

SEPT. 21-27, 2023
CHENGDU, CHINA

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



Session 3-6

Seismic Design and Analysis of Urban Underground Space

Conveners

Brief Introduction of the Session:



Zhiyi Chen
Tongji University, China

From a global perspective, with the rapid development of globalization and urbanization, the number of megacities with an urban population of more than 10 million is increasing. According to the forecast of the United Nations, the number of megacities in the world will reach 43 by 2030. China is one of the future major growth areas of megacities. This makes it even more imperative to address issues that constrain development and the environmental impacts of urbanization. Urbanization has an impact on the environment, which in turn can greatly increase the risk of vulnerable cities. Hazards that may be unimportant in undeveloped areas may become major problems in vulnerable urban areas: the level of risk increases greatly if proper precautions are not taken. It is extremely urgent and necessary to solve the problem of restricting development and the impact of urbanization on the environment.



Hanbin Ge
Meijo University, Japan

This session aims at the resilient development of underground space in megacities, and exchanges on engineering geological effects, geological survey, geomechanical analysis, design and modeling, construction and monitoring of megacities, as well as seismic and resilience analysis, design of tunnels and underground structures. The latest progress in the research and engineering practice of methods and technologies, so as to scientifically develop and safely utilize the underground space of super-large cities in terms of safety and economy.



Hiroshi Yoshiyama
Japan-China Consultant
Company limited, Japan

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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