



Two Day Training Programme on
**‘Integrating climate adaptation and mitigation strategies in
 State development plans’**

18-19 December, 2014
 TERI, IHC, New Delhi
 For State Government Officials

Agenda

Day 1 – 18 th December, 2014	
Introductory Session	
09:30-10:00	Registration
10:00-10:45	Welcome to the Participants and Program Introduction – Ms. Swati Agarwal, TERI
10:45-11:15	Keynote address on ‘Climate change and developmental challenges for Indian States’- Dr. Prodipto Ghosh, Director, TERI
11:15-11:30	Tea Break & Group Photograph
<p>Technical Session I: Introduction to Global Warming and Climate Change- The IPCC Fourth Assessment Report concludes that the global surface temperature increased by 0.74 ± 0.18 °C during the 100 years ending in 2005 primarily due to anthropogenic greenhouse gases (GHG) emissions. This session aims to introduce to the participants the concept, causes and effects of human induced global warming. The session will explain the dangerous and inevitable impacts of climate change, along with explaining their scientific basis. Possible response strategies and options to combat climate change in terms of mitigation and adaptation will also be discussed.</p>	
11:30 - 12:15	Climate science, modeling, projections: A perspective- Mr. Saurabh Bhardwaj, Associate Fellow, TERI
12:15 - 13:00	Impacts of climate change- Ms. Sambita Ghosh, Associate Fellow, TERI
13:00 - 13:45	Lunch Break
<p>Technical Session II: Global Response to Climate Change: International Climate Policy and Indian Perspective- The UNFCCC is the overall framework guiding intergovernmental efforts to tackle the challenges posed by Climate Change and has the Kyoto Protocol as an international treaty linked to it. This session will inform the participants about the status of international negotiations, and discuss the main points of the Bali Action Plan, Copenhagen Accord, Cancun Agreements, Durban Platform and Doha Climate Gateway. India is a key non-Annex I party to the Convention and international negotiations. Given its developmental imperatives and recognizing the principles of the Convention, particularly the principle of equity and common but differentiated responsibility (CBDR), India, along with other developing countries does not have a mandatory target to reduce emissions. However, the pressure from developed countries has been increasing for the same. This session, therefore, will also explain India’s position and role in international climate negotiations.</p>	

13:45-14:45	Film: 'Negotiating Justice'
14:45-15:15	Moderated Discussion: State of play in international climate negotiations – Amb. C. Dasgupta, Distinguished Fellow, TERI
15:15-15:30	Tea/Coffee Break
<p>Technical Session III: Domestic Response to Climate Change- Although India does not have any treaty obligation to reduce emissions it has come up with its own National Action Plan on Climate Change (NAPCC) and a voluntary pledge of achieving 20-25% reduction in its emissions intensity. The NAPCC released by the Prime Minister on 30th June 2008 identifies 8 National Missions that outline a national strategy that aims to promote development objectives while yielding co-benefits for addressing climate change effectively and enhancing the ecological sustainability of India's development path. In August 2009, the Hon'ble Prime Minister of India urged each State Government to create its own state action plan on climate change (SAPCC) consistent with strategies in the National plan. The SAPCCs are expected to build on the existing policies of State Governments by taking into consideration the on-going programmes and schemes being implemented at the state level. The SAPCCs will also have to be integrated into the state level planning process so that the resource allocation for the implementation of the identified adaptation/mitigation measures can be made with an objective to achieve the development goals of the state governments. This session will explain the vision and goals of the eight strategic missions, the approach for their implementation, progress so far and challenges faced in the implementation of the NAPCC.</p>	
15:30-16:15	India's domestic climate policy: Introduction to NAPCC – Dr. Manish K. Shrivastava, Fellow, TERI
16:15-17:00	SAPCC: The approach, current Status and experience sharing – Dr. Papiya Majumdar, Assistant Professor, TERI University
17:00-17:45	Forestry and REDD+ - Dr. J. V. Sharma, Senior Fellow, TERI
End of Day 1 Technical sessions	
Day 2 – 19th December, 2014	
<p>Technical Session IV: Introduction to Climate actions and Co-benefits- Many mitigation and adaptation options have clear development co-benefits for countries like India. These synergies, if realized, can turn the challenge of climate change into opportunities for sustainable development. Promotion of clean energy technologies and energy efficiency would mitigate greenhouse gas emissions and at the same time also address energy security challenges of the country. This session would discuss integrated approaches to examine climate and sustainable development issues. This session will discuss options for achieving low carbon development along with the co-benefits that are associated with actions needed to deal with climate change.</p>	
9:30-10:00	Low carbon development pathways for India: maximizing co-benefits – Dr. Atul Kumar, Fellow, TERI
10:00-10:30	Adaptation to climate change and Overview – Ms. Divya Mohan, Associate Fellow, TERI
10:30 - 10:45	Tea/Coffee Break

<p>Technical Session V: Energy Efficiency, Renewable Energy and Energy access- Energy demand is continuously increasing while supply remains a challenge both in terms of the quantum and in terms of equitable spread. In this session participants will be sensitized to the issue of energy access, opportunities for energy efficiency improvements and potential of renewable energy in the state. They will be familiarized with the initiatives that are being undertaken globally and the technological and financial challenges faced while making a transition to a low carbon economy. The session also provides an understanding of the importance of Demand Side Management (DSM) measures for improving energy efficiency in electricity distribution.</p>	
10:45-11:30	Renewable energy: Options and opportunities – Mr. Shirish Garud, Associate Director, TERI
11:30- 12:15	Demand Side Management: Tool for Promoting Energy Efficiency – Mr. Saurabh Prasad, Associate Fellow, TERI
12:15-12:45	Scaling up actions and business models for enhanced energy access – Mr. Ripu Bhanjan Singh, Manager-Monitoring & Data Administration, TERI
12:45-13:30	Lunch Break
<p>Technical Session VI: Sustainable Resource Utilisation- Agriculture is one of the most significant sectors of the state economy. This session will focus on the ways and means by which sustainable agriculture can be put into practice. The session explains the latest concepts and opportunities available for sustainable and resilient agricultural with the help of case studies. The session aims to focus on issues related to water resources in urban and rural context. The sessions would delve into the best practices and case studies to improvise on water use efficiency.</p>	
13:30 – 14:15	Sustainable Agriculture: concept and opportunities – Dr. Nidhi Chanana, Fellow, TERI
14:15-15:00	Sustainable Buildings – Ms. Priyanka Kochhar, Sr. Programme Manager, ADaRSH, TERI
15:30 - 15:45	Tea/Coffee Break
<p>Technical Session VII: Sustainable Habitat: a Way Forward - The session will focus on issues related to sustainable urban development, transportation systems, and habitats to understand the opportunities and challenges under the Sustainable Habitat Mission. The session will elaborate the best practices for carrying out a range of energy-environment analyses, for improving urban service provision and governance approaches to policy and planning and ways to carry out sustainability assessments. The intention is to build capacity of various stakeholders, all in the context of transport and urban development to mainstream sustainable habitat/building practices in the planning processes.</p>	
15:45-16:30	Climate Resilient Cities – Dr. Divya Sharma, Fellow, TERI
16:30-17:15	Sustainable Transport – Mr. Sarbojit Pal, Associate Fellow, TERI & Ms. Megha Kumar, Research Associate, TERI
Valedictory Session	
17:15-17:45	Address – Ms. Suruchi Bhadwal, Associate Director, TERI
17:45-18:00	Feedback & Vote of Thanks Distribution of Certificates and Photographs