



Centre for Disaster Management (CDM)
Lal Bahadur Shastri National Academy of Administration, Mussoorie

Training Programme on
Climate Change: Challenges and Response
(for Women Scientists working in the Government Sector)
(13th March – 17th March, 2023)

Brief Note on the Training Programme

Centre at a Glance:

Center for Disaster Management (CDM) is a research and training centre, and a unit of Lal Bahadur Shastri National Academy of Administration, Department of Personnel & Training (DoPT), Government of India. It was established in 2003, with the foremost aim of training All India Services and Group - A Service officers in various aspects of Disaster Mitigation at Induction as well as in-service level, in addition to undertaking action research projects, documentation of best practices, case studies, teaching materials etc.

Centre for Disaster Management in collaboration with the Department of Science & Technology (DST), Government of India is organizing 5 (Five) day training programme on **“Climate Change: Challenges and Response (for Women Scientists & Technologists)”** from 13th – 17th March, 2023 at LBSNAA, Mussoorie under the DST Scheme **“National Programme for Training of Scientists and technologists working in government sector”**

Target Group: Women scientists & technologists working in government sector.

- Junior level scientists: 2 to 9 years of service in Group ‘A’
- Middle level scientists: 9 to 18 years of service in Group ‘A’
- Senior level scientists: more than 18 years of service in Group ‘A’

Objectives of the Training Programme:

Participants will be able to:

1. deliberate on the mechanisms (various tools and techniques) for enabling community level disaster mitigation.
2. discuss emerging issues, challenges and policies related to climate change
3. provide exposure on effects of climate change on various socioeconomic sectors and livelihoods integrating
4. provide exposure on role of science and technology in community level climate risk mitigation planning
5. identify the policies, governance and planning and coordination mechanisms for inclusive climate resilience
6. collate information and exchange technical knowledge/ experiences and information for climate change adaptation and disaster risk reduction
7. discuss learnings and recommendations for future course of action and to suggest future

- strategies, policies and options
8. facilitate peer and involved learning to achieve the objectives of Paris Agreement, Sustainable Development Goals (SDGs) and Sendai Framework for Disaster Risk Reduction (SFDRR).

Thematic Areas:

- Governance and Policy aspects
- Sectoral Impacts and solutions
- Climate Risk Mitigation Planning
- Climate Change Adaptation and Disaster Risk Reduction

Training methodology:

- a. Flipped classroom sessions, field visits and group exercises will be part of the pedagogy.

Thematic Sessions versus Resource Persons:

- 1) **Setting the Context of Climate Change: Challenges and Response**
(Dr. Aditya Valiathan Pillai, Associate Fellow, Initiative for Climate, Energy and Environment (ICEE), Centre for Policy Research (CPR), New Delhi)
- 2) **Climate Smart Agriculture for Development Planning and Action: Technologies, Programs and Policies**
(Dr. Vinod Kumar Singh, Director, ICAR - Central Research Institute for Dryland Agriculture (CRIDA), Santoshnagar, Hyderabad)
- 3) **Assessment of Climate Change and its Impacts over the Indian Region**
(Dr. Sooraj K P., Scientist E, Centre for Climate Change Research, Indian Institute of Tropical Meteorology (IITM), Ministry of Earth Sciences (MoES), Pune)
- 4) **Participatory Learning and Action: Tools and Techniques for Development of Climate Smart Village Plans**
(Prof. H. C. Pokhriyal, Former Executive Director, School of Open Learning, University of Delhi, Delhi)
- 5) **Climate Risk and Adaptation Response in Health Systems**
(Dr. Poornima Prabhakaran, Director, Centre for Environment and Health (CPH), Public Health Foundation of India (PHFI), Gurgaon)
- 6) **Harmonizing Professional and Personal Life (Work life balance)**
(Dr. Kasi Sekar, Senior Professor of PSW & Registrar, Department of Psychosocial Support in Disaster Management (DPSSDM), National Institute of Mental Health and Neuro Sciences (NIMHANS), Bengaluru)
- 7) **Transfer of Technologies from Lab to Land and Knowledge Sharing for Efficient Governance of Climate Risks**
(Er. Tushar Garg, Scientist, Information Technology and Knowledge Management National Innovation Foundation (NIF) – India, Department of Science and Technology, Government of India, Gandhinagar)
- 8) **Rainwater Harvesting: Issues, Challenges & Opportunities for Sustainable Development**
(Dr. Deepak Khare, Professor, Department of Water Resources Development & Management, Indian Institute of Technology Roorkee, Roorkee)
- 9) **India's leadership on Climate Change, Initiatives and LiFE Movement**
(Dr. Yugal Joshi, Mission Director, LiFE, NITI Aayog, Government of India, Sansad Marg, New Delhi)
- 10) **Use of Climate Services Products in Policy and Planning-National Perspective**
(Shri Anand Kumar Sharma, Former Additional Director General of Meteorology (ADGM) & Scientist-G, India Meteorological Department (IMD), Government of India, Mausam Bhawan, Lodhi Road, New Delhi)