

Session Plan

Role of Technology in Community Level Disaster Mitigation for Scientists & Technologists (25- 29 July, 2022)

Day/Date	Pre-Lunch Sessions						Post Lunch Sessions			
DAY 1 Monday 25-07-2022	0900-0955 hrs.	1000-1055 hrs.	Tea Break 1100 – 1120 hrs.	1125-1225 hrs.	1225-1300hrs.	Lunch Break 1300– 1400 hrs.	1400-1450 hrs.	1500-1550 hrs.	Tea Break 1600– 1630 hrs.	1630-1730 hrs.
	Introduction to DM Act, 2005 and IRS (Pavan Kumar Singh)	Community Based Disaster Risk Management (Sarabjit Singh Sahota)		Inaugural Session	Interaction with Participants		Science and Technology for Development of Rural Communities (Debapriya Dutta)	Participatory Learning and Action: Tools and Techniques for Community Level Disaster Risk Mitigation (Team Ekjut, Jharkhand)		Participatory Learning and Action: Tools and Techniques for Community Level Disaster Risk Mitigation (Team Ekjut, Jharkhand)
Day/Date	Pre-Lunch Sessions						Post Lunch Sessions			
DAY 2 Tuesday 26-07-2022	0930-1250 hrs.					Lunch Break 1330– 1430 hrs.	1430-1550 hrs.		Tea Break 1600– 1630 hrs.	1630-1730 hrs.
	Village Visit Application of PLA Tools and Techniques for Development of Community Based Disaster Preparedness (CBDP) Plan & Group Presentations and Discussions (P K Tripathy; Nirmala Nair; Rajkumar Gope; Dhanashri Bagal from Team Ekjut & Snehasis Mishra, Varunendra V. Singh from BNY-CRS)						Group Activity Critical Analysis & Discussion on PLA Activity (Abhiram G Sankar; Ekta Uniyal from CDM, LBSNAA & P K Tripathy; Nirmala Nair; Rajkumar Gope; Dhanashri Bagal-Team Ekjut)			Visit to Lal Bahadur Shastri National Academy of Administration (CDM, LBSNAA)
Day/Date	Pre-Lunch Sessions						Post Lunch Sessions			
DAY 3 Wednesday 27-07-2022	0930-1030 hrs.	Tea Break 1030-1100 hrs.	1100-1155 hrs.	1200-1300 hrs.		Lunch Break 1300– 1400 hrs.	1400-1515 hrs	1520-1550 hrs.	Tea Break 1600– 1630 hrs.	1630-1730 hrs.
	Transfer of Technologies from Lab to Land and Knowledge Sharing for Efficient Governance (V. Thiruppugazh)		Innovative and Local Solutions to Solve Problems of Mountain Communities (Sonam Wangchuk)	Disaster Response: A Case study on Gujarat Floods (Sanjay J. Joshi)			Office Disaster Management Planning (ODMP) (Vishal Vasvani)	Mock drill on Fire Safety and Search and Rescue (Fire and Emergency Services & ITBP, Mussoorie)		Visit to George Everest Heritage Park (CDM, LBSNAA)
Day/Date	Pre-Lunch Sessions						Post Lunch Sessions			
DAY 4 Thursday 28-07-2022	1000-1030 hrs.	1030-1130 hrs.	Tea Break 1130– 1145 hrs.	1145-1300 hrs.		Lunch Break 1330– 1415 hr	1400-1515 hrs.	1515-1530 hrs.	Tea Break 1530– 1600 hrs.	1600-1730 hrs.
	Academic Activities of IIRS (Pramod Kumar)	Application of Geospatial Technology for Disaster Risk Reduction (Arijit Roy)		Demonstration on ISRO Geoportals for visualizing, accessing and decision making for DRR activities (C. M. Bhatt)			Overview and Demonstration on Forest Fire Risk Advisory Management System (FRAMS) (Harish C. Karnatak)	Open Discussion (Participants & Faculty)		Visit to Forest Research Institute (FRI) (CDM, LBSNAA)
Day/Date	Pre-Lunch Sessions									
DAY 5 Friday 29-07-2022	0900-0955 hrs.			1000-1055 hrs.		Tea Break 1100– 1130 hrs.	1130-1225 hrs.		1230-1330 hrs.	
	Future of Solar Power Generation in India: Role of scientific Institutions in the Net Zero Era (Upendra Tripathy)			Management of Extremely Severe Cyclone Storms in Odisha-Use of Technology, Teamwork, Transparency (Dr. Kamal Lochan Mishra)			Climate Smart Technologies and Resilient Practices: National Innovations in Climate Resilient Agriculture (Ch. Srinivasa Rao)		Valediction	

Details of the Resource Persons and Guests

1. Dr. Srivari Chandrasekhar, Secretary, Department of Science & Technology (DST), Government of India, New Delhi
2. Shri Srinivas R. Katikithala IAS, Director, Lal Bahadur Shastri National Academy of Administration, Mussoorie
3. Shri Upendra Tripathy, IAS (retd.), Honorary Principal Advisor (Education) to Hon'ble CM, Odisha & Adviser, Odisha Adasha Vidyalaya Sangathan, Government of Odisha, Bhubaneswar & Former & Founding Director-General, International Solar Alliance & Former Secretary, Ministry of New and Renewable Energy
4. Dr. V. Thiruppugazh, IAS (retd.), Former Additional Secretary, National Disaster Management Authority (NDMA), Govt. of India, New Delhi
5. Shri Sonam Wangchuk, Founding Director, Himalayan Institute of Alternatives, Ladakh
6. Dr. Ch. Srinivasa Rao, Director, ICAR-National Academy of Agricultural Research Management (NAARM), Rajendranagar, Hyderabad
7. Dr. Debapriya Dutta, Scientist-G & Adviser & Head, Mission Societal-Science for Equity Empowerment and Development (SEED) & Nano Mission-National Supercomputing Mission (NM-NSM) & State Science & Technology Programme (SSTP), Department of Science & Technology, Government of India, New Delhi
8. Dr. Pramod Kumar, Dean (Academic), Indian Institute of Remote Sensing (IIRS), ISRO, Department of Space, Dehradun
9. Shri Sarabjit Singh Sahota, Emergency Specialist, Disaster Risk Reduction Section, United Nations Children's Fund (UNICEF), India New Delhi
10. Dr. Prasanta Tripathy; Dr. Nirmala Nair (Secretary); Rajkumar Gope (Team Lead); Dr. Dhanashri Bagal from Team Ekjut, Jharkhand
11. Mr. Snehasis Mishra (Assistant Professor) and Dr. Varunendra V. Singh (Assistant Professor) from BNY-CRS, LBSNAA, Mussoorie
12. Dr. Kamal Lochan Mishra, IAS, Collector & District Magistrate, Nabarangpur, Govt. of Odisha
13. Dr. Sanjay J. Joshi, Professor Political Theory and Constitutional Law, Lal Bahadur Shastri National Academy of Administration, Mussoorie
14. Dr. Pavan Kumar Singh, Joint Advisor (Ops), National Disaster Management Authority (NDMA), Govt. of India, New Delhi
15. Dr. Harish Chandra Karnatak, Scientist/Engineer - SG & Head, Geoweb Services, IT & Distance Learning Department, Geospatial Technologies and Outreach Programme Group, Indian Institute of Remote Sensing (IIRS), ISRO, Department of Space, Dehradun
16. Dr. Arijit Roy, Scientist SG & Head, Disaster Management Studies (DMS) Dept., Indian Institute of Remote Sensing (IIRS), ISRO, Department of Space, Dehradun
17. Mr. CM Bhatt, Scientist/Engineer – SF, Disaster Management Studies (DMS) Dept., Indian Institute of Remote Sensing (IIRS), ISRO, Department of Space, Dehradun
18. Shri Vishal Vasvani, Emergency Officer, United Nations Children's Fund (UNICEF), UNICEF Office for Chattisgarh, Raipur
19. Shri Abhiram G Sankar, IAS, Director, CDM & Deputy Director, Lal Bahadur Shastri National Academy of Administration, Mussoorie
20. Dr. Ekta Uniyal Assistant Director, Lal Bahadur Shastri National Academy of Administration, Mussoorie
21. Dr. Pankaj Kumar Singh, Associate Professor, CDM, Lal Bahadur Shastri National Academy of Administration, Mussoorie
22. Dr. Pasala Eswara Rao, Research Officer, CDM, Lal Bahadur Shastri National Academy of Administration, Mussoorie
23. Officers from Fire and Emergency Services & ITBP, Mussoorie