

# Geospatial Technology for Effective Disaster Risk Management



February 21,  
2025



Importance of comprehensive Disaster and Climate Risk Management

**Dr. Sanjay K. Srivastava**

Chief of Disaster Risk Reduction at UN Economic and Social Commission for Asia and the Pacific (ESCAP)



10:00 UTC  
15:30 IST

Geospatial Infrastructure Management Ecosystem (GeoIME) to Determine Building Vulnerability and Risk Estimation

**Prof Adam Saeid Pirasteh**

Professor, Geospatial Intelligence and Mapping (GIM) Lab,  
University of Waterloo, Ontario, Canada



February 28,  
2025



10:00 UTC  
15:30 IST



March 11,  
2025



Understanding Disaster Risk and Geospatial technology for effective DRR: The India experience

**Dr. S. P. Aggarwal**

Director, NESAC, Dept. of Space, Govt. of India  
President, Indian Society of Remote Sensing



10:00 UTC  
15:30 IST

Space technology for combating Hydro-Meteorological Disasters

**Dr. M. Mahapatra**

Director General of Meteorology, India Meteorological Dept, Ministry of Earth Sciences, Government of India  
Third Vice President, WMO



March 18,  
2025



10:00 UTC  
15:30 IST



March 21,  
2025



Environmental protection as an integral part of disaster risk management

**Prof Viktor Lagutov**

Professor, Department of Environmental Sciences and Policy,  
Central European University, Budapest, Hungary



10:00 UTC  
15:30 IST

GeoAI for Disaster Risk Reduction

**Dr. H. Lexie Yang**

Senior R & D Staff, GeoAI Group,  
Oak Ridge National Laboratory, USA



March 28,  
2025



11:00 UTC  
16:30 IST



N.B.: Date and Time is tentative for the lecture by Dr M Mahapatra, Prof Viktor Lagutov, and Dr H Lexie Yang

Moderator: Dr Shyam S Kundu, Secretary, ISPRS TC V/4

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