



Department of Science & Technology  
Ministry of Science and Technology,  
Government of India  
New Delhi

# Training Programme on Climate Risk Management Policy and Governance

(for Scientists & Technologists working in the Government Sector)  
(09-13 December 2024)



Centre for Disaster Management  
Lal Bahadur Shastri National Academy of  
Administration, Mussoorie  
Uttarakhand

## Session Plan

Time (hrs.)	Monday	Tuesday	Wednesday	Thursday	Friday
	09-12-2024	10-12-2024	11-12-2024	12-12-2024	13-12-2024
09:30 to 10:25	Inaugural Session & Course Overview	Governance, planning and coordination mechanisms for inclusive climate resilience <i>(Vishwas Chitale)</i>	Institutional Visit to Indian Institute of Remote Sensing, Dehradun	Climate Resilient Urban Planning & Green Growth Interventions for Indian Cities: Role of Technology, Science, Economics and Policy <i>(Victor R. Shinde)</i>	Climate Smart Agriculture for Development Planning and Action: Technologies, Programmes and Policies <i>(Vinod Kumar Singh)</i>
10:30 to 11:25	Setting the Context of Climate Change: emerging issues, challenges and policies <i>(Zeenat Niazi)</i>	Clean Energy Technologies: Challenges Potential and Issues: Role of Scientific Institutions in the Net Zero Era <i>(Upendra Tripathy)</i>	Application of Geospatial Technology for Disaster and Climate Change Risk Management <i>(Arijit Roy)</i>	India's NAPCC: Need for greater alignment with India's National Biodiversity Action Plan and National Mission on Biodiversity & Human Well-being <i>(V. B. Mathur)</i>	Climate change & Health: Role of Mental Health in harmonising personal and professional life <i>(Sekar Kasi)</i>
11:30 to 11:55	Tea/ Coffee Break				
12:00 to 12:55	Sectoral Impacts of Climate Change (Agriculture, Water, Health, Forests) and resilient roadmap for addressing those impacts <i>(Hardev Choudhary)</i>	Ecosystem and Nature Based Approaches to Climate Change Mitigation <i>(Swapan Mehra)</i>	Demonstration & Hands-on Training on ISRO Geoportals for visualizing, accessing and decision making for CRM & DRM activities (Harish Karnatak)	Presentation of Assignments by Course Participant	Presentation of Assignments by Course Participants
13:00 to 13:55	Lunch Break				Valediction
14:00 to 14:55	Sector-specific Adaptation and Mitigation Strategies (Coastal Zones, Forestry, Public Health, Water) <i>(R.R Rashmi)</i>	Strategies to adopt and promote environmentally friendly lifestyles and experience in implementing large-scale behavioural change programmes (Mission LiFE) <i>(Swapan Mehra)</i>	Institutional Visit to Forest Research Institute, Dehradun	Innovative and Local Solutions to Solve Problems of Mountain Communities <i>(Nitin Mourya)</i>	
15:00 to 15:55	Mechanisms (tools, frameworks, methodologies, action plans) for enabling climate resilience <i>(Vishwas Chitale)</i>	Tools and techniques for the development of Climate Smart Village Plans <i>(H. C. Pokhriyal)</i>		Film 2040	
16:00	Tea/ Coffee				

(\*Academy visit from 1615 -17.30 hrs on 09-12-2024)

## Speakers Details:

1. **Ms. Zeenat Niazi**, Chief Knowledge Officer & Vice President, Development Alternative (DA), New Delhi (**Session moderator: Dr. Meenakshi Ahirwar**)
2. **Mr. Hardev Choudhary**, Scientist E and Head-VARD Agriculture, National Innovation Foundation, Department of Science & Technology (DST), Government of India, Gandhinagar (**Session moderator: Dr. Jayendra Singh**)
3. **Shri R R Rashmi, IAS (retd.)**, Distinguished Fellow, The Energy and Resources Institute (TERI), New Delhi & Former Chief Secretary of the Govt. of Manipur (**Session moderator: Dr. P.D. Kamala Jayanthi**)
4. **Dr. Vishwas Chitale**, Senior Programme Lead, Climate Resilience, Council on Energy, Environment and Water (CEEW), New Delhi (**Session moderator: Shri Sharat Kothari**)
5. **Shri Upendra Tripathy, IAS (retd.)**, Former Secretary, Ministry of New and Renewable Energy, Government of India, New Delhi & Former Director General, International Solar Alliance (**Session moderator: Shri Vishal Singh**)
6. **Shri Swapan Mehra**, Founder & CEO, IORA Ecological Solutions (IORA), New Delhi (**Session moderator: Dr. Abhilasha**)
7. **Prof. H. C. Pokhriyal**, Former Executive Director, School of Open Learning, University of Delhi, Delhi (**Session moderator: Dr. Aakash Gupta**)
8. **Dr. Arijit Roy**, Head, Disaster Management Sciences Department (DMSD), Indian Institute of Remote Sensing, Indian Space Research Organisation, Government of India, Dehradun (**Session moderator: Dr. Muvva Venkata Ramana**)
9. **Dr. Harish Karnatak**, Head, Geoweb Services, IT & Distance Learning Department (GIT&DL), Indian Institute of Remote Sensing, Indian Space Research Organisation, Government of India, Dehradun (**Session moderator: Ms. Suvha Lama**)
10. **Dr. Victor R. Shinde**, Head, Climate Centre for Cities, National Institute of Urban Affairs (NIUA), Ministry of Housing and Urban Affairs, Government of India, New Delhi (**Session moderator: Dr. Sandeep Singhai**)
11. **Dr. V. B. Mathur IFS (retd.)**, Former Chairperson, National Biodiversity Authority, Ministry of Environment, Forest and Climate Change, Government of India, Chennai (**Session moderator: Dr. D. Rajasugunasekar**)
12. **Dr. Nitin Maurya**, Senior Scientist & Head, Dissemination and Social Diffusion (DSD), National Innovation Foundation (NIF) – India, Department of Science & Technology (DST), Government of India, Gandhinagar (**Session moderator: Shri. Dipan Kundu**)
13. **Dr. Vinod Kumar Singh**, Director, ICAR-Central Research Institute for Dryland Agriculture (CRIDA), Hyderabad (**Session moderator: Dr. Miriam Paul Sreeram**)
14. **Dr. Sekar Kasi**, Former Registrar & Senior Professor of PSW, Department of Psychosocial Support in Disaster Management (DPSSDM), NIMHANS, Bengaluru (**Session moderator: Mr. Ravikumar. B.S**)