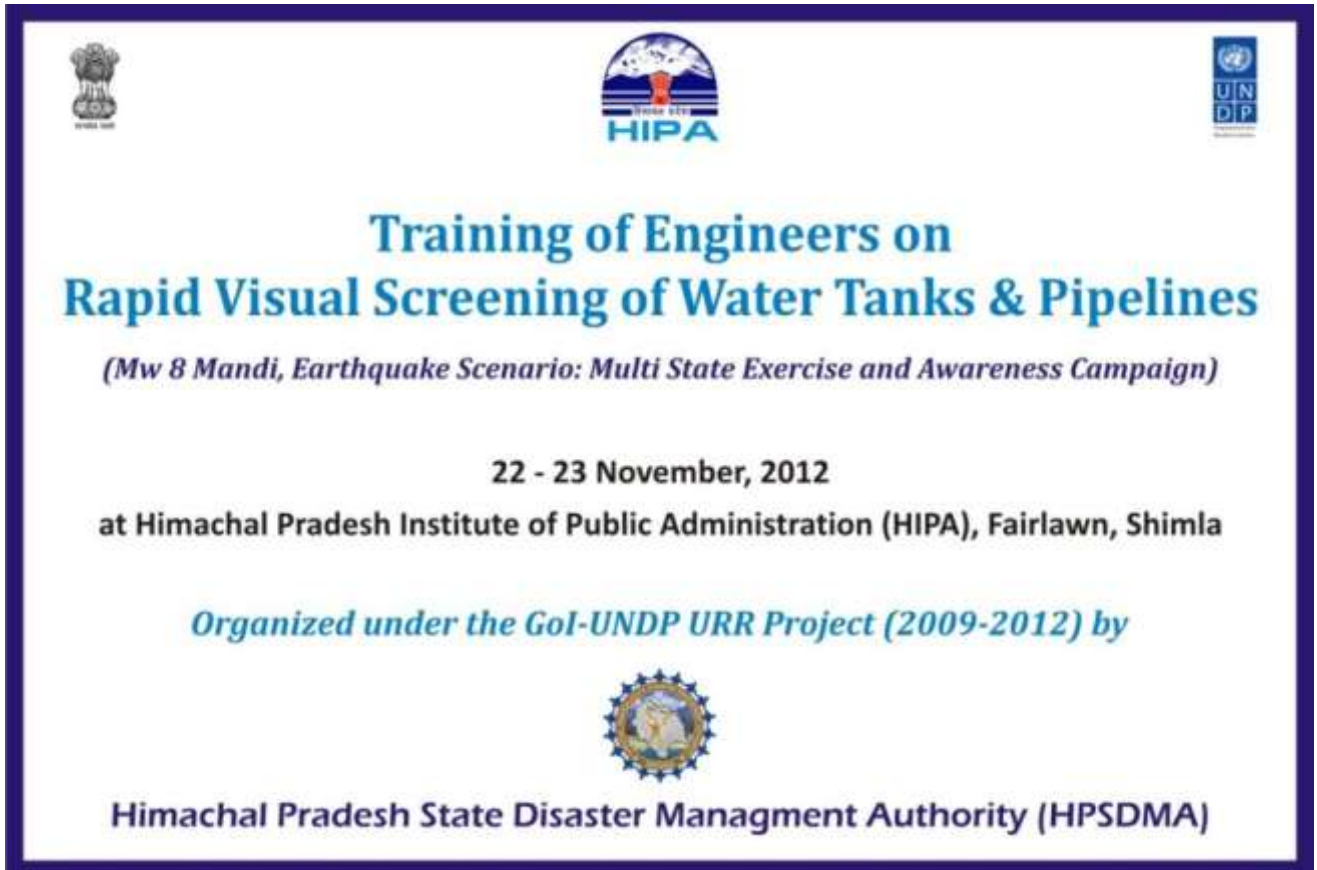


**A Report on 'Mw = 8 Mandi, Earthquake Scenario-
A Multi State Exercise and Awareness Campaign and Mock Drill'**

Training of Engineers (I&PH Department) on Rapid Visual Screening (RVS) of Water Tanks & Pipelines

22-23 November, 2012 Fairlawn, Shimla, Himachal Pradesh

Under GoI-UNDP DRR Programme (2009-2012)



A 2-day training of Engineers (Irrigation & Public Health Department) on Rapid Visual Screening (RVS) of Water Tanks & Pipelines was organized under the GOI-UNDP Disaster Risk Reduction Programme (2009-2012) from 22nd to 23rd of November, 2012 at HIPA, Fairlawn, Shimla. Dr. CVR Murty, Professor, Civil Engineering Department, IIT Madras was the key Resource Person for this training. 22 Engineers from the I&PH Department participated in the training and learnt the conceptual and practical aspects of conducting a Rapid Visual Screening of Water Tanks & Pipelines.

Following topics were mainly covered during the training:

- Background on Pipeline Assessment
- Discussion on Pipeline Assessment Form
- Background on Water Tank Assessment
- Discussion on Water Tank Assessment Form

Training Schedule

Day 1- 22/11/2012

10.00 – 10.30 AM	Registration and Welcome Address
10:30 - 11:30 AM	Background on Pipeline Assessment
11:30 - 12:30 AM	Discussion on Pipeline Assessment Form
12:30 - 01:00 PM	Question Hour on Pipelines
01:00 - 02:00 PM	Lunch Break
02:00 - 03:00 PM	Background on Water Tank Assessment
03:00 - 04:00 PM	Discussion on Water Tank Assessment Form
04:00 - 04:30 PM	Tea
04:30 - 05:00 PM	Question Hour on Water Tanks

Day 2- 23/11/2012

10:30 - 11:15 AM	On Bus to the Site of Pipeline – Govt. Colony Kasumpti
11:15 - 12:00 AM	Field Visit of Pipelines
12:00 - 12:30 PM	Field Visit of Water Tank
12:30 - 01:15 PM	On Bus to HIPA
01:15 - 02:00 PM	Lunch Break
02:00 - 03:00 PM	Pipeline Assessment
03:00 - 04:00 PM	Water Tank Assessment
04:00 - 04:30 PM	Tea Break
04:30 - 05:00 PM	Question Hour and Closing

Documents and Handouts:

1. *Rapid Assessment of Seismic Safety of Elevated Water Tanks with FRAME Staging* (Circular Columns) with RVS Form
2. *Rapid Evaluation of Seismic Safety of Elevated Water Tanks with FRAME Staging* (Rectangular Columns) with RVS Form
3. *Rapid Assessment of Seismic Safety of Elevated Water Tanks with Shaft Staging* with RVS Form
4. *Rapid Assessment of Seismic Safety of Buried Continuous Pipelines* with RVS Form

GROUP PHOTOGRAPH OF THE PARTICIPANTS



PHOTOGRAPHS TAKEN DURING THE TRAINING PROGRAMME



LIST OF PARTICIPANTS

#	Name	Designation/ Department	District	Contact No.	Email
1	Er. Arvind Kumar Verma	AE/I&PH	Bilaspur	9418488098	arvindverma69@rediffmail.com
2	Er. Rakesh Kumar Vaidya	AE/IPH	Bilaspur	9418487300	rakeshvaidya.2007@gmail.com
3	Er. Anand Swarup Sharma	EE/IPH	Una	9816418442	eeiphuna@gmail.com
4	Er. KS Bhatia	AE/IPH	Una	9816351125	ksbhatia46@gmail.com
5	Er. Hamminder, Chona	AE/IPH	Chamba	9418111612	hamminder@yahoo.com
6	Er. Rahul Dhiman	AE/IPH	Chamba	9418249613	rahuldhiman3@gmail.com
7	Er. Hariprakash Bhardwaj	AE/IPH	Kullu	9418060438	aeiphbanjar@gmail.com
8	Er. Rahul Abrol	AE(D)/IPH	Kullu	9418034034	abrol_rahul27@rediffmail.com
9	Er. Upendra Vaidya	EE/IPH	Kullu	9418200009	upender_vaidya@yahoo.com
10	Er. Bharat Bhushan Goel	AE/IPH	Kullu	9418035952	bbgoel.29@gmail.com
11	Er. Rajmal Thakur	Ex. Engineer/IPH	Mandi	9418544425	thakurrajmal@gmail.com
12	Er. Deepak Garg	Ex.Engineer/I PH	Kangra	9418465461	deepakgarg5461@gmail.com
13	Er. Vishal Jaswal	Asst. Engineer/IPH	Kangra	9816428999	vthakur51@rediff.com
14	Er. Manoj Kumar Negi	AE/IPH	Kinnaur	9459246475	sharmaprabhat42@gmail.com
15	Er. PC Sharma	JE/IPH	Kinnaur	9418470876	
16	Er. RS Negi	AE/IPH	Kinnaur	9418986931	rsnegi2072@gmail.com
17	Er. Basant Rathour	AE/IPH	Shimla	9418045638	basantsinghrathour@yahoo.com
18	Er. Param jit singh	AE/IPH	Shimla	9857914504	

19	Er. Babu Ram	AE/IPH	Shimla	9418455240	
20	Er. PR Chauhan	AE/IPH	Solan	9418453169	
21	Er. Jitender Garg	AE/IPH	Hamirpur	9418473100	jitenderiph@gmail.com
22	Er. Amit	AE/IPH	Lahaul & Spiti	9418489847	amit_mirupa@indiatimes.com