



Department of Personnel and Training
Ministry of Personnel, Public Grievances and Pensions
Government of India



The Energy and Resources Institute

TRAINING PROGRAMME ON CLIMATE CHANGE AND STATE PREPAREDNESS: IMPACTS, VULNERABILITY AND ADAPTATION

15th -19th September, 2014

Venue: Seminar Hall, Ground Floor
The Energy and Resources Institute
Darbari Seth Block
IHC Complex, Lodhi Road
New Delhi-110003

Sponsored by

Department of Personnel and Training
Ministry of Personnel, Public Grievances and Pensions
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Day 1: 15th September, 2014	
0930-1015	Registration and Tea (TERI Multimedia)
1015-1115	INAUGURAL SESSION
1015-1025	<p>Welcome address <i>Dr. Prodipto Ghosh, Distinguished Fellow and Director, Earth Science and Climate Change Division, TERI</i></p>
1025-1045	<p>Special Address <i>Amb. (Retd.) Ajai Malhotra, Distinguished Fellow, TERI</i></p>
1045-1050	<p>Overview of the programme structure <i>Ms. Divya Mohan, Associate Fellow, Earth Science and Climate Change Division, TERI</i></p>
1050-1100	<p>Programme logistics <i>Mr. Dinesh Varma, Director-Training & Infrastructure, TERI</i></p> <p>Group Photograph</p>
Technical session-I 1115-1230	<p><i>The Science of Climate Change</i> <i>The purpose of this session will be to provide a basic understanding behind the science and causes of climate change including key concepts and terminologies, various models that are in application. The participants will also be provided with an understanding of the uncertainties associated with climate modeling studies and infrastructural and technical capabilities that need to be built in order to minimize those.</i></p> <p><i>Mr. Saurabh Bhardwaj, Associate Fellow, Center for Global Environment Research, TERI</i></p>
1230-1300	<i>Interaction with Dr. R.K Pachauri, Director-General, TERI</i>
1300-1345	<i>Lunch</i>
Technical Session – II 1345 – 1730	<i>Climate Change discourse in International Context</i>
1345-1445	<p><i>Climate Change negotiations under the UNFCCC</i> <i>Amb. Chandrashekhar Dasgupta, Distinguished Fellow, TERI</i></p>
1445-1545	<p><i>REDD+: An opportunity for carbon based forest financing</i> <i>Dr. JV Sharma, Senior Fellow, TERI</i></p>
1545 – 1600	<i>Tea/Coffee Break</i>

1600 -1700	Low Carbon Development Pathways <i>Dr. Ritu Mathur, Senior Fellow, Green Growth and Resource Efficiency, TERI</i>
1700-1730	<i>Discussion</i>
Day 2: 16th September, 2014	
0930-1000	Feedback and Recap of Day 1
Technical session – III 1000-1245	Climate change impacts, vulnerability and adaptation <i>The session will highlight the findings of major studies on climate change impacts and vulnerabilities and also discuss the concepts, approaches and methods for vulnerability assessment, what it entails and its application in policy planning. Further to this, sector-specific impacts and vulnerabilities will be discussed.</i>
1000-1100	<i>Overview of Climate change impacts and vulnerability: Implications for India</i> Ms. Suruchi Bhadwal, Associate Director, Earth science and Climate Change Division, TERI
1100-1130	<i>Discussion</i>
1130-1145	<i>Tea break</i>
1145–1215	<i>Overview presentation on Adaptation</i> Ms. Divya Mohan, Associate Fellow, Earth Science and Climate Change Division, TERI
1215-1245	<i>Discussion</i>
1245-1330	<i>Lunch with the Directors of TERI (Venue: 5th Floor)</i>
Technical Session IV 1330 – 1530	Panel discussion: India’s approach towards addressing the major vulnerabilities and designing response mechanisms/adaptation strategies <i>Chair: Dr. Dhar Chakraborti, Distinguished Fellow, TERI</i> Panelists: Water <i>Dr. Shresth Tayal, Fellow, Water resources Division, TERI</i> Extreme Events <i>Prof. Santosh Kumar, Director, SAARC Disaster Management Centre</i> Cities and urban development <i>Dr. Divya Sharma, Sustainable Habitat Division, TERI</i> Forest & Biodiversity <i>Dr. Ashish Agarwal, Fellow, Forestry and Biodiversity, TERI</i>

1530-1545	Tea Break
1545-1730	<i>Perspectives on equity issues related to Climate Change</i> Dr. Prodipto Ghosh, Distinguished Fellow and Director, Earth Science and Climate Change Division, TERI
Day 3: 17th September, 2014	
0930-1000	Feedback and recap of Day 2
Technical Session V 1000-1115	<i>Financing Action on Climate Change – International context</i> Ms. Rajasree Ray, Additional Economic Advisor, Ministry of Finance
1115 – 1130	Tea/Coffee Break
1130- 1230	Showcasing of films and Videos related to climate change
1230-1300	Departure for Field Site at Gual Pahari, Gurgaon
1300-1400	<i>Lunch at TERI-Retreat, Gual Pahari</i>
Technical Session –VI 1400-1700	Action to Mitigate Climate Change: A field trip to understand the technology and policy choices for controlling GHG emissions followed by facilitated discussions <i>Visit to TERI Gual Pahari facility will help participants gain insights into the innovations and initiatives which have been implemented on-ground, offering practical and sustainable solutions to cope with the challenges posed by climate change.</i> Ms. Swati Agarwal, Research Associate, Earth Science and Climate Change Division, TERI
1630-1700	Tea/Coffee
1700-1730	Return to TERI, IHC
Day 4: 18th September, 2014	
0930-1000	Feedback and Recap of Day 3
Technical session – VII 1000-1330	India's Response to Climate Change <i>This session will provide an overview on the NAPCC, the vision and goals of the eight strategic missions and approach for implementation. Further, the progress with the SAPCCs and opportunities for the States and mainstreaming approaches for dealing with cross-cutting issues will be discussed</i>
1000-1030	<i>National Action Plan on Climate Change: An overview</i> Ms. Neha Pahuja, Fellow, Earth Science and Climate Change Division, TERI
1030-1100	<i>State Action Plans on Climate Change: An Overview</i> Dr. Preeti Soni, Advisor on Climate Change, UNDP India
1100-1115	Tea Break
1115-1330	India's Response to Climate Change at the National Level <i>In the year 2008, the Government of India launched the National Action Plan on Climate Change with multiple missions to effectively address the dual of climate</i>

	<p><i>change mitigation and adaptation domestically. This session will dwell into the achievements and challenges that are faced in the implementation of these missions on ground.</i></p> <p>Chair: Dr. Akhilesh Gupta, Department of Science & Technology, Govt. of India</p> <p>Key Discussants</p> <ul style="list-style-type: none"> • Shri. Tarun Kapoor, Joint Secretary, Ministry of New and Renewable Energy • Dr. Akhilesh Gupta, Adviser & Head, Strategic Programmes, Large Initiatives and Coordinated Action Enabler (SPLICE) and Climate Change Programme, Department of Science & Technology, Govt. of India • Dr. Nisha Mendiratta, Director/ Scientist-F, Strategic Programmes, Large Initiatives and Coordinated Action Enabler (SPLICE) - Climate Change Programme (CCP), Department of Science and Technology, Govt. of India • Dr. Ashok K. Kharya, Director, Central Water Commission • Dr. Sanjay Garg, General Manager (PMC), Ministry of Power
1330-1415	Lunch
Technical session – VIII 1415-1615	<p>Mainstreaming Climate Change Action at State Level</p> <p><i>For addressing the complex challenge of climate change, action needs to be taken at the national as well as sub-national level. In this session, the experiences and key learnings from the various initiatives for addressing impacts of climate change at the state level will be discussed</i></p> <p>Chair: Mr. S. Vijaykumar, Distinguished Fellow, TERI</p> <p>Key Discussants</p> <ul style="list-style-type: none"> • Dr. S.S Ladhar, Additional Director (Environment), Punjab State Council for Science & Technology • Dr. Parveen Dhamija Director, Ministry of New and Renewable Energy • Dr. Yogesh Gokhale, Fellow, Earth Science and Climate Change Division, TERI
1615-1630	Tea/Coffee
1630 - 1730	Experience sharing on policy making and implementation discourse in India in the context of climate change

	<p>Panelists:</p> <p><i>Mr. S. Vijaykumar, Distinguished Fellow, TERI</i></p> <p><i>Dr. Dhar Chakraborti, Distinguished Fellow, TERI</i></p> <p><i>Dr. Prodipto Ghosh, Distinguished Fellow and Director, Earth Science and Climate Change Division, TERI</i></p> <p><i>Amb. C. Dasgupta, Distinguished Fellow, TERI</i></p>
Day 5: 19th September, 2014	
0930 - 1000	Feedback and Recap of Day 4
<i>Technical session –IX</i> 1000-1100	<p>Business and Climate Change: Responsibility and Response</p> <p>This session will present the perspective of the business sector on climate change and discuss the initiatives that businesses are undertaking to strengthen the national response on climate change</p> <p><i>Ms. Neha Pahuja, Fellow, Centre for Global Environment Research, TERI</i></p>
1100-1115	<i>Tea Break</i>
1115- 1215	<p>Case Studies: Initiatives by the corporate sector</p> <p><i>India's initiatives on weather insurance solutions to address climate risks</i></p> <p><i>Mr. MK Poddar, GM, Agriculture Insurance Company of India Ltd.</i></p>
1215-1230	<i>Discussion</i>
1230 – 1330	<i>Lunch</i>
1330-1500	Showcasing of films and Videos related to climate change
1500-1530	<i>Tea/Coffee Break</i>
1530-1730	<p>Valedictory session & Feedback</p> <p><i>Mr. Dinesh Varma, Director-Training & Infrastructure, TERI</i></p>