from various Sub-Divisions of District Shimla regarding the damage occurred to infrastructure and community of the sub division due to earthquake.

**Table: 3 - Sub Division wise list of Losses**

| Sr. No. | Names of Sub-Divisions | Aftermath of Earthquake                             | Infrastructure Loss                                    | Injured Evacuated                                | Casualties | Cattle Loss |
|---------|------------------------|---|--|--|------------|-------------|
| 1       | Shimla Urban           | Fire Incident at Vikas Nagar Petrol Pump.           | Petrol Pump Damaged                                    | 02   | 01         | -           |
|         |                        | GGSSS Portmore Building Collapse                    | School Building partially collapsed                    | 35 evacuated<br>05 minor injured                 | -          | -           |
| 2       | Sunni                  | Flood at Kalighat                                   | 07 Pucca houses partially damaged and 05 fully damaged | 28 injured                                       | 04         | -           |
| 3       | Theog                  | Landslide at Chhaidala                              | 02 Pucca Houses fully damaged                          | 32 people evacuated                              | 03         | 07          |
| 4       | Kotkhai                | Landslide in the surrounding area of HRTC Bus Stand | Bus Stand partially damaged                            | 04 HRTC buses evacuated                          | -          | -           |
| 5       | Jubbal                 | Landslide in the Market Area                        | 05 Pucca houses fully damaged                          | 10-15 persons evacuated                          | -          | -           |
| 6       | Rohru                  | Flood at Samoli                                     | School Building Damaged                                | 45 students & 03 teachers evacuated              | -          | -           |
| 7       | Dodra Kwar             | Landslide at Kwar                                   | School Building Damaged                                | 25 students & 05 teachers                        | -          | -           |
| 8       | Chopal                 | Building Collapse                                   | School Building Damaged                                | 06 persons referred to Civil Hospital            | 02         | -           |
| 9       | Kupvi                  | Landslide at Salah                                  | Destruction in Salah                                   | 250 villagers safely evacuated                   | 11         | 18          |
| 10      | Rampur                 | Flood across river Satluj                           | Residential and Market area partially damaged          | 150 people safely evacuate                       | -          | -           |
| 11      | Kumarsain              | Landslide in the surrounding areas of Nog Kanchie   | ITI building partially damaged                         | 55 studenta along with teachers safely evacuated | -          | -           |
|         |                        |   |  | Total  | 21         | 25          |



After conducting the whole exercise in all the sub-divisions the demobilisation was done after getting approval from the respective Responsible Officer. A video conference was also conducted at 02:00 PM through DEOC Shimla with the concerned Sub-Divisional Magistrates (SDMs) and the nodal officers of all the crucial line departments along with armed forces to discuss major issues and concerns with regard to appropriate preparedness and response during any emergency situation.

Debriefing was conducted at 02:40 P.M through video conferencing with Himachal Pradesh State Disaster Management Authority in which all the Nodal officers of concerned departments participated.

#### **GAPS , SUGGESTIONS AND LESSONS LEARNT DURING MEGA MOCK EXERCISE**

1. The concept of Staging area needs to be revised. The first responder should be directed by DEOC to reach at Incident sites so not to waste time. Staging area can be used for resources required from outside the area of disaster. The staging areas should be predetermined/ pre-designated locations.
2. The forest department is not trained in cutting trees and they have outsourced the work to local labours which is usually not present during disasters so all the forest guards should be trained to use the equipment's.
3. During any major disaster the power cut is unavoidable and can pose problem as many equipment's to be used by electricity, so fuel or hydraulic based equipment's need to be procured like pneumatic jacks air airlifting bags which should also be available with Home Guards.
4. The forces like ARMY, NDRF and ITBP are not aware about the routes of incident sites, so DEOC should assign someone for guidance.
5. Traffic needs to be properly managed.
6. All the govt. buildings and educational institutions should have evacuation plan and it should be practised regularly.
7. Surge capacity should be increased in the hospitals to cater the population of District Shimla.
8. Since Army and other forces was called to combat Disaster so there is a need to develop synergy between the resources of Army and Government for better response.
9. Life detectors and thermal imagery equipment's should be procured in case of victims buried under debris
10. Fire extinguishing balls needs to be procured.
11. Most of the heritage buildings are equipped to combat fire, so all the employees should be trained to use fire hydrants.
12. 50 % of the fire hydrants are not in working condition. There is a need to have dedicated fire line which should be charged with water 24\*7.

13. However out of this fire pipeline water connection have been given by MC Shimla. It is suggested that a dedicated fire line should be restored in the town.
14. In the eventuality of Earthquake all roads will be disrupted thereby restricting the movement of Relief vehicles, hence relief efforts should also be practised on foot.
15. The only designated point in Shimla is Annadale landing ground for helicopters. Most likely in an earthquake the roads can disrupt, hence Airforce should practise landing at Bharari ground, BCS ground and St. Edwards ground.
16. Trainings should be imparted to some of the HRTC staff should be trained to handle the working of Earth Movers machines like JCBs etc.
17. Due to lack of parking space in IGMC, on the arrival of ambulances Jam like situation was witnessed.

### **PHOTOGRAPHS**











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# REPORT OF 9TH EDITION OF THE STATE –WIDE MEGA MOCK EXERCISE ON EARTHQUAKE

06th, June 2025



**DISTRICT DISASTER MANAGEMENT AUTHORITY, SIRMAUR**

## Report on 9th State-Wide Mega Mock Exercise, Date: June 6<sup>th</sup>, 2025

- **Background and Objective:** The National Disaster Management Authority (NDMA) and Himachal Pradesh State Disaster Management Authority (HPSDMA) conducted the 9th State-Level Mega Mock Exercise on Earthquake on June 6, 2025, across all 12 districts of Himachal Pradesh, aiming to assess preparedness and response capabilities, identify gaps in planning and coordination, and enhance inter-departmental and community-level response mechanisms.
- **Coordination Conference and Table Top Exercise:** A coordination conference was held on May 27, 2025, at the Himachal Pradesh Secretariat, where the Director-cum-Special Secretary (Revenue-DM) directed Deputy Commissioners and line departments to conduct a Mega Mock Exercise on Earthquake on June 6, 2025, preceded by a Table Top Exercise (TTX) on June 3, 2025. The TTX involved painted scenarios provided by Maj. Gen. Sudhir Behl, Senior Consultant, NDMA, which districts responded to, followed by a presentation on the Incident Response System (IRS). The exercise focused on earthquake response and managing secondary disasters like landslide, fire, and Flooding .
- **Scenario of the Mock Exercise:** A devastating earthquake with a magnitude of 8.0 at 9:31 hrs with epicentre in Dharamshala , Kangra widespread destruction across all districts, including Sirmaur. The disaster resulted in a massive loss of life, with numerous casualties reported. The infrastructure, including buildings, roads, dams and bridges, suffered extensive damage, disrupting essential services and communication networks. The earthquake also led to significant property damage, affecting homes, businesses, and public buildings. Necessitating a swift and coordinated response from emergency services and authorities.
- **Detail of Incidents Sites:** The district of Sirmaur had been severely impacted by the earthquake, with a total of 9 sites affected - 3 located in the district headquarters and 6 in the subdivision. The disaster has resulted in a significant loss of life, with 14,000 deaths reported. Additionally, there are 1,11,600 injuries reported across the district. The table provides a detailed breakdown of the impact of the earthquake in the district of Sirmaur, across different subdivisions :

| S. No              | Sub Division | Black (Death) | Injuries      | Red (Critical) | Yellow (Delayed) | Green (Minor Injuries) |
|--------------------|--------------|---------------|---------------|----------------|------------------|------------------------|
| 1                  | Nahan        | 4200          | 33480         | 4018           | 11718            | 17744                  |
| 2                  | Pachhad      | 700           | 5580          | 670            | 1953             | 2957                   |
| 3                  | Kaffota      | 1120          | 8928          | 1071           | 3125             | 4732                   |
| 4                  | Rajgarh      | 1400          | 11160         | 1339           | 3906             | 5915                   |
| 5                  | Shillai      | 2100          | 16740         | 2009           | 5859             | 8872                   |
| 5                  | Sangrah      | 1680          | 13392         | 1607           | 4687             | 7098                   |
| 7                  | Paonta Sahib | 2800          | 22320         | 2678           | 7812             | 11830                  |
| <b>Total Death</b> |              | <b>14000</b>  | <b>111600</b> | 13392          | 39060            | 59148                  |



| Simulation Site No - 1 | Sub Division | Incident Location                         | Incident Type | Geocoordinates of Incident Site | Operation Section Chief  | Observer  |
|------------------------|--------------|---|---------------|---------------------------------|--|---|
|                        | Nahan (HQ)   | Ruchira Papers Limited, Kala Amb, Sirmaur | Fire Incident | 30°30'42 "N<br>77°12'24 "E      | Sh.Rajeev Sankhyan<br>SDM<br>Nahan,<br>Mobile<br>No. 98166 62244 | Insp. Ashwani Kumar,<br>Mobile<br>No. 82192018 08 |



#### Total Number of death and injuries

| Black(Death) | Red ( Critical) | Yellow ( Delayed) | Green(Miner Injuries) |
|--------------|-----------------|-------------------|-----------------------|
| 1540         | 1473            | 4296              | 6505                  |

| Simulation Site No- 2 | Sub Division | Incident Location                                | Incident Type                     | Geocoordinate s of Incident Site | Operation Section Chief                                   | Observer                                   |
|-----------------------|--------------|--|-----------------------------------|----------------------------------|---|--|
|                       | Nahan (HQ)   | Trilokpur (connecting Bridge Kala Amb Trilokpur) | Bridge Collapse Due to Earthquake | 30.533906N<br>77.199693E         | Sh.Rajeev Sankhyan<br>SDM Nahan,<br>Mobile No. 9816662244 | SI Ramesh Kumar ,<br>Mobile No. 9418061510 |



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|---|
| <b>Total Number of death and injuries</b> |
|---|

|              |                 |                   |                        |
|--------------|-----------------|-------------------|------------------------|
| Black(Death) | Red ( Critical) | Yellow ( Delayed) | Green (Miner Injuries) |
|--------------|-----------------|-------------------|------------------------|

|     |     |      |      |
|-----|-----|------|------|
| 700 | 670 | 1953 | 2956 |
|-----|-----|------|------|

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| Simulation Site No - 3 | Sub Division | Incident Location         | Incident Type               | Geocoordinates of Incident Site | Operation Section Chief                               | Observer                                 |
|------------------------|--------------|---------------------------|-----------------------------|---------------------------------|---|--|
|                        | Nahan (HQ)   | Boys' Sr Sec school Nahan | Building Collapse Due To EQ | 30°33'28"N<br>77°17'47"E        | Sh. Rajeev Sankhyan SDM Nahan, Mobile No. 98166 62244 | L/Insp. Rita Devi, Mobile No.70185 61299 |



| Total Number of Death and Injuries |                 |                   |                        |
|------------------------------------|-----------------|-------------------|------------------------|
| Black(Death)                       | Red ( Critical) | Yellow ( Delayed) | Green (Minor Injuries) |
| 1960                               | 1875            | 5469              | 8283                   |



| Simulation Site No - 4 | Sub Division | Location                            | Detail       | Geocoordinates of Incident Site | Operation Section Chief   | Observer  |
|------------------------|--------------|-------------------------------------|--------------|---------------------------------|---|---|
|                        | Nahan (HQ)   | Dr Y S Parmar Medical College Nahan | Triage /ME P | 30°33'51"N<br>77°17'39"E        | Sh.Rajeev Sankhyan<br>SDM<br>Nahan,<br>Mobile<br>No. 98166<br>62244 | Sh. Anil Dutt,<br>HPS,<br>ACO,<br>Mobile<br>No.<br>701806<br>9181 |



#### Total Death and Injuries Reported In Sub Divison Nahan ( Three Location )

| Location  | Black Death | Red( Critical) | Yellow ( Delayed) | Green (Minor Injuries) |
|---|-------------|----------------|-------------------|------------------------|
| Ruchira Papers Limited, Kala Amb, Sirmaur         | 1540        | 1473           | 4236              | 6505                   |
| Trilokpur (connecting Bridge Kala Amb Trilokpuri) | 700         | 670            | 2013              | 2956                   |
| Boys' Sr Sec school Nahan                         | 1960        | 1875           | 5469              | 8283                   |
| Total   | 4200        | 4018           | 11718             | 17744                  |
|   |             | 33480          |                   |                        |

**Total Death : 4200 ,  
Total Injuries 33480**



| Simulati<br>on Site<br>No - 5 | Su<br>b<br>Di<br>visi<br>on | Incident<br>Location  | Inciden<br>t Type                         | Geocoordi<br>nates of<br>Incident<br>Site | Operati<br>on<br>Section<br>Chief   | Observe<br>r  |
|-------------------------------|-----------------------------|---|---|---|---|---|
|                               | Pac<br>hha<br>d             | Market of<br>Sarahan<br>Bazar,<br>Near<br>Vaman<br>Bhagwan<br>temple and<br>Pond<br>Sarahan | Buildin<br>g<br>Collaps<br>e Due<br>To EQ | 30.717015<br>1<br>77.192489<br>2          | Dr.Priy<br>anka<br>Chandr<br>a-SDM<br>Pachha<br>dPh.No.<br>988294<br>0833 | SI<br>Rajesh<br>Kumar,<br>Mobile<br>No.<br>9418086<br>391 |

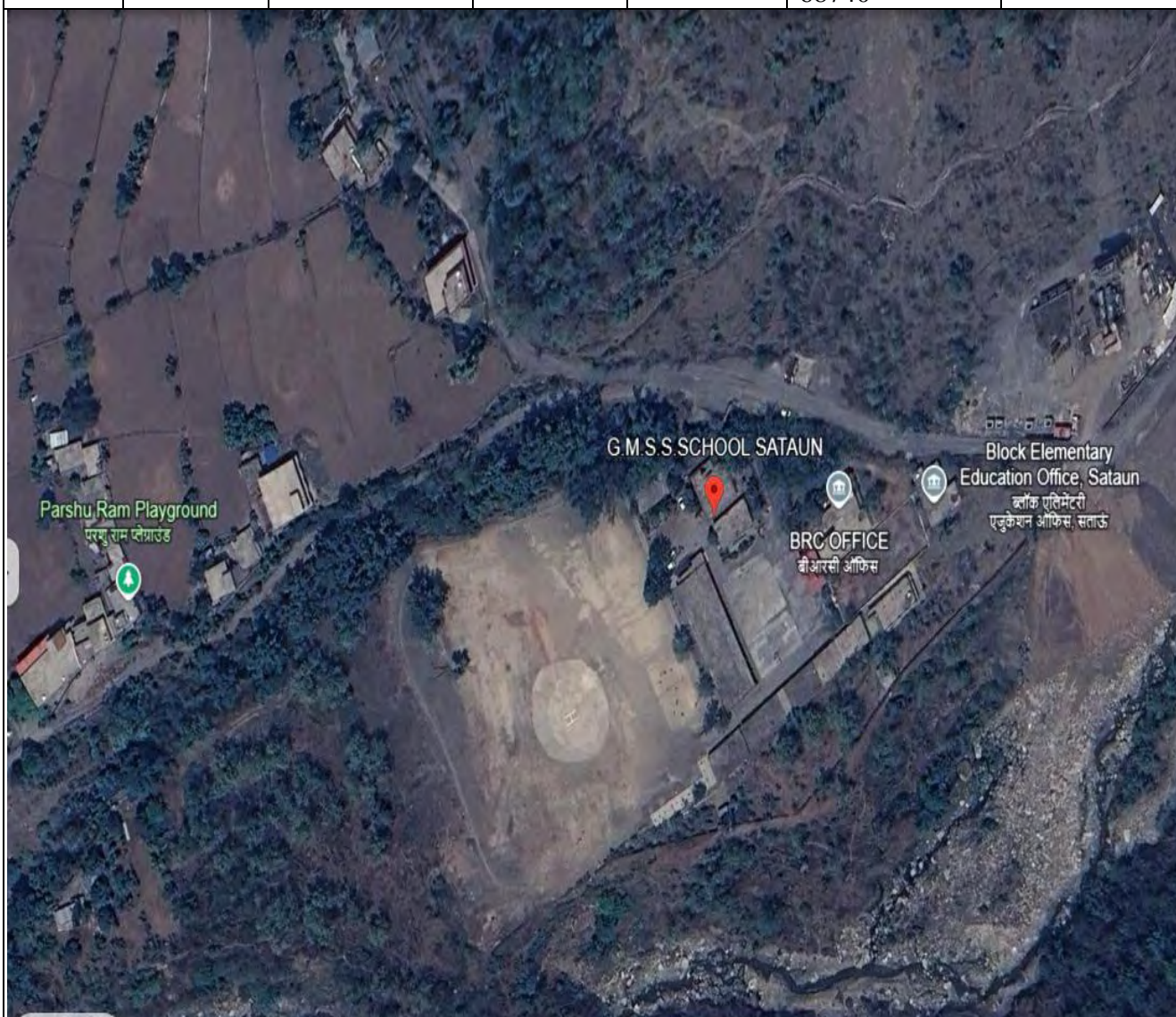


#### Total Number of Death and Injuries

| Black(Death<br>)                          | Red (Critical) | Yellow ( Delayed) | Green (Miner Injuries) |
|---|----------------|-------------------|------------------------|
| 700                                       | 670            | 1953              | 2957                   |
| Total Death : 840 , Total Injuries : 5580 |                |                   |                        |
|   |                |                   |                        |



| Incident Site No-6 | Sub Division | Incident Location                          | Incident Type               | Geocoordinates of Incident Site | Operation Section Chief   | Observer   |
|--------------------|--------------|--|-----------------------------|---------------------------------|---|--|
|                    | Kaffota      | Government Senior secondary School, Sataun | Building Collapse Due to EQ | 30°33'22"N<br>77°38'54"E        | Sh. Nisha Azad,<br>Tehsildar<br>Kamrau<br>Addl Charge<br>SDM<br>Kaffota<br>91 85804 68740 | Sh. Parveen Kumar,<br>HPS,AC<br>O, Mobile<br>No.<br>9418808484 |



#### Total Number of Death and Injuries

| Black(Death) | Red ( Critical) | Yellow ( Delayed) | Green (Miner Injuries) |
|--------------|-----------------|-------------------|------------------------|
| 1120         | 1071            | 3125              | 4732                   |

**Total Death : 840 , Total Injuries : 8928**



| Simulation Site No -7 | Sub Division | Incident Location                                    | Incident Type                       | Geocoordinates of Incident Site | Operation Section Chief           | Observer                             |
|-----------------------|--------------|--|-------------------------------------|---------------------------------|-----------------------------------|--------------------------------------|
|                       | Rajgarh      | Market/Residential Area near Nehru Ground in Rajgarh | Building Collapse due to Earthquake | 30°51'10" N<br>77°17'56" E      | Sh. Raj Kumar Thakur, SDM Rajgarh | SI Roshan Lal, Mobile No. 8219326177 |



#### Total Number of Death and Injuries

| Black(Death) | Red ( Critical) | Yellow ( Delayed) | Green (Miner Injuries) |
|--------------|-----------------|-------------------|------------------------|
| 1400         | 1339            | 3906              | 5915                   |

**Total Death 1400 : , Total Injuries : 1116**



| Simulation Site No-8 | Sub Division | Incident Location | Incident Type | Geocoordinates of Incident Site | Operation Section Chief  | Observer                                |
|----------------------|--------------|-------------------|---------------|---------------------------------|--|---|
|                      | Shillai      | Village Chaniya   | Landslide     | 30.666845 N<br>77.668062E       | Sh. Abhishek Thakur,<br>BDO Shillai<br>Addl. Charge<br>SDM Shillai(+91 62307 87996 | Insp. Ram Lal,<br>Mobile No. 7018270561 |



#### Total Number of Death and Injuries

| Black(Death)                               | Red ( Critical) | Yellow ( Delayed) | Green (Miner Injuries) |
|--|-----------------|-------------------|------------------------|
| 2100                                       | 2009            | 5859              | 8872                   |
| Total Death 2100: , Total Injuries : 16740 |                 |                   |                        |



| Simula<br>tion<br>Site<br>No-9 | Sub<br>Divisi<br>on | Incident<br>Location                          | Incide<br>nt<br>Type | Geocoordi<br>nates of<br>Incident<br>Site | Operatio<br>n Section<br>Chief | Observer   |
|--------------------------------|---------------------|---|----------------------|---|--------------------------------|--|
|                                | Sangr<br>ah         | Village<br>Pav Pani<br>Near<br>Walia<br>Mines | Landsl<br>ide        | 30.68926N<br>77.43463E                    |                                | SI. Satpal<br>Sharma,<br>Mobile<br>No.<br>94186482<br>49 |



#### Total Number of Death and Injuries

| Black(Death) | Red ( Critical) | Yellow ( Delayed) | Green (Miner Injuries) |
|--------------|-----------------|-------------------|------------------------|
| 1680         | 1607            | 4687              | 7098                   |

**Total Death 1680 : , Total Injuries : 13391**



| Simulation Site No- 10 | Sub Division | Incident Location                          | Incident Type | Geocoordinates of Incident Site | Operation Section Chief                    | Observer                                   |
|------------------------|--------------|--|---------------|---------------------------------|--|--|
|                        | Paonta Sahib | Yamuna Mandir Near Gurudwara, Paonta Sahib | Flooding      | 30.434841<br>77.621343          | Sh. Gunjeet Singh Cheema, SDM Paonta Sahib | Insp. Suresh Kumar, Mobile No. 94181 17234 |



| Total Number of Death and Injuries |      |        |       |
|------------------------------------|------|--------|-------|
| Black                              | Red  | Yellow | Green |
| 2800                               | 2678 | 7812   | 11830 |
| Dead : 2800 Injured:               |      |        |       |

➤ **Siren Warning in All Specified Locations**

In response to the earthquake, siren warnings were activated in all specified incident locations. The sirens aim to alert people of potential aftershocks or other hazards, ensuring their safety and facilitating evacuations if necessary. Authorities were urging residents and visitors to follow evacuation instructions and take necessary precautions to minimize risk.

➤ **Emergency Operations Centre Activated for Disaster Response**

In response to the devastating earthquake an Emergency Operations Centre (EOC) has been set up in the Conference Hall of the Deputy Commissioners office, Sirmaur. The EOC was served as a central hub for coordinating disaster response efforts, bringing together key stakeholders, Incident Response Team and members of the District Disaster Management Authority (DDMA). The DDMA members, Incident Response Team (IRT), and other stakeholders had been gathered at the Emergency Operation Center (EOC) to respond to disasters. The EOC was established at the Conference Hall of the Deputy Commissioner, Sirmaur. The EOC had facilitated:

- ✓ **Situation Assessment and Monitoring:** Continuous monitoring and assessment of the disaster situation.
- ✓ **Resource Allocation and Mobilization:** Effective allocation and mobilization of resources.
- ✓ **Coordination of Rescue, Relief, and Medical Operations:** Seamless coordination of rescue, relief, and medical operations.
- ✓ **Information Sharing and Communication:** Timely sharing of information and communication among stakeholders.
- ✓ **Strategic Decision-Making and Planning:** Informed decision-making and planning to respond to the disaster.

The EOC played a critical role in ensuring a swift and effective response to the disaster, minimizing the impact on affected communities, and facilitating the restoration of essential services and infrastructure. At the EOC, the following sections were set up:

➤ **Business Continuity Action**

To ensure business continuity after the disaster and minimize response time delays, the following actions were taken:

1. Road Clearance: Roads to essential services like hospitals, Emergency Operations Centers (EOCs), and incident sites were prioritized for clearance.
2. Traffic Management: Effective traffic management plans were implemented.
3. Green Corridor Creation: A green corridor was created for the smooth flow of emergency responders.
4. Traffic Management: Traffic was managed to prioritize emergency vehicles.
5. Coordination: Effective coordination with response teams and stakeholders was maintained.
6. Alternative Routes: Alternative routes for emergency responders were identified.
7. Seamless Communication: Communication among response teams was ensured.
8. The incident site was cordoned off to ensure public safety and to allow the emergency responders to work efficiently.

These measures, taken through collaboration, planning, and training, enabled the community to reduce response times, ensure uninterrupted access to critical services and minimize disruption to essential infrastructure.

➤ **Incident Command Post:** The Incident Commander oversees the entire response effort and receives updates from the EOC sections. The Incident Commander then provides updates to the Responsible Officer (RO) regarding the situation and actions taken. The Incident Commander ensured that the RO is informed about the situation, response efforts, and any challenges or concerns. This structure enables effective communication, coordination, and decision-making during emergency response operation

➤ **Operation Section:** Responsible for executing tactical operations and managing response efforts.

➤ **Planning Section: Responsible for:**

- Gathering and analysing data
- Developing situational reports
- Providing strategic planning support
- Making of Incident Action Plan

➤ **Logistics Section: Responsible for:**

- Managing resources
- Procurement
- Logistics support

➤ **Liaison Section: Responsible for:**

- Coordinating with external agencies
- NGOs
- Organizations
- Stakeholders

➤ **Information and Media Section: Responsible for:**

- Managing public information
- Media relations
- Providing updates to the public and media
- Managing social media and other communication channels

➤ **Incident Response System (IRS) Activation**

The Incident Response System (IRS) was been activated to coordinate a swift and effective response. All members of the incident response system had worked in accordance with the IRS framework.



➤ **Communication Setup:**

During the exercise, communication among stakeholders was facilitated through 13 satellite phones deployed at different locations, as well as wireless connectivity via VHF and wireless sets at all locations enabling effective sharing of information and coordination. Mobile phones were restricted to photography and videography purposes only, and the Police department arranged for wireless communication to ensuring seamless communication across incident locations.

**COMMUNICATION PLAN MOCK DRILL SIMULATION SITES**



➤ **Staging Areas Established for Resource Mobilization :**

A total of 8 staging areas were set up, with one at Chawgan, Nahan, District Headquarters, and 7 at all the sub-divisions. These areas were equipped with essential resources such as JCBs, dumpers, bulldozers, excavators, buses, trucks, loaders, and generators. This setup facilitated rapid resource mobilization, efficient response, and improved coordination among response teams and stakeholders, enabling quick deployment of equipment and resources to incident locations as needed.

➤ **Activation of Quick Response Team (QRT) :**

Immediately after the earthquake, the Quick Response Team (QRT) was activated and deployed to the incident sites. The QRT's swift activation and deployment enabled a rapid response to the

disaster, minimizing the impact on affected communities and facilitating the provision of essential services. The team comprised:

- Police personnel for maintaining law and order, securing affected areas, and facilitating rescue operations
- Home Guards for assisting in rescue and relief efforts, and providing support to affected communities
- Fire Services personnel for rescue operations, firefighting, and providing emergency services
- Medics and paramedics for providing medical aid, emergency care, and transporting injured individuals to healthcare facilities
- Revenue department officials for assessing damage, providing relief, and coordinating response efforts
- NGOs for providing humanitarian support, relief materials, and services to affected communities
- NCC/NSS/NYK Volunteers for assisting in rescue, relief, and rehabilitation efforts.

The QRT's diverse composition ensured a comprehensive response, addressing various aspects of the disaster.

#### ➤ **Emergency Response Infrastructure**

To support the response efforts, the following infrastructure had been established at each incident site:

- **Medical Post**

Medical posts were set up in all incident locations, staffed by medics and paramedics to provide first aid, categorize patients based on the severity of their injuries, and forward them to the nearest hospital for further medical treatment.

- **Media Briefing and Enquiry Desk**

A media briefing and enquiry desk was set up at the headquarters, managed by the Department of Public Relations. This has served as a central point for media briefings, information dissemination, and public enquiries.

- **Relief Camps**

Relief camps were established at each incident location, providing essential services to the affected population, including:

- Shelter
- Food
- Clothing
- Drinking Water
- Sanitation facilities like movable toilets, Dust bins etc)

#### ➤ **Restoration of Essential Services**

Their primary objective was to restore all damaged facilities as soon as possible, ensuring that basic services are available to the affected population. The prompt restoration of these services helped to minimize the impact of the disaster and supported the recovery efforts. This included:

- Restoring power supply
- Repairing damaged roads and infrastructure
- Ensuring access to clean water
- Restoring communication networks
- Providing support for relief and rehabilitation efforts

➤ **Post-Disaster Damage Assessment**

After completing relief and rescue operations, a comprehensive damage assessment was conducted by the District Disaster Management Authority to determine the extent of damage and losses.

**Assessment Objectives:**

- Evaluate human casualties and loss of life
- Assess damage to infrastructure (roads, bridges, buildings)
- Determine damage to property (residential, commercial)
- Evaluate losses in agriculture (crops, livestock)

➤ **Compensation Distribution**

Following the damage assessment, compensation was distributed to the affected population according to the State Disaster Response Fund (SDRF) National Disaster Response Fund (NDRF) norms. This aimed to support recovery and rehabilitation efforts.

➤ **Reconstruction and Rehabilitation**

Following the damage assessment, reconstruction and rehabilitation efforts has been initiated to support the affected population. The goal was to restore and improve the lives of those impacted by the disaster.

➤ **Lessons Learned**

1. Importance of Coordination: Effective coordination among stakeholders is crucial for a successful response.
2. Communication is Key: Reliable communication systems are essential for seamless information sharing.
3. Training and Preparedness: Regular training and drills enhance preparedness and response capabilities.
4. Identifying Gaps: Mock drills help identify gaps in response plans and infrastructure.
5. Teamwork and Collaboration: Collaboration among agencies and stakeholders is vital for effective emergency response.

➤ **Recommendations**

1. Strengthen Communication Systems: Enhance communication infrastructure by increasing the number of satellite phones, wireless communication sets, and VHF systems. This will ensure seamless information sharing and minimize the risk of communication breakdowns during emergencies.
2. Regular Mock Drills: Conduct regular mock drills to:
  - Test response mechanisms
  - Identify areas for improvement
  - Enhance coordination among stakeholders
  - Build confidence and preparedness
3. Regular IRS Training: Provide regular training on the Incident Response System (IRS) to:
  - Clarify roles and responsibilities
  - Ensure a unified response
  - Minimize confusion during emergencies
  - Enhance overall response effectiveness



➤ **Conclusion**

The mock drill provided valuable insights into the strengths and weaknesses of our emergency response systems. By identifying areas for improvement and implementing recommendations, we can enhance our preparedness and response capabilities, ultimately ensuring a safer and more resilient community. Regular drills and training will continue to play a crucial role in this effort.

**PHOTOGRAPHS AND MEDIA COVERAGE OF MEGA MOCK EXERCISE  
CONDUCTED IN DISTRICT**





**Medical Camp**







## Relief Camps







## IEC Material Distribution Drive





## STAGING AREA AND DRONE SURVEILLANCE





**MOCK DRILL:-** शिलाई NH707 में बड़ा लैंडस्लाइड कैसे करे बचाव बड़ी मौकड़िल। आपात स्थिति में किस प्रकार से बचा जा सकता है? आज सिरमौर प्रशासन द्वारा विभिन्न स्थानों पर मॉक ड्रिल का आयोजन किया गया और उद्योग मंत्री हर्षवर्धन चौहान द्वारा इसका निरीक्षण किया गया ।





**सिरमौर में भयंकर आपदा में 14,000 लोगों की मौत, 1 लाख से ज्यादा घायल!**

जिला में की मेगा मॉक ड्रिल



नान्त, ६ वृत् (आहुत) : राज्य आयत  
प्रकृत प्रतिकरण की ओर से श्रुत्युप आयत  
प्रकृत प्रतिकरण के सह योग से पूर्वी ग्रन्थव्याप  
आयत प्रकृत मेरा मूल दित्त का आयोजन  
क्रिया सिरीय के सभी उपमंडल में किया  
गया। हीने सिरीय एवं क्रिया आयत  
प्रकृत प्रतिकरण की अप्रथ प्रियका वर्ना न  
बताया कि उपमंडल नान्त के रचिये पेश  
मित कालअव्य में गैर रिमाव से अधिकोड  
की पदव्य हूँ तथा शिलोकपुर कालअव्य की  
जोड़ने काल शिलोकपुर पद पृथ, वहीं राज्यकी  
वर्षा माध्यमिक विद्यालय स्कूल नान्त में  
स्कुल धवन गिर गया।

इसी प्रकार उपमंडल पच्चाद के अंतर्गत सहाय्य बंधन में भवन क्षतिग्रस्त हुए। उपमंडल कर्षोदा के अंतर्गत राजकीय वीरद माध्यमिक पाठशाला सतीत का भवन गिरा।  
क्यों उपमंडल राजगढ़ के अंतर्गत नेहरू प्राकंड के समीप राजगढ़ बंधन में भवनों के गिरने की घटना, उपमंडल शिलाई के गांव चनिया और उपमंडल सोडाह के अंतर्गत गांव

राहत कार्य में जो भी अनुभव और विचार  
आयी, उस पर होगा विचार-विमर्श।

ही सी. ने बताया कि राज्य आपदा प्रबंधन प्राधिकरण के निर्देश पर जिला की सभी ठेकानों में यह सोचें दिन सरकारी अधिकारी भेजे गए। उन्होंने कहा कि मौन हिल के आसपास का उद्देश्य जहाँ सभी संश्लिष्ट विधवाएँ हैं, आराम के समय आसी सम्पदा के साथ वि. जाने वाले वृद्ध एवं सख्त कार्य का पूर्वानुमान करने का, यदि अनुमान को संश्लिष्ट आधार प्राप्त हो, तो संश्लिष्ट कार्य को प्रारंभ करने में सक्षम होना।

प्रायः जिनके ऊपर कायस्थ वर्णन में बा. का  
वास्तविक आधार के सम्यक् ज्ञान और वा-  
क्याती को सही प्रकार से अग्रिम दिष्ट का सं-  
ज्ञानी कदाचित् मोंक दिन पूर्णध्यास  
दीर्घान ब्रह्मचर्य सत् सत् कर्त्तव्य में जे भी धी  
अनुभव और विवेकाने सामने आणी, उन  
शिवान स्वरूप विवेक-विमर्श के उपरान्त स-  
आपदा प्रकान प्रकान को प्रित विवेक स-  
तुष्टि मीथिय में जे कर्त्तव्य वास्तविक आधार  
के सार्थ विधायन मिलकर इसी सही प्रकार  
निष्पत्ति सके, तकि जन और मत का क-  
वम नुसार हो।

**एसडीएम के नेतृत्व में पांवटा साहिब यमुना नदी में मेगा मॉक ड्रिल का आयोजन किया**

पांवटा साहिब, (आपका फैसला)। एसडीएम पांवटा साहिब गुंजीत सिंह चीमा के नेतृत्व में पांवटा साहिब यमुना नदी में मेगा मॉक ड्रिल आयोजित की



गाई। इस दौरान उपमंडल स्तरीय सभी अधिकारी अपनी टीम के साथ आपदा संबंधित उपकरणों के साथ रहते तथा बचाव कार्य में शामिल हुए। गुंजीत सिंह चीमा ने बताया कि बाढ़ जैसी घटनाओं पर मेगा मार्क डिल रान्य आपदा प्रबंधन प्राधिकरण द्वारा मेगा मार्क डिल आयोजित की गई। उन्होंने बताया कि जैसे ही मेगा मार्क डिल के

उद्देश्य से नदी में बाढ़ आने से स्थानीय लोगों के बाढ़ की चपेट में आने की सूचना मिली, जिसके उपरांत प्रशासन तथा सभी संबंधित अधिकारी तुरंत हरकत में आ गए। उन्होंने बताया कि सभी संबंधित विभाग उपकरणों के साथ कुछ ही समय में घटना

कार्य में जुट गए। एसडीएम ने बताया कि सभी विभागों के सहयोग से पांचटा साहिब में मेगा मॉक ड्रिल का सफल आयोजन किया गया। उन्होंने कहा



कि इस मंगा माँक ड्रिल के सरुल आयोजन से भविष्य में किसी भी प्रकार को आपदा से निपटने के लिए प्रशानन की तैयारी को मजबूती मिली है। इस के अतिरिक्त उन्होंने बताया कि इस माँक ड्रिल के संदर्भ में सभी विभागों से चर्चा की जाएगी, ताकि किसी भी प्रकार की कमी को दूर किया

जा सके, जिससे क्षेत्र में किसी भी प्रकार की आपदा से निपटने के लिए कोई चुक न रह सके। उन्होंने क्षेत्र के लोगों से अपील करते हुए कहा कि इस मौक़ ड्रिल से घबराएं नहीं, इस प्रकार की मौक़ ड्रिल भविष्य में आने वाली आपदा से निपटने के लिए जरूरी हैं।

स्थूल पर सूक्ष्म गण तथा आपदा रहित तथा बचाव

लिपि जरूरी है।



शिलाई : उद्योग, संसदीय मामले एवं श्रम रोजगार मंत्री हर्षवर्धन चौहान शिलाई में मैगा मॉक ड्रिल का जायजा लेते हुए। (ब्यूरो)



नाहन : जिला मुख्यालय में मैडीकल कॉलेज में इलाज करती स्वास्थ्य विभाग की टीम। (अब्दुल)



# उपमंडल पच्छाद मुख्यालय सराहां बाजार में हुआ 9 वीं मेगा मॉक ड्रिल अभ्यास

**सवेरा न्यूज/आरडी पराशर**

सराहां, 6 जून : अनहोनी से निपटने के लिए पूरे प्रदेश भर में आज 9 वीं मेगा मॉक ड्रिल अभ्यास में किया गया। वहीं आज उपमंडल पच्छाद मुख्यालय सराहां बाजार स्थित वामन भगवान मंदिर व आस पास की दुकानों व क्षेत्र भूकम्प से बुरी तरह से क्षतिग्रस्त हुआ है। हादसा सुबह 9 बजे के करीब हुआ। जैसे ही प्रशासन को इसकी जानकारी मिली उपमंडल आपातकाल सेंटर पच्छाद सक्रिय हो गया व उन्होंने सायरन बजा कर ईसिडेंट रिस्पांस टीम के कमांडर व तहसीलदार पच्छाद प्रवीण कुमार को सक्रिय कर दिया।

उसके पश्चात लायिजन ऑफिसर व



नायब तहसीलदार राशिक अहमद तथा समस्त टीम अपने संसाधनों के साथ स्टेशन एरिया में पहुंचे तथा उसके उपरांत ड्रोन की सहायता से पता लगाया

गया कि सराहां तालाब के आसपास के क्षेत्र में भारी क्षति हुई। उसके उपरांत जेसीबी की सहायता से बंद सड़क को खोला गया। अनुमान के मुताबिक 700

के करीब हताहत हुए तथा करीब 5500 घायल हुए। सबसे पहले घायलों को प्राथमिक उपचार देकर आगामी ईलाज के लिए रेफर कर दिया गया। इस दौरान एसडीएम पच्छाद व रिस्पोंसिवल ऑफिसर डॉ प्रियंका चंद्रा व समस्त प्रशासन मोके पर पहुंचा और स्थिति पर नियंत्रण किया। प्रशासन ने मृतकों को 25000 व घायलों को 5000 की राशि फौरी राहत के तौर पर प्रदान की। खबर लिखे जाने तक स्थिति पर नियंत्रण पा लिया गया है। इस अस्थाई राहत शिविर में सभी तरह की सुविधाएं जुटाई गई थी जैसे ईलाज, राहत सामग्री, रिपोर्टिंग आदि एसडीएम पच्छाद इस पूरे राहत कार्य का निरीक्षण करते रहे।

## सोलन सिरमौर

**4**

शिमला, शनिवार, 7 जून 2025

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**आपदा से निपटने की तैयारी में जुटा प्रशासन, पांवटा साहिब में मॉक ड्रिल के जरिए लोगों को किया जागरूक**

**सवेरा न्यूज पांवटा साहिब :** पांवटा साहिब, प्राकृतिक आपदाओं जैसे भूकंप, भूस्खलन, अचानक आई बाढ़ और नदियों में डूबने जैसी घटनाओं से आमजन को सुरक्षित रखने के उद्देश्य से आज सिरमौर जिला प्रशासन द्वारा व्यापक स्तर पर मॉक ड्रिल का आयोजन किया गया। इस मॉक ड्रिल की अगुवाई एसडीएम पांवटा साहिब गुंजित सिंह चीमा ने की, जिन्होंने यमुना नदी के घाट पर आयोजित इस अभ्यास का स्वयं निरीक्षण किया। इस दौरान एनडीआरएफ, स्वास्थ्य विभाग, फायर ब्रिगेड, पुलिस और स्थानीय प्रशासन की टीमों ने मिलकर आपदा की संभावित स्थिति में रेस्क्यू ऑपरेशन कैसे चलाया जाता है, इसका जीवंत प्रदर्शन किया। यमुना घाट पर डूबते व्यक्ति को बचाने की रिहर्सल, लैंडस्लाइड की स्थिति में राहत-बचाव कार्य और भूकंप के दौरान सुरक्षित स्थानों की ओर निकलने जैसे वास्तविक परिदृश्यों का अभ्यास किया गया। एसडीएम गुंजित सिंह चीमा ने मौके पर मौजूद लोगों को संबोधित करते हुए कहा, आपदा कभी बताकर नहीं आती, लेकिन सतर्कता और पूर्व तैयारी से जान-माल की हानि को काफी हद तक टाला जा सकता है। ड्रिल में बड़ी संख्या में प्रशासनिक अधिकारी, स्थानीय कर्मचारी और आमजन उपस्थित रहे।



को बढ़ाने में रुचि दिखाई। प्रशासन ने आम जनता से अपील की कि वे प्राकृतिक आपदाओं की जानकारी और बचाव के तौर-तरीकों को गंभीरता से लें, और किसी भी आपात स्थिति में घबराने के बजाय प्रशिक्षित तरीकों से कार्य करें। 9 से 12 जून तक कैथनी...



# मॉक ड्रिल...गैस रिसाव से पेपर मिल में भड़की आग

सिरमौर में जिला प्रशासन ने आपदा से बचाव की तैयारियों का किया आकलन

दिव्य हिमाचल ब्यूरो-नाहन

उपायुक्त एवं अध्यक्ष जिला आपदा प्रबंधन प्राधिकरण सिरमौर प्रियंका वर्मा ने जानकारी देते हुए बताया कि शुक्रवार को हिमाचल प्रदेश राज्य आपदा प्रबंधन प्राधिकरण द्वारा राष्ट्रीय आपदा प्रबंधन प्राधिकरण के सहयोग से नौवीं राज्यव्यापी आपदा प्रबंधन मेगा मॉकड्रिल का आयोजन जिला सिरमौर के सभी उपमंडलों में

किया गया। उपायुक्त ने बताया कि माछशाला सतौन का भवन गिरा। उपमंडल नाहन के रुचिरा पेपर मिल कालाअंब में गैस रिसाव से आगजनी की घटना घटित हुई। त्रिलोकपुर-कालाअंब को जोड़ने वाले त्रिलोकपुर पुल टूटा, राजकीय वरिष्ठ माध्यमिक विद्यालय छात्र नाहन में स्कूल भवन गिर गया। इसी प्रकार उपमंडल पच्छाद के अंतर्गत सराहां बाजार में भवन क्षतिग्रस्त हुए। उपमंडल कफोटा के अंतर्गत राजकीय वरिष्ठ माध्यमिक

पाठशाला सतौन का भवन गिरा। उपमंडल राजगढ़ के अंतर्गत नेहरू ग्राउंड के समीप राजगढ़ बाजार में भवनों के गिरने की घटना, उपमंडल शिलाई के गांव चानिया तथा उपमंडल संगड़ाह के अंतर्गत गांव पाबपानी में भू-स्खलन की घटना हुई। इसके अतिरिक्त उपमंडल पांवटा साहिब में यमुना नदी में बाढ़ आई, जिसके लिए इन सभी स्थानों पर मेगा मॉकड्रिल आयोजित की गई।



नाहन। मॉकड्रिल के बाद जिला प्रशासन अधिकारियों के साथ सामूहिक चित्र में आपदा प्रबंधन के कर्मचारी

## सिरमौर में भूकंप आने से गिरीं इमारतें

संवाद न्यूज एजेंसी

नाहन/शिलाई/संगड़ाह/राजगढ़/सराहां/सतौन। सिरमौर में शुक्रवार सुबह आए भूकंप ने व्यापक तबाही मचाई। जिला मुख्यालय नाहन समेत सभी उपमंडलों में कोहराम मच गया। भूकंप की तीव्रता रिक्टर स्केल पर 8.7 मापी गई, जबकि यह जमीन से 180 किलोमीटर की गहराई में आया था। भूकंप के कारण कई इमारतें भरपरा कर डह गईं। कई पुल टूट गए। कालाअंब के एक उद्योग में गैस रिसाव से आग लग गई। इस आगजनी में कई लोगों के हताहत होने की खबर है।



नाहन में मॉक अभ्यास के दौरान छाया को लेकर जाती टीमें। संवाद

राज्य आपदा प्रबंधन की टीमें ने संभाला मोर्चा, घायलों को सुरक्षित स्थान पर पहुंचाया

यहां, उपमंडल पच्छाद के अंतर्गत सराहां बाजार में भवन क्षतिग्रस्त हुए। उपमंडल कफोटा के अंतर्गत राजकीय वरिष्ठ माध्यमिक पाठशाला सतौन का भवन भी डह गया। उपमंडल राजगढ़ के अंतर्गत नेहरू ग्राउंड के समीप राजगढ़ बाजार में भी कई भवन गिरें। उपमंडल शिलाई के गांव चानिया और उपमंडल संगड़ाह के अंतर्गत गांव पाबपानी में भू-स्खलन की घटना हुई। यह घटना वास्तविकता नहीं बल्कि बड़े स्तर पर

छात्र स्कूल पांवटा के स्वयंसेवियों ने लगाए पौधे पांवटा साहिब (सिरमौर)। पीएमश्री छात्र राजकीय वरिष्ठ माध्यमिक विद्यालय पांवटा साहिब में आपदा प्रबंधन के लिए एक मॉक ड्रिल कराई गई। यह मॉक ड्रिल राष्ट्रीय सेवा योजना के स्वयंसेवियों की ओर से की गई। आपदा प्रबंधन कार्यशाला का आयोजन प्रधानाचार्य डॉ. प्रमोद ठाकुर की अध्यक्षता में किया गया। कार्यक्रम का संचालन एनएसएस प्रभारी जितेंद्र कोर के द्वारा किया गया। संवाद

जिसने मुख्यालय नाहन समेत सभी उपमंडलों में निभाया गया।

उपायुक्त सिरमौर प्रियंका वर्मा ने कहा कि राज्य आपदा प्रबंधन प्राधिकरण के निर्देश पर जिले के सभी उपमंडलों में यह मॉक ड्रिल सफलता पूर्वक आयोजित की गई। पांवटा साहिब के यमुना नदी घाट पर मेगा मॉक ड्रिल आयोजित की गई। इसमें बाढ़ के दौरान बह कर पहुंचने वाले या डूबने वाले लोगों को बचाने के तरीके को दिखाया गया। एसडीएम पांवटा साहिब गुजोंत सिंह चौधरी ने नेतृत्व में पांवटा साहिब यमुना नदी में मॉक ड्रिल आयोजित की। संवाद



पांवटा साहिब। मॉकड्रिल के दौरान यमुना में फंसे लोगों को बाहर निकालते जवान

## भविष्य में आपदा से निपटने में सहायक होगी मेगा मॉकड्रिल: डीसी प्रियंका वर्मा

हिमाचल टाइम्स ■ नाहन

उपायुक्त एवं अध्यक्ष जिला आपदा प्रबंधन प्राधिकरण सिरमौर प्रियंका वर्मा ने जानकारी देते हुए बताया कि शुक्रवार को हिमाचल प्रदेश राज्य आपदा प्रबंधन प्राधिकरण द्वारा राष्ट्रीय आपदा प्रबंधन प्राधिकरण के सहयोग से 9वीं राज्यव्यापी आपदा प्रबंधन मेगा मॉकड्रिल का आयोजन जिला सिरमौर के सभी उपमंडलों में किया गया। उपायुक्त ने बताया कि उपमंडल नाहन के रुचिरा पेपर मिल कालाअंब में गैस रिसाव से आगजनी की घटना घटित हुई। त्रिलोकपुर-कालाअंब को जोड़ने वाले त्रिलोकपुर पुल टूटा, राजकीय वरिष्ठ माध्यमिक विद्यालय छात्र नाहन में स्कूल भवन गिर गया, इसी



प्रकार उपमंडल पच्छाद के अंतर्गत सराहां बाजार में भवन क्षतिग्रस्त हुए। उपमंडल कफोटा के अंतर्गत राजकीय वरिष्ठ माध्यमिक पाठशाला सतौन का भवन गिरा। उपमंडल राजगढ़ के अंतर्गत नेहरू ग्राउंड के समीप राजगढ़ बाजार में भवनों के गिरने की घटना, उपमंडल शिलाई के गांव चानिया तथा उपमंडल संगड़ाह के अंतर्गत गांव पाबपानी में भू-स्खलन की घटना हुई। इसके अतिरिक्त उपमंडल पांवटा साहिब में

यमुना नदी में बाढ़ आई, जिसके लिए इन सभी स्थानों पर मेगा मॉकड्रिल आयोजित की गई। उन्होंने बताया कि इस मेगा मॉकड्रिल में भूकंप, बाढ़, भू-स्खलन, आगजनी आदि घटनाओं से प्रतीकात्मक नुकसान के दृष्टिगत बचाव व राहत कार्यों का मॉक अभ्यास किया गया। उपायुक्त ने बताया कि इस आपदा के दौरान जिला में 1.4 हजार लोगों की मृत्यु तथा 1 लाख 11 हजार लोग घायल हुए।



DPRO Sirmaur

मेगा मॉक ड्रिल भविष्य में आपदा से निपटने में होगी सहायक -उपायुक्त जिला सिरमौर के सभी उप मंडलों में आयोजित हुई मेगा

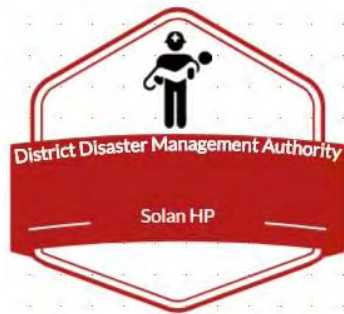
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# **REPORT OF 9TH EDITION OF THE STATE-WIDE MEGA MOCK EXERCISE ON EARTHQUAKE**

**Dated: 06-06-2025**



**Submitted By**  
**District Disaster Management Authority,**  
**Solan, H.P.**

## **Background**

Disaster when they occur, impact all irrespective of political, social, economic or geographic boundaries. There has been an increase in number of natural disaster over the past few years. The impact of such a calamity transcends physical components and impacts the socio-economic condition of affected person and places.

Under the DM Act 2005, it is mandatory on the part of District Disaster Management Authority (DDMA) to adopt a continuous and integrated process of planning, organizing, coordinating and implementing measures which are necessary and expedient for prevention as well as mitigation of disasters. These processes are to be incorporated in the developmental plans of the different departments and preparedness to meet the disasters and relief, rescue and rehabilitation thereafter, so as to minimize the loss to be suffered by the communities and are to be documented so that it is handy and accessible to the general public. Any approach to Disaster Management should consider that a single dead any disaster is more than a loss of human life, it impacts the entire family and puts the environment around them under the stress. The challenge before us is, therefore, is to strive towards higher levels of understanding, preparedness, mitigation efforts and response mechanism. This in turn need to be backed by better coordination amongst different organizations, departments, Panchayati Raj institutions, Academic institutions, the civil society and citizens at large. Long strides in several areas towards strengthening the institutional mechanism and response capacity for different activities related disaster management. However, despite the best preparedness and highest response standards, disasters remain a challenge to humankind. Continuous updation and state of readiness become extremely important in disaster management guard.

### **Vulnerability of the District**

Hazard, Risk, Vulnerability and Capacity Analysis the unique Geo Climatic conditions of the District make it vulnerable to various kinds of natural hazard/ disaster which have been compounded by increasing human interventions with the nature.

There is need to identify and delineate the Hazard risk zones of Districts (areas, vulnerable to various hazards) which will provide the necessary information to work on micro - level and to make the active dormant processes of the hazards. District Solan lies in western part of young folded mountains of Himalayas which are still instable. The district falls under seismic zone IV, which indicates a higher likelihood of earthquakes with intensity VIII on the Modified Mercalli Scale (MSK). This is considered a very severe zone. This means it's considered susceptible to earthquakes with a moderate to high intensity. While not the highest risk zone like some other districts in the state, Solan still requires careful consideration for earthquake-resistant construction and disaster preparedness. While the district itself has experienced smaller quakes, such as a 2.7 magnitude earthquake in 2023.



## Need for Mock Exercise

Mock exercises play a critical role in testing and refining the effectiveness of the District Disaster Management Plans (DDMPs). Conducting these drills across different parts of the district provides a practical platform to evaluate the operational readiness of various departments and the coordination among stakeholders during a simulated disaster scenario. Such exercises help identify gaps in planning, resource deployment, and communication systems.

Moreover, mock drills promote a culture of preparedness and rapid response by actively involving all stakeholders — including government agencies, frontline responders, local institutions, and the community at large. Their participation not only strengthens inter-agency coordination but also raises public awareness about disaster risks and response procedures.

## Objective of Mock Exercise

1. To review the Disaster Management Plan.
2. To evaluate and check the roles of Incident Response System (IRS) of the Districts.
3. Identify the gaps during disaster response.
4. Highlight the role and responsibilities of the stakeholders.

## Key Participants:-

|    |                              |
|----|------------------------------|
| 1  | District Administration      |
| 2  | Police Department            |
| 3  | SDMs                         |
| 4  | Tehsildar and Naib Tehsildar |
| 5  | Army                         |
| 6  | AirForce                     |
| 7  | NDRF                         |
| 8  | Home Guard                   |
| 9  | Fire Department              |
| 10 | Health                       |
| 11 | DF&SC                        |
| 12 | Jal Shakti Vibhag            |
| 13 | PWD                          |
| 14 | Electricity                  |
| 15 | HRTC                         |
| 16 | Aapda Mitra Volunteers       |
| 17 | DPRO                         |
| 18 | NGO's                        |

## **Coordination conference on 27-05-2025**

A coordination conference was held at the Himachal Pradesh Secretariat on 27th May 2025, under the chairmanship of the Director-cum-Special Secretary (Revenue-DM) to the Government of Himachal Pradesh. The meeting was attended by all Deputy Commissioners, Heads of Departments, and representatives from armed forces including the, NDRF, and the Indian Army. During the meeting, the Director-cum-Special Secretary (Revenue-DM) directed all Deputy Commissioners and line departments to conduct a Mega Mock Exercise on Earthquake on 6th June 2025. It was also decided that a Table Top Exercise (TTX) would precede the drill and be held on 3rd June 2025. Maj. Gen. Sudhir Behl, Senior Consultant, NDMA, Ministry of Home Affairs, Government of India, guided the Deputy Commissioners to select four incident sites from each District Headquarters and one site from each Sub-Division to conduct the mock exercises. The focus was not only on earthquake response but also on managing secondary impact disasters such as fire, landslides.

## **Table Top Exercise on 03-06-2025.**

The Himachal Pradesh State Disaster Management Authority started the table top exercise with the After that Maj. Gen. Sudhir Behl, Senior consultant NDMA, Ministry of Home Affairs, Government of India gave painted scenarios to all the Districts and asked the Districts to respond to the scenarios. In the end Maj. Gen. Sudhir Behl, Senior consultant NDMA ended the table top exercise by providing brief presentation regarding the working of IRS.



### **Simulation Sites:**

**There were 09 incident sites identified for the Mega Mock Exercise.**

| Sr. No | Site Name  | Situation   |
|--------|--|---|
| 1.     | Regional Hospital Solan  | Structural damage to the building                                 |
| 2.     | St. Lukes School Solan (Near Old Bus Stand Solan)  | Structural damage to the building                                 |
| 3.     | Police Petrol Pump (Sabji Mandi Solan)   | A fire incident reported  |
| 4.     | Anand Complex (The Mall Solan).  | Structural damage to the building and a fire incident reported    |
| 5.     | Hindustan Petroleum Corp Ltd. Village Dadhikania (Khera), Tehsil Nalagarh, Distt. Solan, HP. | Industrial Fire (Gas Leakage and short circuit incident reported) |
| 6.     | Civil Hospital Nalagarh.   | Major landslide   |
| 7.     | Chakki Mod (NH-05) sub-division Kasauli  | Major landslide blocking access routes                            |
| 8.     | Sharda Bridge Break GP Chamyal (Shalaghat to Arki Road,)                                     | Bridge Collapse   |
| 9.     | Civil Hospital Arki  | Building damage   |

### **Mega Mock Exercise on dated 06-06-2025.**

A short briefing session was conducted by the Incident Commander prior to the commencement of the Mega Mock Exercise. During the briefing, it was communicated that the State Emergency Operations Centre (SEOC) would monitor the entire exercise live through an online link. It was also decided that only satellite phones and wireless sets would be used for communication during the exercise, in order to simulate real disaster conditions. All participating line departments and response units were briefed on their respective roles and responsibilities. Additionally, observers were provided with standardized reporting formats to record and submit their observations.

On the day of the Mega Mock Drill, a simulated high-magnitude earthquake was reported, which triggered a series of cascading disasters, including a major landslide, structural damage to buildings, and fire incidents. Upon receiving this information from the field, the emergency siren was activated, signaling the initiation of the Incident Response System (IRS). All relevant line departments immediately assembled at the Staging Area to coordinate the response.

Quick Response Teams (QRTs) from Army, National Disaster Response Force (NDRF), Police, and Home Guard were mobilized and deployed to their respective incident sites to carry out rescue and response operations. Simultaneously, heavy machinery was dispatched to clear landslide-affected areas, particularly to restore road connectivity and access to critical locations. Ambulances were mapped to each incident site to ensure timely transportation of injured victims. A Medical Aid Post was established to provide first aid and emergency medical treatment, while a Relief Camp was also set up to offer shelter, food, and essential services to the affected population.



## **District Incident Response Teams (DIRTs)**

The District Incident Response Teams (DIRTs), including the Incident Commander, Operations, Planning, and Logistics Chiefs, were fully activated. They ensured prompt execution of the Incident Action Plan (IAP), real-time coordination, and rapid resource mobilization. Each team functioned from the Incident Command Post (ICP) set up at strategic locations

### **Lesson learnt are as follows:-**

1. **Strengthening Early Warning Systems:** There is a need to develop and deploy more robust early warning systems specifically for flash floods, and landslides to ensure timely alerts and proactive response.
2. **Resource Mapping and Utilization:** Comprehensive mapping of available resources—Both human and material—is essential for their optimal allocation and efficient utilization during emergency response operations.
3. **Clarity of Roles and Training:** The roles and responsibilities of all officers involved in the response should be clearly defined in advance. Regular training and capacity-building exercises should be conducted to ensure preparedness.
4. **Briefing of Incident Command Staff:** All officers' assigned roles within the Incident Command System (ICS) must be thoroughly briefed beforehand. Their specific responsibilities should be clearly communicated to enable coordinated and effective incident management.
5. **Drone technology** should be integrated into disaster response efforts for rapid impact assessment and effective planning. Drones can provide real-time aerial imagery and data, enabling responders to assess the extent of damage, identify inaccessible areas, and prioritize resource deployment more efficiently.
6. **A reliable and functional communication system** is essential to establish and maintain effective coordination during disaster response. Backup communication modes such as satellite phones, wireless sets, and radio networks should be tested regularly to ensure they remain operational when conventional systems fail.

### **Gaps identified:**

1. All the IRT members at District Level and Sub Division level must be trained in Incident response System for better response.
2. Inadequate synchronization between departments such as Police, Fire, Health, NDRF/SDRF, and Civil Administration. Delayed or unclear communication channels during initial response.
3. Delay in data collection and reporting during the exercise due to manual processes.
4. Late arrival of teams due to lack of readiness or pre-positioning of resources. Confusion over roles and responsibilities at different levels of government.

**Following are the photographs of the Mega Mock Exercise: -**













जिल्ले के चयनित स्थानों पर हुई मेगा मौक ड्रिल, सूचना मिलते ही आपदा टीमों ने मौके पर पहुंचकर शुरू किया बचाव कार्य

परीक्षक। जिले का के. जगत भवन में स्थानीय या मेवा सड़क पुल की गई। भूखण्ड अन्तर्गत मेवा सड़क पुल की गई। सावधानी मिली कि धर्मपुर के समीप 7.8 डिग्री सेल्सियस का भूखण्ड आया है और इससे कारण जिले के कई स्थानीय पर धर्म के सम्मान में मिले हैं।

सुधार-विरोध पर विचार के विभिन्न भागी में अक्सर हमें सामना करीया हुआ है। लेकिन अक्सर हमें सोचना पड़ा है कि सुधार के कारण भयानक अज्ञान, कानूनी उपरान्त में राष्ट्रीय हाथकाँची पर सामग्री सीढ़ के समीप पहुँचाना, लोभ लुब्धक अज्ञान सीढ़ में भयानक चिन्ते, लापरवाही अज्ञान के नास्तिक अज्ञानता अज्ञान में भयानक चिन्ते, साहस्य भुन के समीप कुलक्षण, नास्तिक अज्ञानता अज्ञानता में क्षति और सुधार-विरोध अज्ञान चिन्ते छोड़ा में नैस-लक्षिक की सुधार विरोध।

सूचना मिलने की सभी स्थलों पर प्रशासन, पुलिस और विभिन्न विभागों की संयुक्त टीमें के साथ-साथ राष्ट्रीय अगस्त्य प्रतिक्रिया बल ने तुरंत कार्रवाई अपना ली है। यह सूचनात्मक बलगत एक कि विभिन्न स्थलों पर सशस्त्र बलों की अतिरिक्त दो-दो एक स्थानों की तुरंत मदद किया जा प्रत्येक विभिन्न प्रशासनिक बलों के अलावा भी उपचार के लिए भेजा जाय।

एकदम अचानक प्रत्येक व्यक्तिगत कार्य के सामान्यकरण में तथा नगरपालिका (मैजिस्ट्रेचर) स्तर पर न्याय में अधिकार के एकीकरण और नियंत्रण के अन्तर् में विस्तृत आकाशवाणी प्रसारण की। सोवियत विचारों में आधुनिकीकरण अधिकार के संशोधन में अधीनस्थ नगरपालिका स्तर पर शुरू होकर में अधिकार के आकाशवाणी प्रसारण की। उन्होंने कहा कि आज भी अधिकार दिए गए हैं हमने उन्हें वापस नहीं लौटाए हैं। हमने केवल अधिकार वापस किया था यह है। अधिकार में सुधार के साथ-साथ अधिकार की प्रति, अधिकार, प्रशासनिक, विचार

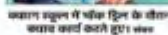


मौलिक विज्ञान में सफलता और  
प्राथमिक उपचार की  
की जानकारी

अस्पताल भवन को  
नुकसान, कई लोग  
मलबे में दबे

[illegible]

लोक दुनिया में व्यापारों में अपना  
पुनर् प्रति की लुप्त करने पर काम



विषय: अर्थशास्त्र। प्रश्न: निम्नलिखित में से एक को चयनित करके, निम्नलिखित प्रश्नों का उत्तर दीजिए।  
प्रश्न: निम्नलिखित में से एक को चयनित करके, निम्नलिखित प्रश्नों का उत्तर दीजिए।  
प्रश्न: निम्नलिखित में से एक को चयनित करके, निम्नलिखित प्रश्नों का उत्तर दीजिए।

[illegible][illegible]

विद्यार्थियों को आपदा के प्रति किया जागरूक

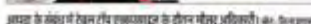
संक्षेपः। राजकीय नीतिषु राष्ट्रपतिक विचारधारा कदापि न अपवाद प्रदर्शयते के लिये एका पक्ष नीति दिन का आयोजन किया गया। विचारधारा की अपवाद प्रदर्शयत प्रभाव नीतिक नीतिषु (प्रत्यक्ष राजकीय विचार) के सुलभ विवेचन में नीति दिन हुई। इसका उद्देश्य राजकीय विचारों की अपवादप्रदर्शयत नीति में सुधारित नीति की अपवाद प्रदर्शयत, प्रत्यक्ष अपवाद देने का अपवाद कदापि न। अपवाद



सौलन के स्कूल, अस्पतालों, पंचायतों समेत अन्य संस्थानों में किया जाएगा आयोजन, आपदा के संबंध में की गई टैबल टॉप एक्सरसाइज

**संश्लेषण:** प्रदेश में जिला सेशन भी भूकंप को दृष्टि में सम्बोधनार्थित क्षेत्रों में सम्मिलित है। इसके तहत पूरे प्रदेश के साथ-साथ सेशन जिला में 6 ग्राम को भूकंप से निपटने को लेकर सत्रिक दिनांक दी गई।

इस संबंध में आयोजित होने वाली चौथी राज्य स्तरीय मेरा मंत्रि मंडल के संस्था में पृष्ठोन्मुख के तहत वर्षुआल मासिक में रैकल टॉप एक्सलसिटिव का आयोजन किया गया। इस मौके पर राष्ट्रीय



प्रमुख सलाहकार, सेवानिवृत्त, सोलन जिला को आवंटित

नालागढ़ की औद्योगिक  
इकाइयों में भी  
होगी मॉक डील

को जलने वाली लीकजियों के साथ  
से डिजिटल-मिनिंग डिजिट।

टेबल टॉप एग्जमप्लेशन  
 बर अधिस्त उपयुक्त यो  
 रहस्य जेल ने कहा कि आपदा  
 पूर्व रैपटो हो आपदाओं के का  
 होने वाले मुकाम को कम  
 सकती है।

उन्होंने कहा कि टेकल २००० में भारत के राष्ट्रीय खेलों में भाग लेने के लिए तैयार है।

बच्चों की रैपिंग की जा रही है और आपका के संबंधित मुद्दा को ज़रूर लिया जा सकता है।

उन्हीं का कहना है कि ६ लाख की संपत्ति वाले जिले में सोलन में छोटे-छोटे अस्पताल सोलन, मीर मधुसूदन स्कूल, समर्थी घाटी के समीप पुनिया पेट्रोल पम्प, उदयपुर सांघोबाय में पीक डिजिट ऑर्गेनिज

उन्होंने कहा कि जलवायु में  
औद्योगिक विकास एवं कृषि  
प्रमत्तता, कभीभी में सबसे  
घोट, अभी में इन पंचायत  
पंचायत के साथ जुल पर लगे

की जाती है। उन्होंने बौद्ध धर्म के समस्त राजा और ब्राह्मण वर्गों के संबंध में जानकारी दी।

अतिरिक्त उपर्युक्त में वर्णित  
साक्ष्य से सभी जिला अधिकारियों  
को संलग्न जिला में भूकंप की  
स्थिति में बचाव के लिए जिला  
प्रशासन की तैयारियों के संबंध में  
अवगत कराया।

इस अवसर पर अतिथिगत  
पुलिस अधीक्षक सीलम राजकुमार  
चंदेल, महानगर आयुक्त नरेंद्र  
सोहान, 21 से 3 फ़ीस के बीच  
आपसपर संघर्षरहित कर्नल विजय  
सोह सहित विभिन्न विभागों के

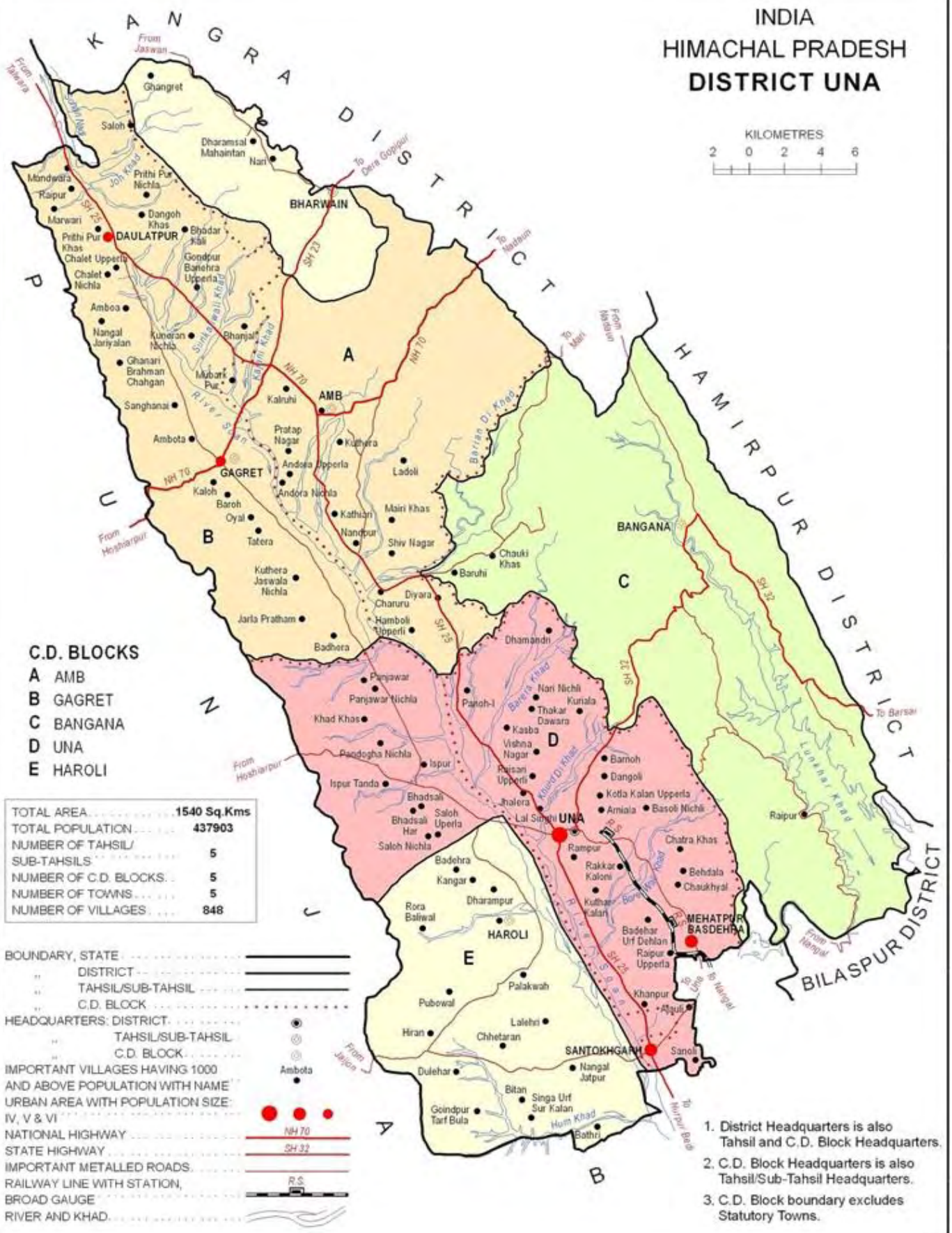
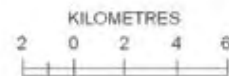


**A Report on**  
**9<sup>th</sup> State Level Mega Mock Exercise on Earthquake in**  
**the State of Himachal Pradesh**  
**On 06-06-2025**  
**Held in District Una**

**Prepared By:**  
**District Disaster Management Authority (DDMA),**  
**Office of Deputy Commissioner Una, Himachal**  
**Pradesh**



# INDIA HIMACHAL PRADESH DISTRICT UNA



|                             |  |
|-----------------------------|--|
| <b>No. of Sub-Divisions</b> | 5 [Una, Amb, Haroli, Bangana & Gagret]   |
| <b>No. of Tehsils</b>       | 5 [Una, Amb, Bangana, Haroli, Ghanari]   |
| <b>No. of Sub-Tehsils</b>   | 7 [Bharwain, Ispur, Jol, Dulehar, Bihrukalan, Mehatpur-Basdehra, Kaloh]  |
| <b>Development Blocks</b>   | 5 [Una, Amb, Gagret, Dhundla(Bangana) & Haroli]  |
| <b>Panchayats</b>           | 245  |
| <b>Backward Panchayats</b>  | 3 [Ambehra Dheeraj, Plahata, Sihana]-All under Bangana Block   |
| <b>Villages</b>             | 868  |
| <b>Panchayat Samiti</b>     | 5 [Una, Amb, Gagret, Dhundla(Bangana) & Haroli]  |
| <b>Zila Parishad</b>        | 1  |
| <b>Local Urban Bodies</b>   | 1 - [Mucipal Corporation: Una]<br>1- [ Municipal Counsil: Mehatpur-Basdehra ]<br>5 - [ Nagar Panchyats : NP Santoshgarh, NP Daultpur Chowk, NP Tahliwal NP Amb ] |
| <b>Assembly Segments</b>    | 5 [Una, Haroli, Gagret, Kutlehar, Chintpurni]  |

|   |  |
|---|--|
| <b>Population</b>                                 | 338 Persons/km <sup>2</sup><br>5,21,057 (Total), 2,63,541 (Male) , 2,57,516 (Female) |
| <b>Geographical Area</b>                          | 1540 Sq.Kms  |
| <b>Forest Area</b>                                | 185 Sq.Kms.  |
| <b>Cultivated Area</b>                            | 430 Sq.Kms.  |
| <b>Barren &amp; Unculturable Lands</b>            | 226.7 Sq.Kms.  |
| <b>Land put to Non-Agri. Uses</b>                 | 294 Sq.Kms.  |
| <b>Permanent Pastures &amp; Other Grass Lands</b> | 129.4 Sq.Kms.  |
| <b>Land Under Misc. Tree, Crops and Groves</b>    | 55.4 Sq.Kms.   |
| <b>Irrigated Area</b>                             | 78.4 Sq.Kms.   |
| <b>Altitude</b>                                   | 350 meters to 1200 meters  |
| <b>Longitude</b>                                  | 75°58'2" - 76°28'25"(East)   |
| <b>Latitude</b>                                   | 31°17'52" - 31°52'0"(North)  |

A **State level Mega Mock Exercise on Eathquake** was conducted in District Head Quarter and 4 Sub Divisions of District Una on 06/06/2025. The aim of the mock exercise was to check preparedness for a Earthquake, landslide, Fire disaster at district/sub division/ panchayat level. The exercise aimed at involving all the stake holders like Police, Home Guard, Fire, HPPWD, Medical Aid, Jal Shakti Vibhag, HPSEBL, Transport, Animal Husbandry, NGOs, Education, etc. in order to assess the response of the district towards a disaster situation.

Objectives of the State Level Mega Exercise based on the Earthquake, Fire and landslide assessment of District Una, the objectives undertaken for the Mega Mock exercise were as below:

- a. Review of the Disaster plan of the district.
- b. To evaluate overall preparedness and functioning of various stakeholders.
- c. To enhance coordination and Synergy among the various Emergency Support Functions both at state and district level.
- d. To highlight the roles and responsibilities of Stakeholder departments in managing disasters like earthquakes/flash flood/ cloud burst/ landslide etc.
- e. Activation of Incident Response System (IRS) within the district.
- f. To identify lacunae in the preparedness and response system of various IRS Units with regards to resources, manpower, equipment, communication, transportation, etc.
- g. Incorporating lessons learnt after the Mock Excercise for further preparedness of Earthquake.

### **Methodology:**

The State Level Mega Exercise held on 06<sup>th</sup> June, 2025 within District Una was a joint effort of the National Disaster Management Authority (NDMA), Ministry of Home Affairs and Himachal Pradesh State Disaster Management Authority (HPSDMA), based on scenario building process due to upcoming monsoon season. The sites within District Una were selected keeping with the risk and vulnerability levels with regards to the community and the infrastructure. The conduction of the Mega Mock drill was based on the system of Incident Response System.

### **Activities conducted at District/State level prior to Mega Mock Exercise:**

In order to meet the aims of Mega Mock Exercise and ensure dissemination of information about the conduct of the exercise, the following activities were carried out by the District Disaster Management Authority (DDMA) Una.

| <b>Sr. No.</b> | <b>Date</b> | <b>Activity</b>  | <b>Participants</b>  | <b>Outcomes</b>  |
|----------------|-------------|--|--|--|
| 1.             | 27-05-25    | Orientation and coordination conference organized by HPSDMA at | Additional Deputy Commissioner Una and Members of IRT Una, concerned line departments HODs | <ul style="list-style-type: none"> <li>The district authorities were able to form an overview of the functioning of IRTs and conduct of the Mega Mock Exercise.</li> </ul> |



|    |          |  |  |  |
|----|----------|--|--|--|
|    |          | Shimla.  | and stakeholders participated in the conference from district Una through Video Conference from NIC Una.   |  |
| 2. | 03-06-25 | District Coordination Meeting regarding the preparation for conduct of Mega Mock Exercise. | Members of IRT, all SDMs of district, heads of line departments/ stakeholders.<br><br><b>Chaired by:</b><br>Chairman DDMA-cum-Deputy Commissioner, Una | <ul style="list-style-type: none"> <li>Participants were directed to observe drop cover hold in their respective offices/schools/colleges/houses upon activation of sirens on 06-06-2025.</li> <li>IRTs were directed to perform tasks assigned to them under IRS guidelines.</li> <li>Following 5 incident sites were identified upon discussions with major line departments at district level: <ul style="list-style-type: none"> <li>i. IOCL Una Terminal Pekhubela, MAH Unit, District HQ.</li> <li>ii. Govt. Industrial Training Institute (Boys), Una, Sub Division Una.</li> <li>iii. Pindi Dass Ashram &amp; Chartable Hospital, Sub Division Amb.</li> <li>iv. AK Puri, HP Petrol Pump, Gagret-Hoshiarpur Road, Sub Division Gagret.</li> <li>v. Nestle India Ltd. Tahliwal, Sub Division Haroli.</li> </ul> </li> <li>Ensure the active participation of Aapda Mitra, Youth Task Force and NYK volunteers &amp; NGOs in each sub division simulation site.</li> <li>Updated resource inventories of all line departments were discussed with IRTs and additional requirements were chalked out.</li> <li>QRTs consisting of Police, Home Guards, Fire Department, IRB 1<sup>st</sup> BN Bangarh, Health Department, HPPWD, Jal Shakti Vibhag, HPSEBL, Transport Department, Food &amp; Supply, Animal Husbandry Dept. were informed about simulation sites and hypothetical scenarios on-site.</li> </ul> |
| 3. | 03-06-25 | Table Top Exercise organized by HPSDMA at Shimla.  | Members of IRT, all SDMs of district, heads of line departments/   | <ul style="list-style-type: none"> <li>The scenario for the exercise was given to the districts.</li> <li>Department wise SOPs were discussed.</li> </ul>  |

|    |          |  |   |  |
|----|----------|--|---|--|
|    |          |  | stakeholders participated in the through Video Conference.      | <ul style="list-style-type: none"> <li>All districts briefly explained about their preparedness for the exercise/disaster event.</li> </ul>  |
| 4. | 05-06-24 | Field Visits: Simulation Sites, Relief Camp, Medical Aid Post, etc. were visited by the concerned In charges | Members of IRT, heads of line departments, concerned officials. | <ul style="list-style-type: none"> <li>Preparation and coordination at Simulation sites.</li> <li>Activation of EOCs, IRTs and IRS facilities (e.g. Staging Areas)</li> <li>Communication check</li> </ul> |

### Orientation and Coordination Conference on 27/05/2025



### District/Sub Division Coordination Meeting on 03/06/2025



### Table Top Exercise on 03/06/2025



## Incidents Sites for simulation of Mock Exercise 2025 in respect to District Una:

| <i>Sr. No.</i> | <i>Sub Division</i> | <i>Simulation Site</i>  | <i>Lat/ Long</i>         | <i>Incident Scenario</i>                                       | <i>Site Incharge</i>                  |
|----------------|---------------------|---|--------------------------|--|---------------------------------------|
| 1              | Una (District HQ)   | IOCL Una Terminal Pekhubela, MAH Unit (As selected by the NDMA) | 31.40783 N<br>76.27829 E | Building Structure damaged and Fire at Petroleum Bulk Storage. | Sh. Vishwa Mohan Dev Chauhan, SDM Una |
| 2              | Una (District HQ)   | Govt. Industrial Training Institute (Boys), Una                 | 31.47060 N<br>76.27856 E | Building Structural damage/loss and Fire                       | Sh. Vipin Thakur, Tehsildar Una.      |
| 3              | Amb                 | Pindi Dass Ashram and Eye Hospital, Near Amb-Nehriyan Road      | 31.68880 N<br>76.13255 E | Landslide Incident   | Sh. Sachin Sharma, SDM Amb            |
| 4              | Gagret              | AK Puri, HP Petrol Pump, Gagret-Hoshiarpur Road                 | 31.64804 N<br>76.02412 E | Petrol Pump for Fire Breakout incident.                        | Sh. Somil Gutam, SDM Gagret           |
| 5              | Haroli              | Nestle India Ltd. Tahliwal                                      | 31.35317 N<br>76.26705 E | Factory Building damaged & Fire Breakout Incident              | Sh. Vishal Sharma, SDM Haroli.        |

## Response Plan for Mega Mock Exercise

The response plan formed as per directions provided by the NDMA to conduct the Mock Exercise on Earthquake on 06<sup>th</sup> June 2025 was as below:

- Blowing of Siren for 2 minutes at 9:00 AM.
- Immediate Activation of DEOC.
- Intimating the rescue forces Home Guards, Fire, Police and IRB 1<sup>st</sup> BN Bangarh within District and other emergency service agencies by DEOC.
- Assembling of DDMA members and IRT team within DEOC for further action plan to be carried out after assessment of damage and loss.
- Taking count or estimation of the loss of life and damaged having occurred by the RO.
- Formation of Incident Action Plan as per IRS format.
- Setting up of Staging Area and ICP.



- Formation of Task Forces and mobilizing them to the site of incidences based on damage assessment.
- Immediately Activation of Medical facilities, Law and Order and Fire facilities.
- Setting up of minor medical camps at the site of incidence and relief camps for first aid.
- Evacuation of the survivals and victims from the site of incidence to the designated relief camps.
- Disposal of carcasses to mortuary or cremation ground after proper documentation.
- Compensation provision to the victims.
- Demobilization of technical and human resources by the IC.
- Closing of the Mock drill with sound of the siren, Debriefing by NDMA and SEOC, Shimla.

### Activities during Mega Mock Drill:

1. Early warnings have been regularly circulated through print, electronic, and social media regarding the upcoming earthquake mock exercise. This is to raise public awareness and help prevent panic during the exercise.

**MEDIA MENTIONS**
**05 June 2025**

## जिला आपदा प्रबंधन प्राधिकरण ऊना

**● 09वां राज्य स्तरीय मेगा मॉक अभ्यास – भूकंप आपदा पर आधारित ●**

**स्थान:** ज़िला ऊना, हिमाचल प्रदेश

**तारीख:** 06 जून 2025

**समय:** प्रातः 09:00 बजे

**मॉक ड्रिल के दौरान क्या करें?**

✓ शांत रहें, अफवाहों से बचें।

✓ मॉक सायरन सुनते ही निर्धारित सुरक्षित स्थान पर जाएं।

✓ प्रशासन के निर्देशों का पालन करें।

**उद्देश्य:**

→ आपदा से निपटने की तैयारियों का मूल्यांकन।

→ आम जनता को जागरूक और सतर्क बनाना।

→ आपदा मित्रा, युवा स्वयंसेवकों की भागीदारी सुनिश्चित करना।

**जिला आपदा हेल्पलाइन 1077**

**District Disaster Management Authority Una**

**deocuna** **DDMA UNA** **01975-225045,46,49**

2. With the preparation completed the final day of the Mega Mock Exercise on 06<sup>th</sup> June 2025. At around 09:00 AM the observers assembled in the room of DEOC, Una from where the drill was going to be

synchronized within the district. The Senior observer from NDRF 14<sup>th</sup> BN, Nurpur, Asst. Commd. Sh. Karamveer Singh and his team monitored the activities at DEOC Room at District HQ.

DDMA Una responded to the hypothetical disaster with their existing capacity and resources, the details of which are mentioned below.

#### **a. Incident Response Teams(IRTs):**

**Incident Response Teams (IRTs)** were formed in the year 2018 and updated in year 2020 under the Incident Response System (IRS) guidelines by the National Disaster Management Authority (NDMA).

#### **b. Resources:**

All stakeholders were directed to send in their logistic support both human and machinery to the staging area immediately and the Operation Section Chief directed to start the operation immediately through his team forth major affected areas by forming Task Forces, each having a team leader and sending them to incident sites.

- ❖ Meanwhile, human resource along with machinery and equipment of various Stakeholders and Police, Home Guards, Fire, HPPWD, Jal Shakti Vibhag, Electricity, Red Cross, HRTC, Forest, etc. were rushed to the Staging area for formation of task force for carrying out SAR operation.
- ❖ Establishment of IC Post, along with various IRS unit chiefs post was decided to be established next to the Staging area for easy access and coordination among the units and the IC.
- ❖ Various tents for the IRT teams including Relief and Medical camps at Krishi Vigyan Kendra, Una volunteers for efficient operation of the Earthquake and landslide search and rescue process.
- ❖ Transport unit was asked to deploy the buses to the site of incidence to transport victims and evacuated people to the medical camp and relief center at Krishi Vigyan Kendra, Una.
- ❖ The Safety Unit was directed to provide security at the staging area, medical ward, and relief camp in order to avoid any undue incident from taking place and maintaining law and order.
- ❖ Medical Unit set up the medical camp and make shift operation center in near by the Krishi Vigyan Kendra to meet the emergencies.
- ❖ The dead were moved to the mortuary after proper documentation.
- ❖ All the record related to the incident was maintained at the Incident Command Post like time logs, orders etc. to brief the RO.
- ❖ RO was thus, continuously updated of the on-going emergency operation by the IC from the ground to provide information to the state.
- ❖ The various units under IRS carried out their roles and responsibilities as per ESF.

- ❖ The RO and the IC personally monitored the entire exercise and maintained coordination with all the incident site in-charges and Emergency Support Functionaries at the District and Sub Divisional levels.

DDMA used both human and material resources for the exercise. Human resources used for the exercise were QRTs, IRTs and volunteers. Material and human resources used in the exercise are mentioned below:

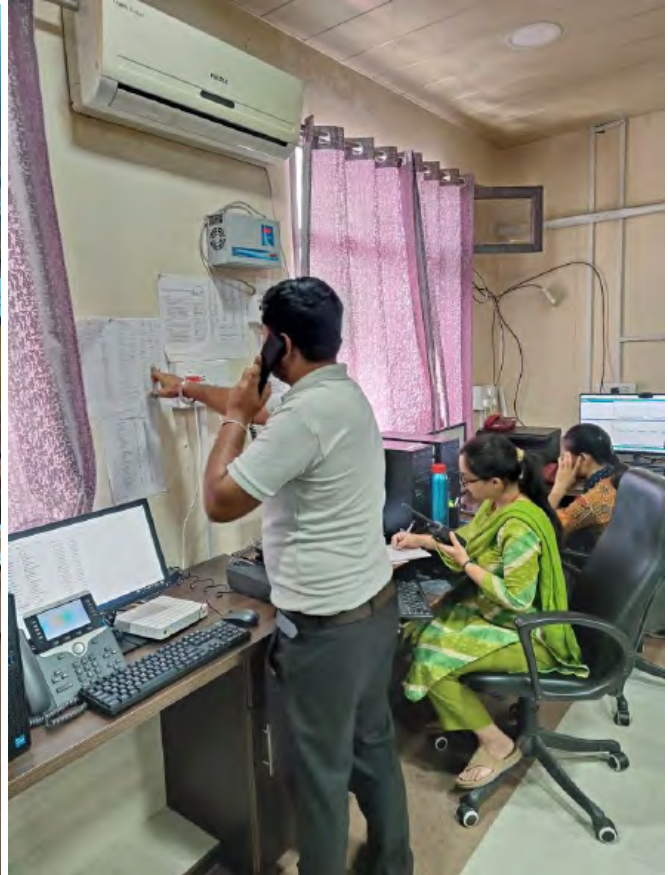
| Sr.No | Department                          | Resources  |
|-------|-------------------------------------|--|
| 1.    | HP Public Works Department (PWD)    | 5 Tipper Truck, 2 Tractor Trolley, 5 JCB & other equipments and Restoration Team of 30 members   |
| 2.    | Health Department                   | 6 ambulance (along with first aid kits) and 30 members of medical and para medical staff with medical facilities at Medical Aid Post   |
| 3.    | Animal Husbandry                    | First Aid Kit-5, Restraining Ropes-5, Dog Catchers-2<br>20 members of veterinary staff   |
| 4.    | Jal Shakti Vibhag (IPH)             | Water tanker-3, Restoration Team of 20 members   |
| 5.    | HP State Electricity Board          | Restoration Team of 25 members with Equipments and vehicles  |
| 6.    | Home Guard/ Civil Defence           | 49 personnel as members of Strike Teams, SAR Equipments available with QRTs  |
| 7.    | Fire Services                       | 4 Fire Tenders, 2 Water Bowsers, 4 QRV, and 38 personnel as members of Strike Teams  |
| 8.    | Police                              | 50 personnel as members of Strike Teams, VHF-Walkie talkie handsets, Control Station, other SAR Equipments available with QRTs, Maintaining Law & Order, Traffic Control & Crowd Management. |
| 9.    | IRB 1 <sup>st</sup> BN, Bangarh Una | 13 Members Quick Response Team with VHF-Walkie talkie handsets, Control Station, other SAR Equipments.   |
| 10.   | Forest Department                   | 20 members team with equipment and vehicles  |
| 11.   | Volunteers of Youth Task Force      | 73 volunteers  |
| 12.   | Aapda Mitra Volunteers              | 48 volunteers  |
| 13.   | NCC Cadets                          | 75 cadets  |
| 14.   | Food and Civil Supply               | 50 Blankets, 50 Mattress, 500 Water Bottles, 500 food packets, for the Relief Camp.  |



|     |   |   |
|-----|---|---|
| 15. | Transport (HRTC)                                    | 6 Buses with a team of 12 Drivers and Assistants.                                   |
| 16. | Indian Oil Corporation Ltd. Pekhubela, Una Terminal | 12 Members of Safety Team of IOCL Pekhubela, Una Terminal with their SAR Equipments |
| 17. | NGOs  | Participation of 2 NGOs with 30 members   |

### District Command Center:

Assembling of Responsible Officer, DDMA members and IRT Heads within DEOC for further action plan to be carried out after assessment of damage and loss. DEOC also connected with State Authority through Video Conferencing.



**District Emergency Operation Centre (DEOC) Una.**

## Activities Conducted During Mega Mock Exercise on 06-06-2025

### SITE-1

|   |  |   |
|---|--|---|
| 1 | Name of Incident   | <b>Building Collapsed and Fire Breakout at Bulk Petroleum Storage</b>   |
| 2 | Place of Incident & Police Station   | IOCL Pekhubela Tehsil & Distt. Una ,PS Mehatpur   |
| 3 | Location of Incident (Log./lat.)   | 31.40783N, 76.27829E  |
| 4 | Incident date and time   | 06.06.2025 at 12:20PM   |
| 5 | Incident Type  | Building Collapsed and Fire Breakout  |
| 6 | Detail of losses and damages<br>Human Loss (Name and Address)<br>Dead :- 02<br>Missing:- Nil<br>Stranded:- Nil<br>Injured: - 08<br>House Damage:- Nil<br>Cattle Loss:- Nil<br>Stranded:- Nil<br>Cowshed Damaged:- Nil<br>Agriculture Loss:- Nil<br>PWD:- Nil<br>Electricity:- Nil<br>Other if any: Nil | <ul style="list-style-type: none"> <li>The Police Control Room has informed DEOC Una that a landslide has occurred On 06th June 2025, an earthquake of 8.0 magnitude with its epicenter in Kangra district was felt strongly across Una district. As a result, a major incident occurred at the IOCL Petroleum Storage Unit located in Pekhubela, Una, where structural damage was reported along with a fire outbreak inside the storage facility.</li> <li>At around 12:20 PM, this information was received by the District Emergency Operation Centre (DEOC) Una from Safety Officer Bhaivabh that heavy smoke and visible flames were observed at the site. 8000KL Petrol Tank caught the fire .</li> <li>DEOC Una took immediate action and call to Fire Station Una for fire tenders must be immediately dispatched to the site.</li> <li>Then DEOC call to District Police Control Room for preliminary information, then further intimate to PS Mehatpur from where SHO Ankush Dogra has left to incident spot on time.</li> <li>Then DEOC Call to CMO Una Sh.Sanjeev Kumar Verma and directed to to keep emergency medical support on standby.</li> <li>Then further HPSEB authorities are informed to disconnect the power supply in the area to prevent any secondary hazards.</li> <li>Time 1:00PM information Received from SHO that 10 people have been Rescued from them 02 workers are found dead on the spot , 02 persons are Refer to RH Una ,due to seriously injured and 6 people have suffered minor injuries.</li> </ul> |
| 7 | Detail of disaster response at District level  | Police team and rescue teams/ QRTs of Home Guards, Fire on the spot. Search and rescue operation going on. Medical camps are set nearby incident spot. Volunteer of NCC cadets also reached on the spot to assist for relief and rescue operation.  |
| 8 | Support required from HPSDMA   | NA  |

## **SITE-2**

|   |  |  |
|---|--|--|
| 1 | Name of Incident   | <b>Building Structure Damage</b>   |
| 2 | Place of Incident & Police Station   | Govt I.T.I Boys Una Tehsil & Distt. Una ,PS Sadar Una  |
| 3 | Location of Incident (Log./lat.)   | 31.47060N, 76.27856E   |
| 4 | Incident date and time   | 06.06.2025 nearby 10:10 – 10:20AM  |
| 5 | Incident Type  | <b>Building Structure and Damage</b>   |
| 6 | Detail of losses and damages<br><br>Human Loss (Name and Address)<br><br>Dead :- Nil<br><br>Missing:- Nil<br>Stranded:- Nil<br><br>Injured: - <b>10</b><br><br>House Damage:- Nil<br><br>Cattle Loss:- Nil<br><br>Stranded:- Nil<br><br>Cowshed Damaged:- Nil<br><br>Agriculture Loss:- Nil<br><br>PWD:- Nil<br><br>Electricity:- Nil<br><br>Other if any: Nil | <ul style="list-style-type: none"> <li>• The Police Control Room has informed DEOC Una that a landslide has occurred On 06 June 2025, an earthquake of magnitude 8.0 centered in Kangra District was strongly felt in Una District. As a result, a major incident occurred at Government ITI Boys, Una, where the building was reported damaged.</li> <li>• At about 10:15 am, District Emergency Operation Centre (DEOC) Una received information from Police Control Room Una about a major incident at Government ITI Boys, Una. As per preliminary reports, the building was reported damaged.</li> <li>• DEOC Una took immediate action and called Fire Station Una and asked to send fire tenders immediately to the site of the incident. DEOC then informed Police Station Una for preliminary information, from where SHO Gaurav Bhardwaj left for the site of the incident on time.</li> <li>• As per information received through VHF, about 10-12 children are trapped as the building is damaged. Search and rescue efforts are being initiated by the local response team with the assistance of community volunteers.</li> <li>• Time : 11:29AM, IO informed to DEOC Una that 10 Students are rescued from them 04 students are in serious condition Refer to RH Una and 06 students are minor injuries and under observation at Medical check post.</li> </ul> |
| 7 | Detail of disaster response at District level  | Police team and rescue teams/ QRTs on the spot. Search and rescue operation going on. Medical camps are set nearby incident spot. Volunteer of Youth Task Force, Member of concerned VDMC and Aapda Mitra volunteers also reached on the spot to assist for relief and rescue operation.   |
| 8 | Support required from HPSDMA   | NA   |



### **SITE-3**

|   |  |   |
|---|--|---|
| 1 | Name of Incident   | <b>LandSlide</b>  |
| 2 | Place of Incident & Police Station   | Vill. Pindi Dass Asharam and Eyes Hospital, Tehsil Amb Distt.<br>Una<br>.PS Amb   |
| 3 | Location of Incident (Log./lat.)   | 31.68880, 76.132  |
| 4 | Incident date and time   | 06.06.2025 nearby 09:30 – 09:40AM   |
| 5 | Incident Type  | LandSlide   |
| 6 | Detail of losses and damages<br>Human Loss (Name and Address)<br>Dead :- Nil<br>Missing:- Nil<br>Stranded:- Nil<br><b>Injured: 07</b><br>House Damage:- Nil<br>Cattle Loss:- Nil<br>Stranded:- Nil<br>Cowshed Damaged:- Nil<br>Agriculture Loss:- Nil<br>PWD:- Nil<br>Electricity:- Nil<br>Other if any: Nil | <ul style="list-style-type: none"> <li>• The Police Control Room has informed DEOC Una that a landslide has occurred at Pindi Das Ashram. On 06th June 2025, at approximately 09:30 AM, a high-intensity earthquake measuring 8.0 on the Richter scale with epicenter in Kangra district was recorded. The tremors were strongly felt across adjoining areas, including parts of Una district.</li> <li>• As a result of the seismic activity, a landslide incident occurred near Pindi Das Ashram and the adjoining Charitable Eye Hospital in Amb Sub-Division. The initial information regarding the landslide was received by DEOC Una through the Police Control Room Una.</li> <li>• In response, DEOC Una immediately alerted the BTC Mubarikpur Quick Response Team, which was directed to proceed to the site for preliminary assessment. Additionally, Police Station Amb was informed about the incident. As per confirmation, Inspector Anil Kumar, SHO Amb, has reached the incident site and is acting as the Investigation Officer (IO).</li> <li>• As per information received thru VHF , around 10–12 persons are reportedly trapped along the access route to the Ashram due to the landslide debris.</li> <li>• Search and rescue efforts are being initiated by the local response team with assistance from community volunteers.</li> <li>• Time : 11:12 AM, Latest Information Received from Field That Exact 07 Persons were trapped along the route and all are Rescued Safely From Them 04 person are Refer to CHC Amb and 03 are Discharge after given First Aid.</li> </ul> |
| 7 | Detail of disaster response at District level  | Police team and rescue teams/ QRTs of Home Guards, Fire and IRB 1 <sup>st</sup> BN Bangarh on the spot. Search and rescue operation going on. Medical camps are set nearby incident spot. Volunteer of Youth Task Force, NCC Cadets and Aapda Mitra volunteers also reached on the spot to assist for relief and rescue operation.  |
| 8 | Support required from HPSDMA   | NA  |

## **SITE-4**

|    |  |   |
|----|--|---|
| 1  | Name of Incident   | <b>Petrol Pump Fire Breakout</b>  |
| 2  | Place of Incident & Police Station   | A.K Puri Petrol Pump Tehsil Gagret Distt. Una ,PS Gagret  |
| 3  | Location of Incident (Log./lat.)   | 31.6648N, 7602412E  |
| 4  | Incident date and time   | 06.06.2025 nearby 10:50 – 10:52AM   |
| 5  | Incident Type  | <b>Petrol Pump Fire Breakout</b>  |
| 6  | Detail of losses and damages<br>Human Loss (Name and Address)<br>Dead :- <b>02</b><br>Missing:- Nil<br>Stranded:- Nil<br>Injured: - <b>06</b><br>House Damage:- Nil Cattle<br>Loss:- Nil<br>Stranded:- Nil<br>Cowshed Damaged:- Nil<br>Agriculture Loss:- Nil<br>PWD:- Nil<br>Electricity:- Nil<br>Other if any: <b>01 (Truck)</b> | <ul style="list-style-type: none"> <li>• The Police Control Room has informed DEOC Una that a landslide has occurred On 06th June 2025, 8.0 magnitude earthquake with its epicenter in Kangra, due its impact Fire Breakout has occurred at A.K. Puri Petrol Pump, located in Gagret Block.</li> <li>• At approximately 10:54 AM, the District Emergency Operation Centre (DEOC) Una received initial information from Police Control Room Una regarding a major fire outbreak at the petrol pump, reportedly triggered by tremors affecting the underground fuel storage and dispensing system.</li> <li>• Thick smoke and flames were observed emanating from the fuel station premises. Panic spread in the surrounding area due to the proximity of nearby shops and residential houses.</li> <li>• DEOC Una called to Fire Station Amb and directed to fire tenders were immediately dispatched to the site.</li> <li>• Inspector Sunny Guleria (SHO Gagret) has reached the location and is coordinating on-ground response with fire and local volunteers.</li> <li>• HPSEB authorities were informed to disconnect power lines in the vicinity to prevent electrical hazards.</li> <li>• Local health authorities were alerted to remain on standby for any potential injury cases.</li> <li>• Time: 11:50AM, Latest information received from field that fire is under controlled and total 08 Persons were trapped in fire ,From them 02 are declared dead due to major burned. In this incident 01 Truck is totally damaged and approximately 10-15 Lacs property loss has occurred .</li> </ul> |
| 7. | Detail of disaster response at District level  | <ul style="list-style-type: none"> <li>• Police team and rescue teams/ QRTs on the spot. Search and rescue operation going on. Medical camps are set nearby incident spot. Volunteer of Youth Task Force, Member of concerned VDMC and Aapda Mitra volunteers also reached on the spot to assist for relief and rescue operation.</li> </ul>  |
| 8. | Support required from HPSPDMA  | NA  |

### **SITE-5**

|    |  |   |
|----|--|---|
| 1  | Name of Incident   | <b>Factory Building Damage and Fire Breakout</b>  |
| 2  | Place of Incident & Police Station   | Nestle Factory Tahliwal Tehsil Haroli Distt. Una ,PS Haroli   |
| 3  | Location of Incident (Log./lat.)   | 31.35317N, 76.26705E  |
| 4  | Incident date and time   | 06.06.2025 nearby 10:18AM-10:20AM   |
| 5  | Incident Type  | <b>Factory Building Damage and Fire Breakout</b>  |
| 6  | Detail of losses and damages<br>Human Loss (Name and Address)<br>Dead :- Nil<br>Missing:- Nil<br>Stranded:- Nil<br>Injured: - <b>06</b><br>House Damage:- Nil<br>Cattle Loss:- Nil<br>Stranded:- Nil<br>Cowshed Damaged:- Nil<br>Agriculture Loss:- Nil<br>PWD:- Nil<br>Electricity:- Nil<br>Other if any: Nil | <ul style="list-style-type: none"> <li>• The Police Control Room has informed DEOC Una that a landslide has occurred On 6th June 2025, at approximately 09:30 AM, an earthquake measuring 8.0 on the Richter scale, with its epicenter in Kangra district, impacted several parts of Una district. Strong tremors were reported across industrial and residential zones.</li> <li>• At around 10:18 AM, the District Emergency Operation Centre (DEOC) Una received information from Police Control Room Una regarding a major incident at Nestle India Ltd., Tahliwal, located in the Haroli Sub-Division. As per initial reports, the factory premises have sustained structural damage, and a fire breakout has occurred inside one of the manufacturing blocks.</li> <li>• In response, DEOC Una alerted Tahliwal Fire Station, which has dispatched fire tenders to the site. From PS Tahliwal, SHO Rinku has reached the location for securing the perimeter and assisting in evacuation.</li> <li>• Health Department has been informed to mobilize emergency medical support.</li> <li>• Time: 11:35AM, Latest information received from field that Homeguard QRT reached on time at incident site and total 06 Persons are evacuate from the building and all are under observation. 02 Persons after first aid, referred to CHC Haroli and 04 Persons are minor injured.</li> </ul> |
| 7  | Detail of disaster response at District level  | Police team and rescue teams/ QRTs from Home Guards, Fire on the spot. Search and rescue operation going on. Medical camps are set nearby incident spot. NCC Cadets, Volunteer of Youth Task Force, Member of concerned VDMC and Aapda Mitra volunteers also reached on the spot to assist for relief and rescue operation.   |
| 8. | Support required from HPSDMA   | NA  |



### **Compiled Casualty Report of District Una**

| <b>Sr. No.</b> | <b>Sub. Div.</b> | <b>Simulation Site</b>          | <b>No. of Persons Evacuated</b> | <b>No. of Persons Rescue</b> | <b>No. of Causality</b> | <b>No. of Minor Injured</b> | <b>No. of Major Injured</b> | <b>Observer</b>                         |
|----------------|------------------|---------------------------------|---------------------------------|------------------------------|-------------------------|-----------------------------|-----------------------------|---|
| 1              | Una HQ           | IOCL Pekhubela (MAH Unit)       | 90                              | 10                           | 02                      | 06                          | 02                          | Ins. Ankush Dogra (SHO PS Mehatpur)     |
| 2              |                  | Govt. ITI Una (Boys)            | 60                              | 10                           | 00                      | 06                          | 04                          | Ins. Gaurav Bhardwaj (SHO PS Sadar Una) |
| 3              | Amb              | Pindi Das Ashram & Eye Hospital | 35                              | 07                           | 00                      | 03                          | 04                          | Ins. Anil Kumar (SHO PS Amb)            |
| 4              | Gagret           | AK Puri Petrol Pump             | 20                              | 08                           | 02                      | 02                          | 04                          | Ins. Sunny Guleria (SHO PS Gagret)      |
| 5              | Haroli           | Nestle India Limited Tahliwal   | 100                             | 06                           | 00                      | 04                          | 02                          | Ins. Rinku (SHO PS Tahliwal)            |

## Glimpse of the Exercise









## **Conduct of Evacuation Drill in all the Educational Institution of District Una:**

An evacuation drill was conducted in all schools, colleges, ITIs and other educational institutions on 06-06-2025 at 11:00 AM and head count/roll call was conducted in the designated/ Assembly area. During the drill, students/ staff were given a lecture by the Headmaster/ Principal on Do's and Don'ts on Earthquake and landslides.









# आपदा के दौरान फंसे लोगों को किया रैस्क्यू, एम्बुलेंस से घायलों को पहुंचाया अस्पताल

## जिला ऊना के 5 संस्थानों पर राज्य स्तरीय मैगा मॉक ड्रिल आयोजित

ऊना, 6 जून (संवाद): हिमाचल प्रदेश राज्य आपदा प्रबंधन प्राधिकरण व राष्ट्रीय आपदा प्रबंधन प्राधिकरण के संयुक्त तत्वावधान में शुक्रवार को जिला ऊना के 5 संस्थानों पर राज्य स्तरीय मैगा मॉक ड्रिल का आयोजन किया गया।

ऊना उपमंडल के पेरुखेल स्थित इंडियन ऑयल कॉर्पोरेशन लिमिटेड (आई.ओ.सी.एल.) टर्मिनल में पेट्रोलियम शोध भंडारण इकाई व राजकीय औद्योगिक प्रशिक्षण संस्थान ऊना (जाय.भवन), अन्य उपमंडल में सिंडी दास आराम एवं नैत्र चिकित्सालय, गगरेट में ए.के. पुरी पेट्रोल पम्प तथा इटली उपमंडल में टाइनलवाल स्थित नैसले इंडिया लिमिटेड औद्योगिक इकाई में विभिन्न आपदाकालीन परिदृश्यों की स्थिति का बचक रकत और बचाव कार्य के त्वरित प्रतिक्रियात्मक कार्यों पर पूर्वाभ्यास किया गया।

इस दौरान आपदा प्रबंधन से जुड़े तकनीकी पहलुओं के साथ-साथ प्रशासनिक इंतजामों को भी परखा गया, जबकि जिला मुख्यालय स्थित एन.आई.सी. केंद्र में इस पूर्वाभ्यास रैस्क्यू ऑपरेशन की निगरानी सहायक आयुक्त वीरेंद्र शर्मा ने की।

उन्नीस बलाया कि इस मॉक ड्रिल में चिकित्सक स्थलों पर पहुंचे और अग्निशमन दल भी परिदृश्य पैदा किए गए और ऐसी परिस्थितियों में राहत एवं बचाव कार्य के सुनिश्चित होने से प्रबंधन की त्वरित प्रतिक्रियात्मक क्षमताओं, मौजूदा मशीनों और जिला प्रशासनिक इंतजामों का मूल्यांकन किया गया।

जिला ऊना में अलर्ट जारी होते ही मुख्यालय से चिकित्सक स्थलों पर अग्निशमन

विभाग की गतिविधियां संचालन के साथ-साथ की गई और आपदा प्रबंधन की योजनाबद्ध तरीके से त्वरित प्रतिक्रिया सुनिश्चित की गई। इस दौरान आम लोगों को आपदा स्थिति में आवश्यक सावधानियों बताने, प्राथमिक कदमों के बताने और अन्य सुझाव के लिए सामने मौजूद मंचमार्चों का दृष्टि को तहत व्यर्थपूर्ण करने वाले भी जागरूक किया गया।

## मॉक ड्रिल में कहां क्या परिदृश्य रहा

मॉक ड्रिल में प्रातः करीब 10 बजे जिला के पेरुखेल स्थित इंडियन ऑयल (ओ.सी.एल.) टर्मिनल पर टाइनलवाल स्थित नैसले इंडिया लिमिटेड कारखाने के अग्निशमन विभाग के अधिकारी उपस्थित रहे, जहां टी.डी.आई. ऊना में भूगर्भ से भ्रमण करने, अन्य में भारी बारिश के कारण भूस्खलन से अस्पताल भवन का हिस्सा ढहने का परिदृश्य बनाया गया, जिसकी सूचना प्राप्त होते ही जिला प्रशासन तुरंत हरकत में आ गया। जिला आपदा प्रबंधन प्राधिकरण के तत्वावधान में राहत प्रदाताओं द्वारा ही तमाम अग्निशमन मशीनों, उपकरणों, अग्निशमन के मुआयना कार्य में जुट गए।

उन्नीस बलाया कि इस मॉक ड्रिल में कहां ड्राफ्ट सपोर्ट आपदा प्रबंधन से जुड़ी सभी शराइयें बांधी गईं। इसी दौरान कमांड पोस्ट में 5 जगहों के आपदा प्रभावित होने की सूचना प्राप्त हुई। इसमें जिला ही टाइनलवाल पर मौजूद त्वरित प्रतिक्रिया दल के सदस्यों को भी शामिल किया। टी.डी.आई. ऊना में भूगर्भ से भ्रमण के दौरान भूस्खलन का परिदृश्य बनाया गया। ये टी.डी.आई. ऊना पर हुए कर राहत बचाव कार्य में जुट गईं हैं, जिसमें एन.डी.आर.एफ. और एन.डी.ओ.आर.एफ. की टीमी को भी सहयोग दिया गया।



ऊना अभ्यास: पेरुखेल स्थित इंडियन ऑयल कॉर्पोरेशन लिमिटेड (आई.ओ.सी.एल.) टर्मिनल में आयोजित मॉक ड्रिल के दौरान राहत और बचाव कार्य के त्वरित प्रतिक्रियात्मक कार्यों पर पूर्वाभ्यास करते टाइनलवाल व अन्य तथा (एन) एमबी पीडीएस जल नौ प्रशासन आलय में सभी खड़े में कारवाई गई लैंड स्टाफ मॉक ड्रिल के दौरान मंच में दृश्य तालों को निकालते हुए राहत एवं बचाव कार्य।



अन्य: स्वामी पिंडी दास जी भवन पर अभ्यास से सटी खड़े में कारवाई गई लैंड स्टाफ मॉक ड्रिल के दौरान एन.डी.ओ.आर.एफ. व विभिन्न विभागों के अधिकारी एवं कर्मचारी।

ऊना के इंडियन ऑयल कार्पोरेशन लिमिटेड, टर्मिनल के पेरुखेल में तेल रिहाज से अग्निलोप की दुर्घटना तथा उसमें करीब 90 बलाया भी रैस्क्यू किया गया। आई.टी.आई. ऊना में 60, नैसले इंडिया टाइनलवाल से 100, अन्य अस्पताल से 35 तथा गगरेट पेट्रोल पम्प में लगी आग से 20 लोगों को बाहर निकालने की प्रक्रिया में अग्निरक्षक बल और आपदा प्रबंधन के हर खलु पर गौर किया गया। इस



ऊना अभ्यास: पेरुखेल स्थित इंडियन ऑयल कॉर्पोरेशन लिमिटेड (आई.ओ.सी.एल.) टर्मिनल में आयोजित मॉक ड्रिल के दौरान राहत और बचाव कार्य के त्वरित प्रतिक्रियात्मक कार्यों पर पूर्वाभ्यास करते टाइनलवाल व अन्य तथा (एन) एमबी पीडीएस जल नौ प्रशासन आलय में सभी खड़े में कारवाई गई लैंड स्टाफ मॉक ड्रिल के दौरान मंच में दृश्य तालों को निकालते हुए राहत एवं बचाव कार्य।



अन्य: स्वामी पिंडी दास जी भवन पर अभ्यास से सटी खड़े में कारवाई गई लैंड स्टाफ मॉक ड्रिल के दौरान एन.डी.ओ.आर.एफ. व विभिन्न विभागों के अधिकारी एवं कर्मचारी।

पूरे घटनाक्रम में स्टेटिव पुलिस, फार्मिग और लॉजीस्टिकल पोस्ट, रैस्क्यू ब्रिगेड, रास्तेबल करने की मशीनों का उपयोग, घायलों को मॉक पर मेडिकल सहायता देने, एम्बुलेंस से घायलों को अस्पताल ले जाने, प्रभावितों को राहत शिविरों में पहुंचाने, राशन वितरण व्यवस्था देखने समेत स्थिति को सामान्य बनाने से जुड़े आपदा प्रबंधन के हर खलु पर गौर करने के साथ सभी उपलों को परखा गया।

## मॉक ड्रिल के उपरांत दी कीडबैक

मॉक ड्रिल पूर्ण होने के उपरांत राज्य मुख्यालय सिमला से राज्य आपदा प्रबंधन प्राधिकरण के अग्निशमन विभाग के अध्यक्ष व अन्य अधिकारियों से बातचीत हुई और अगुआ पर सभी जिलों से कीडबैक ली। इस दौरान स्वयंसेवक अगुआ परिरंट शर्मा ने जिले में मॉक ड्रिल के सकारात्मक व विचारणीय विचारों की जानकारी दी।

# ऊना में 5 संस्थानों पर मैगा मॉक ड्रिल

आपदा प्रबंधन से जुड़े तकनीकी पहलुओं के साथ-साथ प्रशासनिक इंतजामों को भी परखा

## संवाद अनुसार

ऊना, 6 जून: हिमाचल प्रदेश राज्य आपदा प्रबंधन प्राधिकरण व राष्ट्रीय आपदा प्रबंधन प्राधिकरण के संयुक्त तत्वावधान में शुक्रवार को जिला ऊना के 5 संस्थानों पर राज्य स्तरीय मैगा मॉक ड्रिल का आयोजन किया गया।

ऊना उपमंडल के पेरुखेल स्थित इंडियन ऑयल कॉर्पोरेशन लिमिटेड (आई.ओ.सी.एल.) टर्मिनल में पेट्रोलियम शोध भंडारण इकाई व राजकीय औद्योगिक प्रशिक्षण संस्थान ऊना (जाय.भवन), अन्य उपमंडल में सिंडी दास आराम एवं नैत्र चिकित्सालय, गगरेट में ए.के. पुरी पेट्रोल पम्प तथा इटली उपमंडल में टाइनलवाल स्थित नैसले इंडिया लिमिटेड औद्योगिक इकाई में विभिन्न आपदाकालीन परिदृश्यों की स्थिति का बचक रकत और बचाव कार्य के त्वरित प्रतिक्रियात्मक कार्यों पर पूर्वाभ्यास किया गया।

इस दौरान आपदा प्रबंधन से जुड़े तकनीकी पहलुओं के साथ-साथ प्रशासनिक इंतजामों को भी परखा गया। जबकि जिला मुख्यालय स्थित एन.आई.सी. केंद्र में इस पूर्वाभ्यास रैस्क्यू ऑपरेशन की निगरानी सहायक आयुक्त वीरेंद्र शर्मा ने की। उन्नीस बलाया कि इस मॉक ड्रिल में चिकित्सक स्थलों पर पहुंचे और अग्निशमन दल भी परिदृश्य पैदा किए गए और ऐसी परिस्थितियों में राहत एवं बचाव कार्य के सुनिश्चित होने से प्रबंधन की त्वरित प्रतिक्रियात्मक क्षमताओं, मौजूदा मशीनों और जिला प्रशासनिक इंतजामों का मूल्यांकन किया गया।



मॉक ड्रिल के दौरान आपदा बचाव गतिविधियां करते तत्काल रिहाज कार्यकारी।

कावच कार्य के सुनिश्चित होने से प्रबंधन की त्वरित प्रतिक्रियात्मक क्षमताओं, मौजूदा मशीनों और जिला प्रशासनिक इंतजामों का मूल्यांकन किया गया। जिला ऊना में अलर्ट जारी होते ही जिला मुख्यालय से चिकित्सक स्थलों पर अग्निशमन विभाग की गतिविधियां संचालन के साथ-साथ की गई और आपदा प्रबंधन की योजनाबद्ध तरीके से त्वरित प्रतिक्रिया सुनिश्चित की गई। इस दौरान आम लोगों को आपदा स्थिति में आवश्यक सावधानियों बताने, प्राथमिक कदमों के बताने और अन्य सुझाव के लिए सामने मौजूद मंचमार्चों का दृष्टि को तहत व्यर्थपूर्ण करने वाले भी जागरूक किया गया।

## तकनीकी व व्यवहारिक समस्याएं पहचानी

विचारित करने के बाद कि इस मॉक ड्रिल का उद्देश्य आपदा के समय में त्वरित प्रशासन की अगुआई प्रशासनिक इंतजामों का मूल्यांकन करना था। इसमें इतिहास में लगे काले समय, सम्पन्न में गौर समेत अन्य कर्मियों को जांच राख, साथ ही फोल्ड में अपने बालों व्यावहारिक सम्पन्नओं को पहचान की गई, जिसमें आगे मुख्यालय कदम उठा कर आपदा प्रबंधन योजना को और बलवर बनाने में मदद मिलेगी। उन्नीस बलाया कि बरसदा बर मौसम में सम्पन्नों भारी बारिश, कद, मुख्यालय और नौटिक के तत्काल में बहावों से आपदा की स्थिति बनती है।

## मॉक ड्रिल का परिदृश्य

मॉक ड्रिल में प्रातः करीब 10:00 बजे जिला के पेरुखेल स्थित इंडियन ऑयल (ओ.सी.एल.) टर्मिनल पर टाइनलवाल स्थित नैसले इंडिया लिमिटेड कारखाने के अग्निशमन विभाग के अधिकारी उपस्थित रहे, जहां टी.डी.आई. ऊना में भूगर्भ से भ्रमण करने, अन्य में भारी बारिश के कारण भूस्खलन से अस्पताल भवन का हिस्सा ढहने का परिदृश्य बनाया गया, जिसकी सूचना प्राप्त होते ही जिला प्रशासन तुरंत हरकत में आ गया। जिला आपदा प्रबंधन प्राधिकरण के तत्वावधान में राहत प्रदाताओं द्वारा ही तमाम अग्निशमन मशीनों, उपकरणों, अग्निशमन के मुआयना कार्य में जुट गए। इसी बीच उच्चतम कालांतर में कहीं कहां ड्राफ्ट सपोर्ट आपदा प्रबंधन से जुड़ी सभी शराइयें बांधी गईं। इसमें एन.डी.आर.एफ. और एन.डी.ओ.आर.एफ. की टीमी को भी सहयोग दिया गया। ऊना के इंडियन ऑयल कार्पोरेशन लिमिटेड, टर्मिनल के पेरुखेल में तेल रिहाज से आग लगने की दुर्घटना तथा उसमें करीब 90 कारखानों को रैस्क्यू किया गया। आई.टी.आई. ऊना में 60, नैसले इंडिया टाइनलवाल से 100, अन्य अस्पताल से 35 तथा गगरेट पेट्रोल पम्प में लगी आग से 20 लोगों को बाहर निकालने की प्रक्रिया में अग्निरक्षक बल और आपदा प्रबंधन के हर खलु पर गौर किया गया। इस पूरे घटनाक्रम में स्टेटिव पुलिस, फार्मिग और लॉजीस्टिकल पोस्ट, रैस्क्यू ब्रिगेड, रास्तेबल करने की मशीनों का उपयोग, घायलों को मॉक पर मेडिकल सहायता देने, एम्बुलेंस से घायलों को अस्पताल ले जाने, प्रभावितों को राहत शिविरों में पहुंचाने, राशन वितरण व्यवस्था देखने समेत स्थिति को सामान्य बनाने से जुड़े आपदा प्रबंधन के हर खलु पर गौर करने के साथ सभी उपलों को परखा गया।



# सायरन बजते ही अग्निशमन विभाग की गाड़ियां घटनास्थल के लिए खाना

आपात स्थिति से निपटने के लिए हुई मेगा मॉक ड्रिल, राहत एवं बचाव कार्यों की तैयारी को परखा

संवाद न्यूज एजेंसी

ऊना। हिमाचल प्रदेश राज्य आपदा प्रबंधन प्राधिकरण व राष्ट्रीय आपदा प्रबंधन प्राधिकरण के संयुक्त तत्वाधान में बीरवार को जिला ऊना के कुल पांच संस्थानों पर राज्य स्तरीय मेगा मॉक ड्रिल का आयोजन किया गया।

ऊना उपमंडल के पेखुबेला स्थित इंडियन ऑयल कॉर्पोरेशन लिमिटेड (आईओसीएल) टर्मिनल में पेट्रोलियम थोक भंडारण इकाई व राजकीय औद्योगिक प्रशिक्षण संस्थान, ऊना (छात्र भवन), अम्ब उपमंडल में पिंडी दास आश्रम एवं नेत्र चिकित्सालय, गगरेट में एके पुरी पेट्रोल पंप तथा हरोली उपमंडल में टाहलीवाल स्थित नेस्ले इंडिया लिमिटेड औद्योगिक इकाई में विभिन्न आपातकालीन परिदृश्यों की स्थितियां बनाकर राहत और बचाव कार्यों की त्वरित प्रतिक्रियात्मक कार्यवाई पर पूर्वाभ्यास किया गया।

इस दौरान आपदा प्रबंधन से जुड़े तकनीकी पहलुओं के साथ-साथ प्रशासनिक इंतजामों को भी परखा गया। जिला मुख्यालय स्थित एनआईसी केन्द्र में इस पूर्वाभ्यास की निगरानी सहायक आयुक्त वरिन्द्र शर्मा ने की। उन्होंने बताया कि इस मॉक ड्रिल में चिह्नित स्थलों पर भूकंप और आगजनी



ऊना में आयोजित मॉक ड्रिल के अभ्यास करती प्रशासन की टीम। फोटो : विभाग

जैसे परिदृश्य पैदा किए और ऐसी परिस्थितियों में राहत एवं बचाव कार्यों के सुनियोजित ढंग से प्रबंधन की त्वरित प्रतिक्रियात्मक क्षमताओं, मौजूद मशीनरी और जिला प्रशासनिक इंतजामों का मूल्यांकन किया गया।

जिला ऊना में अलर्ट जारी होते ही मुख्यालय से चिह्नित स्थलों पर अग्निशमन विभाग की गाड़ियां सायरन के साथ खाना की गई और आपदा प्रबंधन की योजनाबद्ध तरीके से त्वरित प्रतिक्रिया सुनिश्चित की गई। इस दौरान आम लोगों को आपात स्थिति में आवश्यक सावधानियां बरतने, प्राथमिक कदमों के पालन और आत्म सुरक्षा के लिए सामने मौजूद संसाधनों का टल की तरह

इस्तेमाल करने बारे भी जागरूक किया गया। जिला प्रशासन ने पूरी मॉक ड्रिल को वास्तविक घटना की तरह लेकर ही अपनी प्रतिक्रिया की और असल घटना की तरह ही आपदा प्रबंधन की जिम्मेदारी को अंजाम दिया गया।

इंडियन ऑयल कॉर्पोरेशन लिमिटेड टर्मिनल के पेखुबेला में तेल रिसाव से आग लगने की दुर्घटना तथा उसमें फंसे 90 कामगारों को रेस्क्यू किया गया। आईटीआई ऊना में 60, नेस्ले इंडिया टाहलीवाल से 100, अंब अस्मताल से 35 तथा गगरेट पेट्रोल पंप में लगी आग से 20 लोगों को बाहर निकालने की प्रक्रिया को अंजाम दिया गया और आपदा प्रबंधन के हर पहलु पर गौर किया गया।



ऊना में आयोजित मॉक ड्रिल में घायल को ऊपरी मंजिल से उतारते सुरक्षा कर्मी फोटो : विभाग

### **Gaps identified during the course of Exercise:**

- Some members of IRT are not much clear about their actual role in the IRS.
- During major disasters or emergency situations the number of wireless communication channels in the district is inadequate, making it difficult to coordinate immediately with all concerned officials, departments and agencies.
- Regional Hospital Una has a bed capacity of 200, however, the staff available can cater to only 100 patients at a given time. There is no dedicated burn unit to care for more than 2 burn injured patients. Thus, RH Una may be unable to cope with an emergency situation without external assistance.
- Owing to the perpetual expansion of industrial pockets in the district, special focus needs to be given to Capacity Building and Planning for Industrial Hazards.

### **Way Forward:**

- Strength training and psycho social capacity building of QRTs will be planned for district level respons agencies. Home Guard and Fire fighting QRT should trained for Chemical, biological, radiological and nuclear (CBRN) trainings.
- Regular trainings for IRS will be conducted at district level as well as for the IRTs at sub division level.
- On site/off site DM Plans of Industrial pockets of Gagret, Mehetpur and Tahliwal will be assessed by DDMA and Department of Industries, Una.
- Cold stores can be converted into makeshift mortuaries in case of a big disaster.
- Local Sabzi Mandis can be considered as a good alternative for establishing Relief Camps and temporary Medical Aid Post.
- Develop and regularly update a GIS-based map of critical resources (hospitals, shelters, equipment, etc.) to enable faster response and better logistics planning.