



Indian Institute of Remote Sensing
 Indian Space Research Organisation
 Department of Space, Govt. of India
 Dehradun



IIRS Academia Meet - 2022

**Recent Trends in Geospatial Technology for Environment and Health:
 Opportunities for Capacity Building and Research**

March 25, 2022

Mode: Hybrid (Offline + Online)

Programme at a Glance

08:45 - 09:30 hrs	09:45 - 11:00 hrs	11:30 - 13:00 hrs	14:15 - 15:45 hrs	16:15 - 17:00 hrs
Registration	Inaugural Ceremony	Session - 1	Session - 2	Panel Discussion

Tea: 11:00-11:30 hrs, 15:45 - 16:15 hrs, 17:00 - 17:30 hrs
 Lunch: 13:00 - 14:00 hrs

Inaugural Ceremony (09:45 - 10:30 hrs) (Venue: Bhaskara Auditorium)

09:45 - 09:55 hrs	Invocation and Lighting of Lamp	
09:55 - 10:05 hrs	Welcome & Opening Remarks	Dr. Prakash Chauhan <i>Director, IIRS</i>
10:05 - 10:20 hrs	Address by Guest of Honour & Lead Talk on "Geospatial Technology Applications in Health and Environment"	Shri. Shantanu Bhatawdekar <i>Scientific Secretary, ISRO</i>
10:20 - 10:30 hrs	Address by Guest of Honour	Dr. Rajendra Dobhal <i>Director General, UCOST</i>
10:30 - 10:40 hrs	Release of Himalayan Glaciers Album, IIRS Distance Learning Program Achievements – 2021, Placement Brochure	By Chief Guest
10:40 - 10:55 hrs	Address by Chief Guest	Shri Anoop Singh, IFS <i>Director General, FSI</i>
10:55 - 11:00 hrs	Vote of Thanks	Dr. S. K. Srivastav <i>Dean (Academics), IIRS</i>

11:00 - 11:30 hrs	Group Photograph & Tea Break
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Session - 1 (11:30 - 13:15 hrs)

Recent Trends in Geospatial Technology for Environmental Security

Co-Chairs: Dr. Thamban Meloth, NCPOR and Dr. John Mathew, ISRO HQ

Rapporteur: Dr. S. Nandy, IIRS

11:30 - 11:35 hrs	Opening Remarks	Co-Chair(s)
11:35 - 11:55 hrs	National priorities and opportunities in environmental applications using geospatial technology	Dr. Satish C. Garkoti (<i>Retd.</i>), MoEFCC

11:55 - 12:10 hrs	Recent trends in Earth Observation for terrestrial ecosystem applications and services	Dr. C. P. Singh, SAC
12:10 - 12:25 hrs	Initiatives of ISRO towards Sustainable Water Management in India	Dr. P. V. Raju, NRSC
12:25 - 12:40 hrs	Earth Observation of cryosphere and ocean with reference to changing climate	Dr. Thamban Meloth, NCPOR
12:40 - 12:55 hrs	Role of Earth Observation for air quality monitoring	Dr. V. K. Soni, IMD
12:55 - 13:10 hrs	Environmental applications of geospatial technology: Research and capacity building initiatives by IIRS	Dr. S. K. Srivastav, IIRS
13:10 - 13:15 hrs	Discussion & Concluding remarks by Co-Chair(s)	

Session - 2 (14:15 - 15:45 hrs) Recent Trends in Geospatial Technology for Health Security		
Co-Chairs: Dr. Rajni Kant, ICMR and Dr. A. K. Bera, RRSC-J/NRSC		
Rapporteur: Shri K. Shiva Reddy, IIRS		
14:15 - 14:20 hrs	Opening Remarks	Co-Chair(s)
14:20 - 14:40 hrs	Requirements, challenges and opportunities in Health sector using geospatial tools	Dr. Rajni Kant, ICMR
14:40 - 15:00 hrs	Geospatial National Health Resource Repository – A tool for health governance	Dr. A. K. Bera, RRSC-J/NRSC
15:00 - 15:20 hrs	Forecasting vector-borne diseases using geospatial technology: experiences in northeastern region of India	Dr. B. K. Handique, NESAC
15:20 - 15:40 hrs	Recent trends in Geoinformatics for addressing health issues	Dr. Sameer Saran, IIRS
15:40 - 15:45 hrs	Discussion & Concluding remarks by Co-Chair(s)	

Panel Discussion (16:15 - 17:00 hrs) Recent Trends in Geospatial Technology for Environment and Health: Opportunities for Capacity Building and Research		
Panelists: Dr. Prakash Chauhan, Director, IIRS – Chair Dr. V. Saxena, AIIMS, Rishikesh Prof. P. K. Garg, IIT-Roorkee Prof. M. P. S. Bisht, Director, USAC Shri Vibhu Sinha, Esri India Shri P. L. N. Raju, Special Secretary, ASTEC & Director, ARSAC		
16:15 - 16:25 hrs	Summary of Technical Sessions of IAM-2022	Rapporteurs of Session – 1 & 2
	Summary of IIRS Outreach Meet (conducted on March 24, 2022)	Dr. Harish Karnatak, IIRS
	Summary of National Seminar for PG Students & Research Scholars (conducted on March 24, 2022)	Dr. Sameer saran, IIRS
16:25 - 16:55 hrs	Panel Discussion	All Panelists
16:55 - 17:00 hrs	Vote of Thanks	Dr. Hari Shanker, IIRS

Tea: 17:00 – 17:30 hrs