

Training Programme on Climate Risk Management Policy and Governance

(for Scientists & Technologists working in the Government Sector)
(30th January -03rd February, 2023)

Session Plan

Time (hrs.)	Monday 30-01-2023	Tuesday 31-01-2023	Wednesday 01-02-2023	Thursday 02-02-2023	Friday 03-02-2023
10:00 to 10:45	Inaugural Session & Course Overview (Akhilesh Gupta)	Village Visit Application of PLA Tools and Techniques for Development of Climate Smart Village Plans (H. C. Pokhriyal)	Water Security in with a focus on Climate Change: Evidence on Water Law, Policy, and Administration (Rajiv Ranjan Mishra)	Institutional Visit to Indian Institute of Remote Sensing, Dehradun Academic Activities of IIRS & Interaction with faculty (Pramod Kumar)	Climate Smart Agriculture for Development Planning and Action: Technologies, Programs and Policies (Shalander Kumar)
10:45 to 11:35	Setting the Context of Climate Change: Issues, Concerns and Initiatives (Aditya Valiathan Pillai)		Climate Resilient Healthcare Facilities and Efficacy of Climate Resilient Health Service Delivery Programmes of Govt. of India (Poornima Prabhakaran)	Application of Geospatial Technology for Disaster and Climate Change Risk Management and Governance (Arijit Roy)	Community Based Approaches to Climate Change Adaptation and Mitigation (Sarbjit Singh Sahota)
11:35 to 11:55	Tea/ Coffee Break				
11:55 to 12:45	Assessment of Climate Change and its Impacts over the Indian Region (Sabin TP)	Village Visit Group Presentations and Discussions (H. C. Pokhriyal)	Climate Resilient Urban Planning & Green Growth Interventions for Indian Cities: Role of Technology, Science, Economics and Policy (Chetan Vaidya)	Demonstration & Hands-on Training on ISRO Geoportals for visualizing, accessing and decision making for CRM & DRM activities (Harish Chandra Karnatak)	Innovative and Local Solutions to Solve Problems of Mountain Communities and Climate Change (Debapriya Dutta)
12:45 to 13:45	Lunch Break				
13:50 to 14:40	Participatory Learning and Action: Tools and Techniques (H. C. Pokhriyal)	Future of Renewable Energy in India: Role of Scientific Institutions in the Net Zero Era (Upendra Tripathy)	Ecosystem and Nature Based Approaches to Climate Change Mitigation (C. R. Babu)	Visit to Survey of India (SoI), Dehradun (CDM Team)	Transfer of Technologies from Lab to Land and Knowledge Sharing for Efficient Governance (Nitin Maurya)
14:40 to 15:00	Tea/ Coffee Break				
15:00 to 16:00	"2040" documentary film (Damon Gameau)	India's leadership on Climate Change, Initiatives and LiFE movement (Swapan Mehra)	India's Action Plan on Climate Change: Need for greater alignment with India's National Biodiversity Action Plan and National Mission on Biodiversity & Human Well-being (V. B. Mathur)	Visit to Forest Research Institute (FRI), Dehradun (CDM Team)	Valediction

(* Note: Visit to Lal Bahadur Shastri National Academy of Administration on 30-01-2023 @16:00 hrs.)

List of Guest Speakers and Session Moderators

- 1) **Dr. Akhilesh Gupta**, Secretary, Science and Engineering Research Board (SERB), Department of Science & Technology (DST), Government of India, New Delhi (**Moderator: Dr. Amaresh Chandra**)
- 2) **Mr. Aditya Valiathan Pillai**, Associate Fellow, Climate, Energy and Environment (ICEE), Centre for Policy Research (CPR), New Delhi (**Moderator: Dr. T A Rajesh**)
- 3) **Dr. Sabin TP**, Scientist E, Centre for Climate Change Research, Indian Institute of Tropical Meteorology (IITM), Ministry of Earth Sciences (MoES), Pune (**Moderator: Dr. Anil Kumar Choudhary**)
- 4) **Prof. H. C. Pokhriyal**, Former Executive Director, School of Open Learning, University of Delhi, Delhi (**Moderator: Arun Kumar Jugran**)
- 5) **Shri Upendra Tripathy, IAS (retd.)**, Former Secretary, Ministry of New and Renewable Energy & Former Director General, International Solar Alliance & Honorary Principal Advisor (Education) to HCM & Advisor-cum-Working President, Odisha Adarsha Vidyalaya Sangathan, Government of Odisha, Bhubaneswar (**Moderator: Awadesh Kumar Tripathi**)
- 6) **Shri Swapan Mehra**, Founder & CEO, IORA Ecological Solutions (IORA), New Delhi (**Moderator: Dr. Vaneet Jishtu**)
- 7) **Shri Rajiv Ranjan Mishra, IAS (retd.)**, Former Director General, NMCG & Chief Advisor, National Institute of Urban Affairs (NIUA), New Delhi (**Moderator: Venkateswara Rao Mushini**)
- 8) **Dr. Poornima Prabhakaran**, Director, Centre for Environment and Health, Public Health Foundation of India (PHFI), Gurgaon (**Moderator: Dr. Bijaya Kumar Padhi**)
- 9) **Prof. Chetan V. Vaidya**, Independent Urban Advisor, Former Sr. Advisor, Kochi Smart City project & Former Director, School of Planning and Architecture (SPA) & National Institute of Urban Affairs (NIUA), New Delhi (**Moderator: Dr. Priyank Hanuman Mhatre**)
- 10) **Prof. C.R. Babu**, Professor Emeritus, Centre for Environmental Management of Degraded Ecosystems (CEMDE), University of Delhi, Delhi (**Moderator: Dr. Suraj Soman**)
- 11) **Dr. V. B. Mathur IFS (retd.)**, Former Chairperson, National Biodiversity Authority, Ministry of Environment, Forest and Climate Change, Government of India, Chennai (**Moderator: Anisha Kilgour M**)
- 12) **Dr. Pramod Kumar**, Scientist/Engineer- G, Dean (Academics), Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Department of Space, Government of India, Dehradun (**Moderator: Dr. Vijay Prakash**)
- 13) **Dr. Arijit Roy**, Scientist SG & Head, Disaster Management Sciences Department (DMSD), Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Department of Space, Government of India, Dehradun (**Moderator: Mr. Praveen Kumar**)
- 14) **Dr. Harish Karnatak**, Scientist/Engineer - SG & Head, Geoweb Services, IT & Distance Learning (GIT&DL) Department, Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Department of Space, Government of India, Dehradun (**Moderator: Mr. Ashish Walia**)
- 15) **Dr. Shalander Kumar**, Deputy Global Research Program Director, Enabling Systems Transformation & Principal Scientist, Innovation Systems for the Drylands, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad (**Moderator: Dr. Hans Raj**)
- 16) **Shri Sarbjit Singh Sahota**, Emergency Specialist Disaster Risk Reduction Section, UNICEF India, United Nations Children's Fund, New Delhi (**Moderator: Mr. Blmal Gautam**)
- 17) **Dr. Debapriya Dutta**, Adviser & Head /Scientist G, Science for Equity, Empowerment & Development (SEED) Division, Department of Science & Technology, Ministry of Science and Technology, GoI, New Delhi (**Moderator: Mr. Anshuman Das**)
- 18) **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 (**Moderator: Ms. Sanyukta Singh**)
- 19) **Visit to Indian Institute of Remote Sensing (IIRS), Dehradun** (**Moderator: Mr. Saurabh Agarwala**)
- 20) **Visit to Survey of India (SoI), Dehradun** (**Moderator: Mr. Rohit Thapliyal**)
- 21) **Visit to Forest Research Institute (FRI), Dehradun** (**Moderator: Dr. Anugrah Tripathi**)