



Conference Venue



Ebuno Izumi no Mori Hall
Izumisano City, Osaka, Japan
<https://www.cf-izumisano.or.jp/izuminomori/> (Available in Japanese only)
https://mice.osaka-info.jp/en/venue_search/izumisano-cultural-hall/index.php

Organization

Japan Society of Engineering Geology
Japan National Group of IAEG

Secretariat Office

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Bridging Through Engineering Geology for Co-Creation – Realizing a Safer Society in Harmony with Nature

16th Asian Regional Conference of International Association of Engineering Geology and the Environment



November 25-27 2027 Izumisano City, Osaka, Japan



Cooperate with IZUMISANO MICE

<https://ec-convention.com/arc16>



Aim of Conference

Engineering Geology in Japan began with resource exploration and has long played a vital role in supporting the development of social infrastructure, including railways, roads, tunnels, dams, and power plants. Through investigations and research on frequently occurring earthquakes, heavy rainfall, and sediment-related disasters, it has also made significant contributions to elucidating the geological environment of the Japanese Archipelago, a complex and active tectonic belt.

Meanwhile, in Asia—where rapid economic growth continues—disaster risks have been intensifying and becoming more complex due to climate change, alongside the expansion of social assets. As observed during the 2024 Noto Peninsula Earthquake, there is an increasing number of cases in which communities face new disasters during the recovery process. These challenges highlight the growing need to further advance research in Engineering Geology and disaster risk reduction, as well as to strengthen international collaboration.

Ensuring the safety of social infrastructure requires an accurate understanding of the geological environment and the appropriate integration of geological knowledge into civil engineering practice. However, there has been historical reflection on the insufficient collaboration between geology and civil engineering. In addition, the aging of infrastructure constructed during periods of rapid economic growth has become an urgent issue. To build a safe and secure society for the future, it is essential to understand natural processes on geological time scales and to promote cross-disciplinary cooperation.

Against this backdrop, this Asian Regional Conference is held under the theme “Bridging Through Engineering Geology for Co-Creation – Realizing a Safer Society in Harmony with Nature” The conference aims to provide a platform for researchers and engineers from across Asia to share the latest knowledge and deepen international dialogue and collaboration on key issues such as natural hazards, resources and energy, the environment, and subsurface development.

Furthermore, as generational change among engineers progresses, the conference seeks to promote the transfer of expertise by providing opportunities for interaction and mutual learning between young professionals and senior experts. Through these efforts, the conference also aspires to contribute to the advancement of Engineering Geology that will support the future of Asia. We sincerely look forward to your participation.

Prof. Masahiko OSADA, Chair of the ARC16 Organizing Committee



Topics

1. Engineering Geology in Active Tectonic Regions
2. Geohazards: Toward Mitigation of Cascading Complex Geodisasters
3. Urban Engineering Geology and Civil Infrastructure
4. Geoinformatics
5. Hydrogeology and Groundwater Systems
6. Anthropogenic Impacts and Geo-environmental Recovery Processes
7. Sustainability of Humanosphere and Utilization of Surface and Subsurface Geospace
8. Role of Engineering Geology for Developing Renewable Energy Resources
9. Education, Outreach, and Capacity Building with Diversity
10. Geoethics and Social Responsibility
11. Others(General Contributions)



Program Outline (tentative)

| Tue Nov. 23 2027 | Wed Nov. 24 2027 | Thu Nov. 25 2027 | Fri Nov. 26 2027 | Sat Nov. 27 2027 | Sun Nov. 28 2027 | Mon Nov. 29 2027 |
|---|--|--|--|--|---------------------------|----------------------------|
| | Registration | Registration | Registration | Registration | | |
| IAEG Executive Committee Meeting (to be decided) | IAEG Council Meeting (to be decided) | Opening Ceremony Presidential Lecture Keynote Lecture Oral Sessions Poster Session YEG/WEG workshop | Keynote Lecture Oral Sessions Poster Session YEG/WEG workshop | Keynote Lecture Oral Sessions Poster Session Closing Ceremony | Field Excursion (1day) | Field Excursion (2days) |
| | | Exhibition | Exhibition | Exhibition | | |
| | | | Banquet | | | |

Important Dates

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| Call for Abstracts | 1 November 2026 |
| Abstract Submission Deadline | 31 March 2027 |
| Notification of Abstract Acceptance | 30 April 2027 |
| Extended Abstract Submission Deadline | 30 June 2027 |
| Notification of Extended Abstract Acceptance | 31 August 2027 |

