

India Space Lab

On the occasion of National Remote Sensing Day 2026

ONE DAY ONLINE WORKSHOP ON

REMOTE SENSING AND GIS FOR DISASTER MANAGEMENT

Understanding Disasters Through Space Technology

Learn how satellites, GIS, Earth Observation systems and emerging geospatial technologies are transforming disaster management worldwide. Explore real-world applications, tools and techniques used for disaster monitoring, assessment, response and recovery.



WORKSHOP OBJECTIVE



To provide a comprehensive understanding of how Remote Sensing, GIS and geospatial technologies are used in disaster preparedness, monitoring, response and recovery. Learn how satellite data supports real-time decision-making, damage assessment and risk mitigation while exploring emerging technologies such as GeoAI and drone mapping.

WORKSHOP HIGHLIGHTS



Introduction to Remote Sensing and GIS



Satellite Data for Disaster Monitoring



Flood Monitoring and Inundation Mapping



Hands-on GIS & Remote Sensing Demonstrations



Wildfire Detection and Burn Severity Assessment



GeoAI, Drones & Emerging Technologies



Cyclone Tracking and Weather Disaster Analysis



Real-World Disaster Case Studies



Earthquake & Landslide Assessment Techniques



E-Certificate of Participation

REGISTRATION DETAILS

Registration Start Date

10 JUNE 2026

Registration End Date

30 JULY 2026

Workshop Date

12 AUGUST 2026

Registration Now :- <https://isl.ac.in/workshop/>

