

**EAGE**

EUROPEAN  
ASSOCIATION OF  
GEOSCIENTISTS &  
ENGINEERS

CO-ORGANIZED BY



6TH ASIA PACIFIC MEETING ON

**NSGE**  
2024

**NEAR SURFACE  
GEOSCIENCE &  
ENGINEERING**

Incorporating 15<sup>th</sup> SEGJ International Symposium

13-15 MAY 2024 • TSUKUBA, JAPAN

**FIRST ANNOUNCEMENT &  
CALL FOR ABSTRACTS**

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## OVERVIEW

The **European Association of Geoscientists and Engineers (EAGE)** together with the **Society of Exploration Geophysicists of Japan (SEGJ)** as the Co-Organizer are proud to announce that the **6<sup>th</sup> edition of Asia Pacific Meeting on Near Surface Geoscience and Engineering (NSGE)** will take place in the beautiful Tsukuba, Japan from 13-15 May 2024 and this year's conference is incorporating the **15<sup>th</sup> SEGJ International Symposium**.

We look forward to welcoming all of you in Tsukuba this year!

## CALL FOR ABSTRACTS

The Call for Abstracts for 6th Asia Pacific Meeting on Near Surface Geoscience & Engineering is Open and the submission deadline is set to Sunday, 31 December 2023!

Scan the QR Code for more information.



## SPONSORSHIP

### Why Become a Sponsor?

This event is a great opportunity to obtain the latest information on developments in the industry and expand your network and exchange ideas, meanwhile sponsorship enhances your visibility and corporate image before an international audience. Companies are invited to participate in the sponsorship of the 6th Asia Pacific Meeting on Near Surface Geoscience & Engineering and achieve high visibility in a qualitative and uncluttered environment.

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For information on sponsorship packages, please contact EAGE Asia Pacific office at [asiapacific@eage.org](mailto:asiapacific@eage.org). Or call us at +603 2722 0140.





## TOPICS

Key topics to be covered at the conference are as follows:

### 1. Methods:

- 1.01 Seismic methods (Active & Passive) -reflection, refraction, surface waves, etc.
- 1.02 Microseismic monitoring
- 1.03 Potential field methods (gravity, magnetic)
- 1.04 Electric and IP methods
- 1.05 EM and MT methods
- 1.06 MRS and NMR methods
- 1.07 Ground-Penetrating Radar
- 1.08 Other geophysical methods - radiometry, thermal, photometry, muon, etc.
- 1.09 Borehole logging; borehole to surface and cross-hole tomographic methods
- 1.10 Geophysical modelling and inversion
- 1.11 Remote sensing (satellite, airborne, UAV, robotics)
- 1.12 AI/ML in near-surface geoscience and engineering
- 1.13 Geotechnical testing, modelling, and data analysis
- 1.14 Integrated approaches in near-surface geosciences and geoen지니어링
- 1.15 New technologies in sensors, equipment, and digitalisation (Cloud computing, quantum computing, IoT, Big data)

### 2. Application Areas:

- 2.01 Hydrogeology and groundwater
- 2.02 Human settlement and infrastructure development
- 2.03 Contribution to structural design/improvement
- 2.04 Geohazards and mitigation
- 2.05 Near-surface mineral exploration, mining, excavation and tunnelling
- 2.06 Petroleum exploration – improving deep images by understanding near surface
- 2.07 Shallow marine geoscience and engineering
- 2.08 Forensic investigation
- 2.09 Archaeology, cultural heritage, and hazardous old mine voids
- 2.10 Agricultural, medical, and environmental geosciences
- 2.11 Onshore / Offshore wind energy, near-shore/seabed characteristics investigation
- 2.12 New and green energy resources (solar, geothermal, etc.)
- 2.13 Dam and Levee Safety
- 2.14 Watershed management





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