

SEPT. 21-27, 2023
CHENGDU, CHINA

The XIV Congress of the International Association for Engineering Geology and the Environment

Session 12-5

Geological Hazards and Risk Management



Conveners



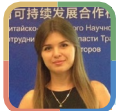
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Brief Introduction of the Session:

Geological hazards are exacerbating around the world due to the global climate change, with more frequent ice avalanches, glacial lake bursts, and alpine debris flows in high mountain areas and coastal erosions/landslides and levee breaches in coastal areas. More importantly, catastrophic geohazards often interact with each other and form complex hazard chains, significantly amplifying their destruction power hundreds of times in both time and space scales and posing great risks to infrastructures and settlements. Given that geohazard risk can never be entirely eliminated, it is crucial to learn to live with geohazards under effective risk management measures. Many modern technologies have been applied to support and advance geohazard risk management, such as centrifuge modeling, remote sensing, machine learning, digital twin, quantitative risk assessment, early warning, etc. This session aims to assemble young researchers and practitioners working on mechanisms, methodologies, technologies, and applications of geohazard risk management to discuss recent advances and future developments on this topic. Contributions on, but not limited to, field investigation, monitoring, physical modeling, numerical simulation, susceptibility zoning, risk assessment, and mitigation of geohazards and related case studies are welcomed.

IMPORTANT DATES



Abstract for Oral Presentation and
Poster Submission Deadline

Jun. 30, 2023



Early Bird Registration Deadline

Aug. 10, 2023



Online Registration Deadline

Sept. 21, 2023

SUBMISSION

For the full-length submission

The submission system is now open for full-length papers. The deadline for submission of full-length paper has been extended to May 31, 2023. Please read the guidelines for paper submittal prior to submitting your full-length paper.

Please read the guidelines prior to submitting your full-length paper or long abstract at <https://www.iaeg2023.org/cfp.html>

For the abstract submission

The abstract submission system for oral presentations and posters is open! If you would rather prepare an abstract for an oral or poster presentation, rather than submitting a full paper, please submit your abstract for consideration by June 30, 2023.

Please read the guidelines prior to submitting your abstract at <https://www.iaeg2023.org/cfa.html>



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