

SEPT. 21-27, 2023  
CHENGDU, CHINA

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



Theme  
08

## Geohazard Mechanisms, Risk Assessment and Control, Monitoring and Early Warning

Geohazards, such as landslides, debris flow, and subsidence, are common hazards that affect millions of people worldwide every year. This theme is dedicated to risk assessing, geohazards controlling, and impacts reducing around the world.

### Chairs



**Nicola Casagli**  
University of Florence



**Qiang Xu**  
Chengdu University of Technology

Session 01

**Georisk Assessment Using Machine Learning**

Session 02

**Recent Development of Numerical Models for Simulating Geohazard Processes and Chains of Geological Hazards**

Session 03

**Debris Flow Dynamic Process and Its Effects on Landform**

Session 04

**Debris Flows: Mechanics, Monitoring, Experiments, Assessment, Prevention, and Risk Management**

Session 05

**Research on Disaster Prevention and Environmental Protection in Japan**

Session 06

**Groundwater and Land Subsidence for Infrastructure Development in the Deltaic Plains**

Session 07

**Integrating Hydrologic Information into the Next Generation of Landslide Early Warning Systems**

Session 08

**Mechanism, Mitigation, and Risk Management of Geohazards Triggered by Extreme Weather Events**

Session 09

**Chains of Geohazards: Mechanism, Modelling and Prediction**

Session 10

**Navigating Natural Hazard Risk Assessment and Management: Compound, Consecutive, and Cascading Events**

Session 11

**Coseismic Landslides: Disaster Risk Cognition and Reduction**

Session 12

**Advances in Disaster Reduction of Large Landslides: Activities of JTC1 and iRALL**

Session 13

**Advances in Modelling Rainfall-Induced Landslides**

Session 14

**Landslide Dams: Formation, Stability, Breaching and Risk Management**

Session 15

**Numerical Methods for Engineering Geology and Geohazards**



### Important Dates



Abstract for Oral Presentation and Poster Submission Deadline:  
**June 30, 2023**

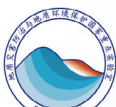


Abstract for Oral Presentation and Poster Notification Deadline:  
**July 10, 2023**

### Submission

Please send your abstract to EasyChair online submission system: <https://easychair.org/conferences/?conf=iaeg2022a>

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



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