

SEPT. 21-27, 2023  
CHENGDU, CHINA

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



Session 12-7

## Towards innovative mitigation strategies for rockfall / rock avalanches

### Conveners



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### Brief Introduction of the Session:

Rock instabilities pose a significant threat to mountainous regions and any areas characterized by steep rocky cliffs. These risks are particularly severe in locations with heavy precipitation, frequent freeze-thaw cycles, and seismic activity. In mountainous terrain, infrastructure such as highways, railways, power generation facilities, and buildings can be susceptible to rockfall and rock avalanche hazards. These hazards can lead to economic losses due to service disruptions, equipment damage, and loss of life.

The objective of this session is to gather cutting-edge mitigation strategies aimed at minimizing the impact of rockfall and rock avalanches on the environment and society. We invite innovative contributions that address the entire dynamic evolution process of rockfalls and rock avalanches. This includes novel datasets obtained from laboratory, prototypal, and in situ tests or monitoring, new theoretical and numerical modeling approaches to understand hazard mechanics, as well as new methods, systems, and models for early warning purposes. We also welcome innovative countermeasures encompassing structural, natural, social-based, or comprehensive approaches at various scales ranging from slope to regional. We particularly encourage interdisciplinary discussions to provide fresh perspectives on reducing the risk associated with rockfalls and rock avalanches.

## 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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