



Lal Bahadur Shastri
National Academy of Administration



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY

Online Training Programme on
**Role of Technology in
Community Level Disaster Mitigation**
(for Scientists & Technologists)



(08th to 12th November, 2021)

Sponsored by

Department of Science & Technology (DST)

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

Organised by

Centre for Disaster Management (CDM)

Lal Bahadur Shastri National Academy of Administration (LBSNAA), Mussoorie, Uttarakhand-248179

Session Plan

DAY-I: 08-11-2021	
Time	Name of the Session and Resource Person
1000-1025 hrs.	Inaugural Session
1030-1130 hrs.	Keynote Address: <i>Emerging Challenges and future trends in CCA & DRR for Sustainable Development</i> (Shri Anil K. Sinha, IAS (retd.), Hony. Chief Editor, Know Disasters & Sr. Advisor, CDM, LBSNAA Founder Vice Chairman, Bihar State Disaster Management Authority (BSDMA), Patna)
1145-1300 hrs.	Geospatial technologies for Community Disaster Management and Risk Reduction (Dr. V. Bhanu Murthy, Associate Director (retd.), National Remote Sensing Centre (NRSC), Indian Space Research Organisation (ISRO), Department of Space, Govt. of India, Hyderabad)
1300-1400 hrs.	Lunch Break
1400-1515 hrs.	Community Based Disaster Risk Management (CBDRM): An Overview (Shri Sarbjit Singh Sahota, Emergency Specialist, Disaster Risk Reduction Section, United Nations Children's Fund (UNICEF), UNICEF India Country Office, New Delhi)
1530-1645 hrs.	Hazard Vulnerability Capacity Risk Assessment (HVCRA): An Overview of Tools and Techniques (Prof. Vinod K Sharma, Vice Chairman, Sikkim State Disaster Management Authority & Sr. Professor, Indian Institute of Public Administration (IIPA), New Delhi)
DAY-II: 09-11-2021	
1000-1025 hrs.	Presentation of Scientific Papers/Assignments by Course Participants
1030-1130 hrs.	Keynote Address: <i>Role of Technology in Disaster Risk Reduction</i> (Dr. Pavan Kumar Singh, Joint Advisor (Ops), National Disaster Management Authority (NDMA), Govt. of India, New Delhi)

1145-1300 hrs.	Role of Space Based Communication and Navigation Technology in Community level Disaster Mitigation (Dr. Nilesh M. Desai, Director, Space Application Centre (SAC), Indian Space Research Organisation (ISRO), Department of Space, Govt. of India, Ahmedabad)
1300-1400 hrs.	Lunch Break
1400-1515 hrs.	Technologies to Support Landslide Risk Reduction and Resilience (Dr. Surya Parkash, Professor & Head, Geo-meteorological Risks Management Division, National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India, New Delhi)
1530-1645 hrs.	DRR Perspectives for Sectors and Cross-cutting Issues and Emerging Solutions (Dr. Santosh Kumar, Professor, National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India, Delhi)
1645-1715 hrs.	Presentation of Scientific Papers/Assignments by Course Participants
DAY-III: 10-11-2021	
1000-1025 hrs.	Presentation of Scientific Papers/Assignments by Course Participants
1030-1130 hrs.	Keynote Address: Participatory Learning and Action (PLA): Tools & Techniques for Community Level Disaster Risk Mitigation (Prof. Harish C. Pokhriyal, Executive Director, School of Open learning, University of Delhi)
1145-1300 hrs.	Sustainability and Conservation in a Changing World (Dr. V. B. Mathur, Chairman, National Biodiversity Authority (NBA), Ministry of Environment, Forest and Climate Change (MOEF&CC), Government of India, Chennai)
1300-1400 hrs.	Lunch Break
1400-1515 hrs.	Decision Support Systems (Geo-Spatial Technologies) for Disaster Risk Mitigation and Planning (Dr. Harish Chandra Karnatak, Scientist/Engineer - SF & Head, Geoweb Services, IT & Distance Learning Department, Geospatial Technologies and Outreach Programme Group, Indian Institute of Remote Sensing (IIRS), Department of Space, Dehradun)
1530-1645 hrs.	Office Disaster Management Plan (ODMP) (Shri Vishal Vasvani, Emergency Officer, United Nations Children's Fund (UNICEF), UNICEF Office for Chattisgarh, Raipur)
1645-1715 hrs.	Presentation of Scientific Papers/Assignments by Course Participants
DAY-IV: 11-11-2021	
1000-1025 hrs.	Presentation of Scientific Papers/Assignments by Course Participants
1030-1130 hrs.	Keynote Address: Climate Change Mitigation: Role of Technology, Science, Economics and Policy (Dr. Ch. Srinivasa Rao, Director, ICAR-National Academy of Agricultural Research Management (NAARM), Rajendranagar, Hyderabad)
1145-1300 hrs.	Use of Climate Services Products in Policy and Planning- National Perspective (Shri. Anand Sharma, Scientist-G & Former Additional DGM & Head, Regional Meteorological Centre, India Meteorological Department (IMD), New Delhi)
1300-1400 hrs.	Lunch Break
1400-1515 hrs.	Documentary film on Himalayan Tsunami
1530-1645 hrs.	Harmonizing Personal and Professional Life (Work - Life Balance) (Dr. K. Sekar, Professor, Department of Psychiatric Social Work, National Institute of Mental Health and Neuro-Sciences (NIMHANS), Bangalore)
1645-1715 hrs.	Presentation of Scientific Papers/Assignments by Course Participants
DAY-V: 12-11-2021	
1000-1025 hrs.	Presentation of Scientific Papers/Assignments by Course Participants
1030-1130 hrs.	Keynote Address: Science and Technology for Development of Rural Communities

	<i>(Dr. Debapriya Dutta, Scientist-G & Adviser & Head, Mission Societal-Science for Equity Empowerment and Development (SEED), State Science & Technology Programme (SSTP)/ Patent Facilitation Programme (PFP), Department of Science & Technology, Government of India, New Delhi)</i>
1145-1300 hrs.	Management of CBRN Issues & Practical Tips on Fire Safety and on Search & Rescue <i>(Brig. Kuldeep Singh, Senior Consultant, (IRS & Mock Exercise), National Disaster Management Authority (NDMA), New Delhi)</i>
1300-1400 hrs.	Lunch Break
1400-1515 hrs.	Assessment of Climate Change over the Indian Region <i>(Dr. J. Sanjay, Scientist-F, Centre for Climate Change Research, Indian Institute of Tropical Meteorology (IITM), Ministry of Earth Sciences (MoES), Pune)</i>
1530-1645 hrs.	Keynote Address: Role of Science, Technology, and Innovation in Disaster Risk Governance <i>(Dr. K. Satyagopal IAS (retd.) Expert Member, Southern Zone, National Green Tribunal, Chennai & Former Additional Chief Secretary/ Commissioner Revenue Administration & State Relief Commissioner, Govt. of Tamil Nadu)</i>
1650-1715 hrs.	Valedictory Session