

SEPT. 21-27, 2023
CHENGDU, CHINA

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



Session 1-1

Ground Property Characterization from In-Situ Tests

Conveners



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Brief Introduction of the Session:

With economic construction rapidly advancing, various large-scale engineering projects related to ocean, energy, and environmental governance are increasing in number and scale. As a result, higher standards for the sensitivity, safety, and durability of engineering construction are being demanded. In order to evaluate geotechnical engineering characteristic parameters accurately, in-situ testing technology has emerged as the preferred method. Its advantages include avoiding disturbance and not requiring sampling, while providing continuity, speed, and accuracy. This technology has broad application prospects in the medium and long-term development planning of countries in the areas of environment, energy, and ocean. The main topics of the session include modern theory and application of in situ testing technologies; in-situ testing technologies in geo-environmental engineering; In-situ testing technologies in marine engineering; In-situ testing technologies in geo-energy engineering; research and development of in-situ test sensors and technical equipment and other relevant topics.

The objectives of the session are as follows:

- Promote the utilization and improve the interpretation of in-situ tests to enhance geotechnical site characterization, including the the determination of soil and rock properties, use of borehole techniques, penetration tests, and geophysical methods, and their variance.
- Promote the development of the scientific theory and technology of in-situ testing in geotechnical engineering
- Share ideas, information, and technical solutions for interactive communication among the geotechnical affiliates.
- Maintain a set of international guidelines and standards for in-situ testing methods for reference on procedures and interpretation.
- Upgrade the social importance & relevance of our geotechnical discipline within eyes of the public, private, commercial, industrial, and military communities.

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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