

**TERI –APN- Government of Uttarakhand  
Training program on Urban Climate Change Resilience**

**8-10 April, 2015**

**Venue: Hotel Pacific, Subhash Road, Dehradun**

<b>Day 1(8.4.2015)- Day long orientation program for elected representatives</b>		
10:00 AM - 10:45 AM	Registration	
10:45 AM - 11:00 AM	Opening ceremony	
11:00 AM - 11:15 AM	Welcome address	Ms Mili Majumdar Director, Sustainable Habitat Division, TERI
11:15 AM - 11:25 AM	Inaugural Address	Mr D S Garbyal Secretary, Urban Development Department, Government of Uttarakhand
11:25 AM - 11:40 AM	Special Address	Mr Vinod Chamoli Mayor, Dehradun
11:40 AM - 12:00 PM	Keynote Address	Mr Pritam Pawar Hon'ble Minister, Urban Development
12:00 PM - 12:30 PM	Group photograph followed by High Tea	
12:30 PM - 12:45 PM	Climate change and its impact on cities	Ms Rozita Singh Research Associate, Sustainable Habitat Division, TERI
12:45 PM - 1:00 PM	Challenges and opportunities for building resilience in Indian cities – Role of political leadership	Dr Divya Sharma Fellow and Area Convener, Sustainable Habitat Division, TERI
1:00 PM - 1:15 PM	Documentary screening	
1:15 PM - 2:00 PM	Lunch	
2:00 PM - 2:30 PM	Application of GIS tools and techniques for better urban planning	Dr Sandeep Maithani Scientist, Department of Urban And Regional Studies, IIRS, Dehradun
2:30 PM - 3:00 PM	Introduction to climate modeling and its role in city assessments	Mr Saurabh Bhardwaj Associate Fellow, Earth Sciences & Climate Change Division, TERI
3:00 PM - 3:30 PM	Risk and Vulnerability Assessment methodologies- Concepts and Application	Mr Anup Karanth Director, TARU Leading Edge Pvt. Ltd., Delhi
3:30 PM - 4:00 PM	Governance and Financing mechanisms for implementing urban resilience	Mr V N Alok Coordinator, Centre for Urban Studies and Associate Professor of Public Finance Indian Institute of Public Administration, Delhi
4:00 PM - 4:15 PM	Tea	
4:15 PM - 4:45 PM	Special guest lecture on Disaster management	Mr Piyoosh Rautela Executive Director, Department of Disaster management, Government of Uttarakhand
4:45 PM - 5:00PM	Vote of Thanks and Certificate distribution	

## Day 2 (9.4.2015)- Capacity Building Program for Municipal Officials

10:00 AM - 10:30 AM	Registration	
10:30 AM - 10:45 AM	Welcome address and Introduction to the TERI-APN program, TERI's work on urban resilience	Dr Divya Sharma Fellow, Sustainable Habitat Division, TERI
10:45 AM - 11:15 AM	Special Address	Mr D S Garbyal Secretary, Urban Development Department, Government of Uttarakhand
11:15 AM - 11:30 AM	Inaugural Address	Dr V Shanmugham Additional Secretary and Director, Urban Development Department, Government of Uttarakhand
11:30 AM - 11:45 AM	High Tea	
11:45 AM - 12:15 PM	Climate change and its impact on cities: Introduction to urban climate resilience	Ms Rozita Singh Research Associate, Sustainable Habitat Division, TERI
12:15 PM - 12:45 PM	Climate Modeling and its application in cities	Mr Saurabh Bhardwaj Associate Fellow, Centre for Global Environmental Research, Earth Science and Climate Change Division, TERI
12:45 PM - 1:00 PM	Group Photograph	
1:00 PM - 1:30 PM	Lunch	
1:30 PM - 2:00 PM	Documentary screening	
2:00 PM - 2:30 PM	Implementation Support and Finance for building urban resilience	Mr Alok Shiromani Urban Finance Expert, Delhi
2:30 PM - 3:00 PM	Risk and Vulnerability Assessment methodologies- Concepts and Application	Mr Anup Karanth Associate Director, TARU Leading Edge Ltd., Delhi
3:00 PM - 4:30 PM	Group Exercise & Discussion (Breakaway team exercises followed by team presentations and discussions)	
4:30 PM - 4:40 PM	Summing up for the day and introduction to day 2	Dr Divya Sharma Fellow, Sustainable Habitat Division, TERI

<b>Day 3 (10.4.2015)- Capacity Building Program for Municipal Officials</b>		
10:00 AM - 10:30 AM	Registration	
10:30 AM - 11:00 AM	Application of GIS tools and techniques for better urban planning	Dr P K Joshi Professor and Head, Department of Natural Resources, TERI University
11:00 AM - 11:20 AM	Role of governance- policy and institutions for mainstreaming urban climate change resilience	Dr Divya Sharma Fellow, Sustainable Habitat, TERI
11:20 AM - 11:30 AM	TEA	
11:30 AM - 12:00 PM	Disaster Risk reduction in Urban areas	Mr Piyoosh Rautela Executive Director, Department of Disaster management, Government of Uttarakhand
12:00 PM - 12:45 PM	Group Exercise & Discussion (Breakaway team exercises followed by team presentations and discussions)	
12:45 PM - 1:00 PM	Summing up for the day and Vote of Thanks	Dr P K Joshi Professor and Head, Department of Natural Resources, TERI University
1:00 PM - 1:30 PM	Distribution of certificates and Group Photograph	
1:30 PM	Lunch	