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CHENGDU, CHINA

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



Session 1-5

## Interface Engineering Geomechanics

### Conveners



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### Brief Introduction of the Session:

The Interface Engineering Geomechanics is defined as the contact surfaces between two or more media in engineering geology and geotechnical engineering, as well as the transition surfaces that control the migration of three-phase matter, the change in physical states and the stability of rock and soil masses. Under the combined action of natural loads and engineering activities, they play a controlling role in the emergence, propagation, and triggering of geological disasters. It also has an important impact on the safety and use of engineering structures. In the implementation of various engineering projects, it is inevitable to encounter all kinds of interface engineering geomechanics problems, and the mechanical behaviors of interface engineering geomechanics under different situations need to be deeply understood. This session covers the physical and mechanical properties, engineering characteristics, constitutive models, treatment technology and mechanism, and in-situ testing techniques of various engineering interface. This session will also present the latest scientific research progress and engineering practice achievements in testing methods, theoretical methods and numerical techniques related to engineering interface, so as to promote the development of research and engineering practice of Interface Engineering Geomechanics. This topic will discuss the following issues, but not limited to:

- Geological interfaces in soil engineering
- Soil-rock interface
- Soil-concrete interface
- Frozen soil-structure interface
- Pile-soil interaction
- Other interfaces in Engineering Geomechanics

## 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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