



14TH ASIAN REGIONAL CONFERENCE OF IAEG

KUALA LUMPUR, MALAYSIA

27 FEB - 29 FEB 2024

ENGINEERING GEOLOGY AND GEOTECHNICS FOR DISASTER RESILIENCE

THIRD CIRCULAR



Organiser



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ENGINEERING GEOLOGY AND GEOTECHNICS FOR DISASTER RESILIENCE

INTRODUCTION

ARC-14 is organized by Society for Engineering Geology and Rock Mechanics Malaysia (SEGRM). The organizer offer an ideal opportunity and platform for professionals from the international engineering geology and geotechnical engineering community to exchange the latest experiences and ideas, particularly on the conference theme “Engineering Geology and Geotechnics for Disaster Resilience”. In addition to the technical programs, we will organize short courses, workshops, technical visits, exhibitions, as well social programs. We will also offer attractive programs for young researchers and students, such as Young Engineering Geologist Session.

SUB-THEME

- Site Characterization, Field & Laboratory Testing and Problematic Grounds
- Geological Hazards (Landslides, Earthquakes, etc.)
- Engineering Geology and Geotechnics in Wet Tropical Terrains
- Tunneling for Infrastructures and Underground Facilities
- Marine Engineering Geology and Offshore Geohazards
- New Technology in Engineering Geology and Geotechnics including Renewable Energy
- Special Session on ‘Landslide Hazard and Risk Assessment’ and ‘Geoscience and Engineering Roles in Community-Based Disaster Risk Management’

No	Year	Country	Theme
1 st	1997	Japan	Engineering Geology for Dam
2 nd	1999	Malaysia	Engineering Geology for Environmental Wellbeing
3 rd	2001	Indonesia	Natural Resources Management for Regional Development in Tropical Area
4 th	2004	Hong Kong	Engineering Geology for Sustainable Development in Mountainous Area
5 th	2005	Nepal	Engineering Geology for Major Infrastructure Development and Natural Hazards Mitigation
6 th	2007	Korea	Geohazards in Engineering Geology
7 th	2009	China	Geological Engineering Problem in Major Construction Projects
8 th	2011	India	Underground Space Technology in Civil Engineering and Mining Sectors
9 th	2013	China	Global View of Engineering Geology and Environments
10 th	2015	Japan	Geohazards and Engineering Geology
11 th	2017	Nepal	Engineering Geology for Geodisaster Management
12 th	2019	Korea	Role of Engineering Geology for the Safe Society and Environment
13 th	2021	Singapore	Engineering Geology for Sustainable Resources and Infrastructure Development
14 th	2024	Malaysia	Engineering Geology and Geotechnics for Disaster Resilience

Source: Website of JSEG & IAEG Japan National Group

VENUE & TRANSPORTATION

The venue will be held at Universiti Teknologi Malaysia (UTM, KL).

Address: UTM KL, Jalan Sultan Yahya Petra, Kampung Datuk Keramat, 54100 Kuala Lumpur, Wilayah Persekutuan Kuala Lumpur.

The transportation is at your convenience. You may travel by public transport, Grab car or taxi around Kuala Lumpur.



ACCOMMODATION

There are many hotels and homestay you could discover at Kuala Lumpur. The recommended hotel that you could accommodate is UTM Hotel & Residence, Scholar's Inn UTM KL, and The Royal Widad Residence. Besides, you may choose other hotel other than has mentioned, However, you are free to choose other hotel or homestay at Kuala Lumpur. You may [click here](#) to find more.





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TENTATIVE PROGRAM

DATE	PROGRAM
26 February 2024	<ul style="list-style-type: none">- Workshop 1: Principles & Practices of Engineering Geology & Rock Engineering- Workshop 2: Engineering Geological Modelling- Workshop 3: New Technology on Landslide & Risk Assessment for Critical Infrastructure- Meeting: IAEG Asian Representatives- Meeting: Young Engineering Geologist (YEG)
27 February 2024	14 th Asian Regional Conference of IAEG (ARC) <ul style="list-style-type: none">- Opening Keynote, En. Zamri bin Ramli, Director General of JMG- Conference banquet and Opening Ceremony
28 February 2024	14 th Asian Regional Conference of IAEG (ARC) <ul style="list-style-type: none">- Closing Ceremony and Prize Presentation
29 February 2024	Post-Conference Field Trip <i>*Included in conference fee</i>
1- 3 March 2024	Field Trip (Managed by Tour Operator) - To be confirmed

DEADLINE

TASK

END DATE

OPEN

FOR EXTENDED ABSTRACT SUBMISSION

1 JANUARY 2023

DATELINE

FOR SUBMISSION OF ABSTRACTS

30 NOVEMBER 2023

CONFIRMATION

OF ACCEPTANCE OF ABSTRACTS

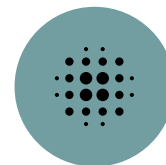
31 DECEMBER 2023



14TH ASIAN REGIONAL CONFERENCE OF IAEG

KUALA LUMPUR, MALAYSIA

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ENGINEERING GEOLOGY AND GEOTECHNICS FOR DISASTER RESILIENCE

OPENING KEYNOTE



ZAMRI BIN RAMLI

Director General, Department of Mineral and Geoscience Malaysia

Title: Engineering Geology and Geotechnics for Disaster Resilience:
Malaysian Perspectives

KEYNOTE SPEAKERS



PROF DR. VASSILIOS MARINOS

*President, International Association for Engineering Geology and
the Environment (IAEG),
National Technical University of Athens, Greece*

Title: TBA



PROF DR. FAQUAN WU

*Secretary General, International Association for Engineering
Geology and the Environment (IAEG)
Shaoxing University*

Title: Introduction to Micro-structural Soil Mechanics



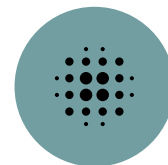
ANN WILLIAMS

*Past Vice President (Australasia) of the International Association for
Engineering Geology and the Environment (IAEG)
Past Chair, New Zealand Geotechnical Society Inc. Beca Ltd*

Title: A Question of Risk? An Update



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**KEYNOTE
SPEAKERS**



PROF DR. RANJAN KUMAR DAHAL

*Vice President for Asia, International Association for Engineering
Geology and the Environment (IAEG)*
Tribhuvan University, Nepal

Title: Changing Significance of Landslide Mitigation Practices in
Nepal



PROF DR. MASAHIKO OSADA

President of the Japan Society of Engineering Geology

Title: Long Term Measurements in Engineering Geology



PROF DR. A.T.M SHAKHAWAT HOSSAIN

Chairman, IAEG Bangladesh National Group
Jahangirnagar University, Bangladesh

Title: Geological Engineering for Prediction of Earthquake Induced
Liquefaction Risks and Societal and Sustainable Development



PROF DR. LOUIS WONG

Bulletin Editor In Chief
Department of Earth Sciences, The University of Hong Kong

Title: AI-based Rock Core Logging



ABD RASID BIN JAAPAR

*President, Society for Engineering Geology and Rock Mechanics
Malaysia (SEGRM)*
Chairman, IAEG Malaysia National Group

Title: Lessons Learned from Four Large-Scale Multiple Debris Flow
Disasters in Malaysia 2021-2022



REGISTRATION FEE

CATEGORY 1 - Early bird: USD250 (MYR1,000)

CATEGORY 2 - Standard: USD350 (MYR1,500)

CATEGORY 3 - On-site registration: USD450 (MYR2,000)

Note:-

- Undergraduate students eligible for 50% off for each categories (Confirmation Letter from University is required).
- Registration fee includes the conference days, dinner, and the conference field trip.
- Accommodation is **NOT** included in the fee.

WORKSHOP FEE

Workshop 1 - USD100 (MYR450)/Pax

Workshop 2 - USD100 (MYR450)/Pax

Workshop 3 - USD100 (MYR450)/Pax

Workshop 1: Principle and Practices of Engineering
Geology and Rock Engineering

Workshop 2: Engineering Geological Modelling

Workshop 3: New Technology on Landslide and Risk
Assessment for Critical Infrastructure



SUBMISSION OF ABSTRACT



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IAEG-ARC14 | Peer Review and Submission Management System

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Author's need to prepare the extended abstract that concentrate of the essential information of the presentation: purpose, methods, results and conclusions. It should be an abbreviated, informative, accurate representation of the presentation and not a mere recital of the subjects to be covered. [Please click here to download the extended abstract template.](#)

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Please check our website page to submit your abstract through the link given <https://www.arc14.asia/> and [click here](#) to download the abstract template

CONTACT US

Email: admin-arc14@segrm.org

Phone: +6018-2524267 (Whatsapp only)

FULL PAPER SUBMISSION

You are welcome to submit papers on any of the conference topics, prepared for ARC-14. The paper will be published in Bulletin of the Geological Society of Malaysia.

The Bulletin of the Geological Society of Malaysia (ISSN 0126-6187; e-ISSN 2637-109X) first published in 1967, is a peer-reviewed open access interdisciplinary journal which publishes Earth Science research that addresses not only trending research areas but also multidisciplinary application topics. The scope of published articles covers engineering geology, environmental geology, geochemistry, geomorphology, geophysics, hydrogeology, mining geology, paleontology, petroleum geology, regional geology, sedimentology, stratigraphy, structural geology and tectonics.

The Bulletin supports researchers primarily focusing on Asia/SE Asia, but is not limited to this region, and publishes research papers of both scientific and technical nature that are of current interest and have potential impact on activities such as oil & gas exploration, mining, environmental issues, earthquakes, hazard assessment, disaster risk reduction and climate change adaptation. The Bulletin also promotes geological interest on subjects of a conservation nature such as geo heritage and geo tourism.

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The Bulletin is published twice a year (May and November) by the Geological Society of Malaysia (GSM). All papers will be subjected to a double-blind review by two or more reviewers. Generally, the review process will take two months and one month will be allocated for corrections. Once accepted, the corresponding author will be informed within a month from the receipt of the revised manuscript. Those interested in submitting a manuscript should first read the Instruction to Authors.

GSM is committed to upholding standards of ethical behaviour at all stages of the publication process (see Publication Ethics) and we recommend the Committee on Publication Ethics (COPE) Best Practice Guidelines.

Authors can self-archive all versions of their work in their own web pages, institutional web pages, and another repository.

The Bulletin is indexed in the following abstracting and indexing services and databases: Scopus, AAPG Datapages and MyJurnal/MyCite.

All correspondence pertaining to publication should be addressed to:

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Tel: 603-7957 7036 Fax: 603-7956 3900

**Email 1: geologicalsociety@gmail.com
Email 2: editor@gsm.org.my**



POST-CONFERENCE FIELD TRIP

29 February 2024



Universiti Teknologi
Malaysia (UTM) Kuala
Lumpur



MRT Gallery



SMART Tunnel

MASS rapid transit (MRT) system is a rail system which is used for transporting passengers in urban areas. It is known by various other names such as mass transit, subway, underground railway or metro.

SMART – Stormwater Management and Road Tunnel – is as clever as its name suggests. The 11.5km long 13.2m diameter world-first dual-purpose tunnel diverts flood waters away from the confluence of the two rivers running through Kuala Lumpur while its middle 3km section doubles up as a two-deck motorway to relieve traffic congestion at the main southern gateway into the city centre.



Highland Tower

Highland Towers is located at Taman Hillview, Ulu Klang Selangor. It consists of three blocks 12 story high apartments, named Block 1, 2, and 3 respectively. Due to 10 days of torrential rain, Block 1 collapsed, burying the building's occupants under tons of debris and caused 48 people died and 12 others were evacuated from the other building. It was one of the most tragic building accidents in Malaysian history where residential towers collapsed and killed people



Genting Sempah

Debris flow occurred at Genting Sempah, Pahang after heavy rainfall and a series of sequential events which are typical of debris flows have been involved. Resulted in 20 deaths, 22 people injured and some vehicles damaged.



Batang Kali

The landslide at the Father's Organic Farm in Batang Kali on Dec 16 is Malaysia's second worst disaster in terms of fatalities, after the Highland Towers condominium collapse in 1993 which claimed 48 lives, according to the Special Malaysia Disaster Assistance and Rescue Team (SMART). 31 people were killed in the 2.30am landslide which saw tonnes of earth come crashing down on the campsite. 18 of those killed were adults and 13 were children, with 20 bodies recovered from Sector A, one from Sector B and 10 from Sector C.



Genting Premium Outlet (GPO)

Genting Highlands Premium Outlets is Southeast Asia's second Premium Outlet Center and the world's first hilltop Premium Outlet Center. The shopping destination offers more than 150 designer brands and stores.

For details of the daily tours and post conference field trip, please see information below:

Pre-requisite:

- The seat will be opened for ARC participants. However, the seats are limited.
- You may inform to the committees pertaining to the attendance of the field trip at least 2 weeks before the conference.

Enjoy the Malaysian soil and experience an unparalleled Malaysia!