


 1 July 2026

 11:00

 Council hall, Faculty of Mining, Geology and
Petroleum Engineering, University of Zagreb



Prof. Fawu Wang

College of Civil Engineering, Tongji University, China
Professor Emeritus of Shimane University, Japan
Director-General of the International Consortium on Geo-
disaster Reduction

AI-empowered landslide disaster management

How artificial intelligence is transforming landslide disaster management by integrating multi-source Earth observation, regional risk assessment, and emerging scientific research paradigms?

With observable data, reliable models, and deployable platforms, AI can become a key infrastructure for intelligent landslide disaster management.



Bo Zhang

PhD student at College of Civil Engineering, Tongji University, China / visiting PhD researcher at the GFZ Helmholtz Centre for Geosciences, Germany

Spatial-temporal building damage proxy level assessment of the Himalayan town of Joshimath from long-term multi-sensor InSAR analysis

How satellite-based monitoring can identify deformation hotspots and support rapid screening of buildings in mountainous urban environments?

Using Sentinel-1 and TerraSAR-X data, this study investigates ground deformation and building damage potential in Himalaya.



Croatian–Chinese Bilateral Research Project
"Study on the Mechanism of Rainfall-Induced Landslides"



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