

EAGE

EUROPEAN
ASSOCIATION OF
GEOSCIENTISTS &
ENGINEERS

3RD ASIA PACIFIC MEETING ON

NSGE
2020

**NEAR SURFACE
GEOSCIENCE &
ENGINEERING**

20-22 APRIL 2020 • CHIANG MAI • THAILAND

**FIRST ANNOUNCEMENT
& CALL FOR ABSTRACTS**

[EVENTS.EAGE.ORG](https://events.eage.org)

WELCOME

The European Association of Geoscientists & Engineers (EAGE) are excited to announce that the Third Asia Pacific Meeting Near Surface Geoscience event is coming to Chiang Mai, Thailand. We look forward to welcome all of you to join us in beautiful Thailand in April 2020.

TECHNICAL PROGRAMME COMMITTEE

Chairman: Weerachai Siripunvaraporn
(Mahidol University)

Co-chairmen: Koya Suto (Terra Australis
Geophysica Pty Ltd, Australia)
Dr. Pisanu Wongpornchai (Chiang
Mai University, Thailand)

TOPICS

We welcome submissions for the following topics:

1. Methods:

- 1.1 Seismic methods (Active & Passive) – reflection, refraction, surface waves , etc.
- 1.2 Electric, EM, MT, MRS and NMR Methods
- 1.3 Potential field methods
- 1.4 Remote sensing
- 1.5 Ground-Penetrating Radar
- 1.6 Other geophysical methods - radiometry, thermal, photometry, muon, etc
- 1.7 Borehole logging, borehole to surface, cross-hole and tomographic methods
- 1.8 Ground modelling and inversion (2D, 3D and 4D)
- 1.9 Integrated approaches in near-surface geosciences
- 1.10 Microseismic monitoring
- 1.11 Unmanned aerial vehicle (UAV)
- 1.12 New Technologies, Artificial Intelligence and Instrumental Development

2. Application Areas:

- 2.1 Engineering application in geotechnical investigations, site characterization, etc
- 2.2 Geohazards and disaster mitigation - quick clay, landslide, liquefaction, earthquake, volcanic eruption, tsunami, sub-marine movement, ground subsidence etc.
- 2.3 Geosciences for human environment – hydrogeophysics & hydrogeology, climate, contamination survey, etc.
- 2.4 Geosciences for surface mining and safety – open cut mining, slope stability, tailings dam, etc.
- 2.5 Shallow minerals exploration
- 2.6 Petroleum exploration – improving deep images by understanding near-surface.
- 2.7 Shallow marine geosciences
- 2.8 Geosciences for forensic investigation, archaeology and cultural heritage
- 2.9 Geothermal exploration
- 2.10 Agricultural, Medical and Environmental Geosciences
- 2.11 Geosciences for sustainable development
- 2.12 Geoparks / geotourism

EXTENDED ABSTRACT SUBMISSION DEADLINE: 31 DECEMBER 2019