



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

# Training Programme on Building Local Resilience in a Changing Climate

(for Scientists & Technologists  
working in the Government Sector)  
(03<sup>rd</sup> – 07<sup>th</sup> February, 2025)



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

## Session Plan

Time (hrs.)	Monday	Tuesday	Wednesday	Thursday	Friday
	03-02-2025	04-02-2025	05-02-2025	06-02-2025	07-02-2025
09:30 to 11:00	Registration &  Inaugural session (A. Dhanalakshmi)	Sector-specific Climate Change Adaptation and Mitigation Strategies (R.R Rashmi)	Application of Geospatial Technology for Climate Change Risk Management (Arijit Roy)	Climate change & Health: Role of Mental Health in harmonising personal and professional life (Sekar Kasi)	Going local for Climate Action (Ravi S Prasad)
11:00 to 11:30	Tea Break				
11:30 to 13:00	Setting the Context of Climate Change: emerging issues, challenges (Anil Kumar Gupta)	Role of science and technology in community level climate risk mitigation planning (H. C. Pokhriyal)	Demonstration & hands-on training on ISRO Geoportals for visualizing, accessing and decision making for climate risk management (Harish Karnatak)	Rainwater Harvesting; Issues, Challenges & Opportunities for Sustainable Development (Deepak Khare)	Climate Change and Green growth interventions for Resilient Cities (Sudeshna Chatterjee)
13:00 to 14:00	Lunch				
14:00 to 15:00	Sectoral impacts of Climate Change and innovative local solutions for enabling climate resilience at grassroots level (Tushar Garg)	Presentations on sector-wise local level (ecosystem and nature based) climate change adaptation and mitigation in India (Agriculture, Forestry, Fisheries, Health, Infrastructure, Coastal Zones, Water Resources, Engineering, Energy, Biodiveristy) by course participants	Visit to Museum Indian Institute of Remote Sensing, Dehradun (1400 to 1430)	Presentation of the participants	
15:10 to 16:10	Group exercise on identifying sector- wise local level (ecosystem and nature based) climate change adaptation and mitigation in India (Agriculture, Forestry, Fisheries, Health, Infrastructure, Coastal Zones, Water Resources, Engineering, Energy, Biodiveristy) (CDM Team)		Institutional Visit to Forest Research Institute, Dehradun	Presentation of the participants	
16:10 to 16:40	Tea Break				

\*Academy Visit scheduled on 03<sup>rd</sup> February, 2025 1630 to 17.30 hrs.

## Speakers Details:

1. **Ms. A. Dhanalakshmi**, Joint Secretary, Department of Science & Technology (DST), Government of India, New Delhi
2. **Shri Chandrasekar S, IAS**, Director, CDM, Lal Bahadur Shastri National Academy of Administration, Mussoorie, Uttarakhand
3. **Dr. Anil Kumar Gupta**, Professor, PI & Chief Executive, ADRES, Integrated Centre for Adaptation, Disaster Risk Resilience & Sustainability (ICARS), Indian Institute of Technology Roorkee, Greater Noida Campus, New Delhi (**Session moderator: Dr. Ravi Shankar**)
4. **Er. Tushar Garg**, Scientist - Information Technology and Knowledge Management, National Innovation Foundation, Department of Science & Technology (DST), Government of India, Gandhinagar (**Session moderator: Dr. Siddhartha Priyadarshi**)
5. **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. Devi Priyadarshini**)
6. **Prof. H. C. Pokhriyal**, Former Executive Director, School of Open Learning, University of Delhi, Delhi (**Session moderator: Dr. Anil Kumar Sinha**)
7. **Dr. Arijit Roy**, Head, Disaster Management Sciences Department (DMSD), Indian Institute of Remote Sensing, Indian Space Research Organisation, Government of India, Dehradun (**Session moderator: Sampelli Anoop**)
8. **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: Dr. Siva Subba Rao Patange**)
9. **Dr. Sekar Kasi**, Former Registrar & Senior Professor of PSW, Department of Psychosocial Support in Disaster Management (DPSSDM), NIMHANS, Bengaluru (**Session moderator: Dr. Harmanjeet Kaur**)
10. **Prof. Deepak Khare**, Professor, Department of Water Resources Development and Management, Indian Institute of Technology, Roorkee (**Session moderator: Deepak Gupta**)
11. **Shri Ravi S Prasad, IAS**, Special Chief Secretary to Government of Assam, Environment & Forest, Soil Conservation Departments, Government of Assam, Guwahati (**Session moderator: Dr. Hariom Saxena**)
12. **Dr. Sudeshna Chatterjee**, Programme Director-Research (Sustainable Cities and Transport), WRI India Ross Center, WRI India (**Session moderator:**)