

A one-day workshop on

# **Advancing Disaster Resilience through Space Observations**

Date: April 6, 2026

Time: 9:00 AM – 5:00 PM

Venue: LRC mini conference room (1st floor)

Online Link: <https://meet.google.com/tbm-gmpt-hdo>

Time	Activity	Description
09:30 AM	Registration	
09:45 AM	Opening Remarks	
10:00 AM	Prof. Masashi Hayakawa (1:30 PM JST Online) CEO, Quakeinsight Tokyo; Emeritus Professor, UEC Tokyo	The 50 Years of research EM Noise
10:45 AM	Break	Refreshments and Networking
10:55 AM	Dr. Kikuchi Hiroshi (2:25 PM JST Online) Associate Professor, UEC Tokyo, Japan	3D High-Resolution Observations of Lightning and Polarimetric Features using X-band Multi-parameter Phased Array Weather Radar
11:30 AM	Prof. Stelios Potirakis (Greece local time 9:00 AM) Professor, UniWA, Athens, Greece	Seismo-electromagnetic instrumentation development
12:00 Noon	Prof. Yasuhide Hobara Professor, UEC Tokyo, Japan	Observations of Lightning and Seismo-Electromagnetic Phenomena for Disaster Risk Reduction (DRR)

<b>12:30-1:45 PM</b>	<b>Lunch Break</b>	Buffet lunch and breakout discussions.
<b>01:45 PM</b>	<b>Prof Neelima Satyam Chair Professor, IIT Indore</b>	<b>Development of Landslide Monitoring and Forecasting Methodologies Case studies from the Indian Himalayas</b>
<b>02:15 PM</b>	<b>Dr. Saurabh Das Associate Professor, Head of DAASE, IIT Indore</b>	<b>Development of Methods and Technology for DRR for Ground and Space-Based Measurements</b>
<b>02:30 PM</b>	<b>Dr. Sudipta Sasmal Associate Professor, Cofounder, IASES Kolkata</b>	<b>Disaster Risk Reduction using a Multidimensional Approach</b>
<b>03:00 PM</b>	<b>Dr Ajeet K Maurya (Online India) Assistant Professor, BBAU Lucknow</b>	<b>Deciphering the Role of Radio Remote Sensing in Disaster Risk Management</b>
<b>03:30 PM</b>	<b>Closing Summary</b>	Thank you note by Host
<b>03:45 PM</b>	<b>Refreshments</b>	For all
<b>03:45 PM</b>	<b>Discussions (Speakers Only)</b>	

Volunteer Coordinators:

Bhuvnesh Brawar (+91 7740828405, [phd2101121005@iiti.ac.in](mailto:phd2101121005@iiti.ac.in))

Abhijeet Dutta (+91 8965983575, [abhijeetdutta@iiti.ac.in](mailto:abhijeetdutta@iiti.ac.in))