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

Session 1-2

Structure of Soil and Rock Mass





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Conveners



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Brief Introduction of the Session:

Rock and soil masses are important carriers of human engineering construction. Accurate prediction of their deformation and failure behavior is the core content of research and practice of engineering construction. Structural characteristic is the basic characteristic of rock and soil masses, and is the important cause for the complex heterogeneity, discontinuity and anisotropy of rock and soil masses. It is of great scientific significance and engineering value to describe and characterize the structural characteristics of rock and soil masses in detail and reveal the influence mechanism of structural characteristics on the mechanical and hydraulic behaviors of engineering rock and soil masses.

This topic will discuss the following issues, but not limited to:

- Multi-scale structural characteristics of rock and soil masses, including the micro observation, characterization, and visualization of rocks
- The non-contact sampling, and automatic and intelligent identification of rock discontinuities
- The fine modeling and visualization of three-dimensional rock mass structures
- Seepage analysis of fractured rock masses
- The micro observation, characterization, and visualization of soil particles
- The observation and characterization of macro structure of soil masses

IMPORITANIL DATIES



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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