



# IAEG

## NEWSLETTER

Issue No.2, 2025  
Website: [www.iaeg.info](http://www.iaeg.info)  
Electronic Version



## COVER STORY

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**The Beauregard Dam** offers a compelling case study in the Savaranche Valley, in Italy's Aosta Valley region (northwest), illustrating the impact of large slope instabilities on infrastructure.

In this case, the double-arch concrete dam was built in the late 1950s on a slope later found to be affected by a deep-seated gravitational slope deformation (DSGSD). This movement, which was not detected during construction, had a significant impact on the dam, ultimately limiting its use to just 10% of the reservoir's originally planned capacity.

Between 2011 and 2015, the Beauregard Dam was partially



dismantled—its height reduced from the original 72 m to 20 m—in order to mitigate the environmental impact of such a large

structure on the valley. The new, smaller dam is now proportionate to the authorized lake volume and is better suited to withstand the ongoing movement of the DSGSD.

This transformation represents an important example of how large-scale infrastructure can be adapted to cope with deep-seated slope movements, balancing engineering needs with environmental and safety considerations.

Provided by IAEG  
Advisory Board Member  
Daniel Giordan



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# 1. NEWS OF EXECUTIVE COMMITTEE

## IAEG Mid-term Executive Committee Meeting 2025 in Delft, Netherlands



**IAEG MID-TERM EXECUTIVE COMMITTEE MEETING 2025 in Delft**  
- host city of the upcoming XV IAEG 2026 World Congress

**Some Core Subjects of the Meeting:**

- Advancing effective governance and professional administration to better serve our growing global membership
- Strengthening the work and impact of our Technical Commissions (TC)
- Empowering Young Engineering Geologists (YEG) and Women in Engineering Geology (WEG) through funding, mentoring and leadership opportunities
- Expanding funding mechanisms for education & training-especially in underrepresented regions
- Promoting the profession of engineering geology & the visibility of IAEG & many other crucial issues
- Foundation for digital transformation
- Organization of all future IAEG conferences and events
- Establishment of Code of Conduct and EDI policy update

These two days in Delft, marked by intensive sessions from 09:00 to 18:00 with minimal breaks, reaffirmed our shared vision and commitment to advancing engineering geology through robust scientific collaboration & the development of effective governance frameworks to meet the evolving demands of our global community.

**The meeting was a testament to the dedication and professionalism of our team.**

*Executive Committee of IAEG*

**Explore IAEG's Global Presence (2025-26) in the Events Tab!**

**IAEG's Worldwide Events**

- Namibia
- Brazil
- USA
- Canada
- Argentina
- Nepal
- India
- Netherlands

The recent two-day mid-term IAEG Executive Committee meeting was both productive and inspiring. Together with the Executive Committee we tackled key priorities to shape the future of our field. **Central focus was given on preparing for the IAEG 2026 World Congress, which will take place 30/10/26-06/11/26 in Delft (Netherlands)**, organized by the IAEG Dutch NG.

The Netherlands, a country that has learned to live with water, to innovate in soil mechanics and delta management and to turn geological challenges into global leadership, will be hosting the World Congress for the second time since 1964.

Our appreciation to all members of the organization committee for hosting us in Delft the past days and making a wonderful presentation about the IAEG2026 progress in the congress venue of Delft University of Technology.

**We are especially excited about the strong commitment shown by everyone involved to deliver a world-class congress in 2026, a milestone event for our profession.**

### IAEG Vice President Shengwen Qi's Visit to Mongolia

From 22 to 24 June 2025, as IAEG VP, Prof. Shengwen Qi visited institute and university in Mongolia with the help of IAEG Mongolia NG. For better mutual understanding and in-depth communication both in academy and culture, Prof. Shengwen Qi also invited 10 young and excellent

colleagues of various disciplines of the Institute of Geology and Geophysics, Chinese Academy of Sciences (IGGCAS) to join the visit.

On the morning of 23 June, Prof. Qi and 6 Chinese colleagues visited the Institute of Geology of Mongolian Academy of Sciences. The director of the institute Dr. Turbold Sukhbaatar and his colleagues hosted a meeting with us. Dr. Turbold

Sukhbaatar introduced the development and the international cooperation of geology in Mongolia and overview of the Institute of Geology of Mongolian Academy of Sciences. Prof. Qi introduced the IAEG and development of engineering geology. In free discussion, the participants from both sides had a relaxed and pleasant exchange on topics of concern to each other, especially the future cooperation.





Visit to the Institute of Geology of Mongolian Academy of Sciences

On the afternoon of 23 June, Prof. Qi and 6 Chinese colleagues visited the Department of Hydrogeology and Engineering geology, Mongolian University of Science and Technology (MUST), who had a meeting with the representatives of IAEG Mongolia NG, United Engineering Geological Association of Mongolia, Civil and Geotechnical Engineering Industry and Science Institution, Department of Hydrogeology and

Engineering geology of MUST. Dr. Norjmaa TOGTOKH, Dr. Gendendorj TUNGALAG, and Dr. Magsar MYAGMARJAV, National consulting engineer of Mongolia, were invited to attend the meetings.

The meeting was hosted by Mr. Batbayar Batkhoo, President of IAEG Mongolia NG and Mrs. Erdenetsetseg Altangerel, Secretary General of IAEG Mongolia NG.

Prof. Qi made a speech about IAEG Induction and

development engineering geology and circulated the flyer of ARC 15. Mr. Batbayar Batkhoo made a speech about IAEG National Group of Mongolia. Prof. Laicheng Miao made a speech about IGGCAS introduction. Associated Prof. Enkhbayar Dandar made a speech on Department of Hydrogeology and Engineering geology introduction. Mr. Enkhtur Tungalag, member of YEG, made a speech on Geological Research in Mongolia.





IAEG Introduction by Prof. Shengwen Qi

Afternoon tea break, addressed all by young members, there were academic reports and discussion on interdisciplinary integration within the framework of earth system science. Prof. Lin Chen made a speech on Numerical modeling of the Tibetan Plateau uplift: Focusing on deep processes. Prof. Xiaofeng Liang made a speech on Craton instability induced by plume-originated magma intrusion: Inference from crustal structures of the Tarim Basin. Associated Prof.

Ji'en Zhang made a speech on Sub-parallel ridge-trench interaction in northern Xinjiang: Insights for geodynamics of Mid-Paleozoic porphyritic copper-gold mineralization. Associated Prof. Deke Xu made a speech on Rapid response of Northeast Asian Mountain vegetation to millennial-scale climate events during the last deglaciation.

The 4 reports above by young scholars covered geodynamic simulations, seismic structure, tectonic mineralization and

quaternary and environmental evolution, which are ineligible background of engineering geology and the environment. Meanwhile, they all focused on the regions near and including Mongolia. Therefore, there were heated discussions after every speech.

The meeting also had a further and detailed exchange on academic and technical activities now and the future. Prof. Qi initiated an IAEG international forum to be held in appropriate timing and format.



Well-designed flyer by IAEG Mongolia NG





Group Photo

## IAEG Vice President Ranjan Kumar Dahal's Visit to Japan, Bangladesh and China

This report provides a detailed account of Ranjan's recent professional visits to Bangladesh, Japan, and China during May and August 2025, undertaken in his capacity as Vice President for Asia of the International Association for Engineering Geology and the Environment (IAEG). The visits aimed to advance academic collaboration, promote IAEG membership, strengthen preparations for the upcoming 15th Asian Regional Conference (ARC-15) in Kathmandu, and engage stakeholders in the shared mission of advancing engineering geology and geohazard risk management across Asia.

In all three countries, ARC-15 was extensively advertised, with promotional materials distributed, conference themes

discussed in depth, and participants encouraged to contribute sessions, research, and youth engagement initiatives. These visits also served to promote EGCON 2025 in Delhi, India, as another important regional gathering for geoscientists.

### Visit to Japan

#### ● Guest Lectures and University Engagement

Upon the invitation of the Japan Society of Engineering Geology (JSEG) and Kagawa University, Ranjan delivered a guest lecture at Kagawa University on 14 May 2025 on "Risk Communication and the Role of Engineering Geology." The audience of faculty members, researchers, and students actively engaged in discussions on Nepal's community-based disaster risk reduction practices, hazard mapping, and risk communication strategies.

Subsequently, Ranjan

traveled to Tokyo to deliver the same lecture at the JSEG headquarters. This session was met with great interest, opening new channels for collaborative research and academic exchange between Nepal and Japan in engineering geology and disaster risk management.

#### ● JSEG Meeting in Tokyo

On 16 June 2025, Ranjan attended a meeting at the Kokusai-Kogyo Office, Shinjuku Front Tower, Tokyo. His presentation focused on disaster risk communications in developing countries and the central role of engineering geologists in building resilient communities.

Ranjan also emphasized ARC-15 as a landmark event for the Asian engineering geology community, encouraging JSEG members to actively participate, submit session proposals, and promote the event among Japanese institutions and

companies.



Photo: Delivering Lecture at Kagawa University, Takamatsu, Japan



Photo: Site visit of ARC-16 venue Izumi-Sano in Osaka, Japan

### ● ARC-16 Preparations Plans of JSEG in Osaka

In Osaka, Ranjan inspected the venues for the 16th Asian Regional Conference (ARC-16) of IAEG scheduled for November 2027. The Izumi Sano City Cultural Hall was confirmed for the main conference, with workshops and parallel sessions also to be held there. The Umeda Daini Building will host executive and council meetings. Discussions with the JSEG Osaka team included WEG and YEG sessions, keynote topics, technical workshops, catering arrangements, and pre- and post-conference excursions.

Attendance is projected to exceed 450 participants, combining Japanese and international delegates.

### Visit to Bangladesh

From 4 to 8 August 2025, Ranjan, together with Dr. Manita Timilsina, Coordinator of the ARC-15 Secretariat, visited Bangladesh at the invitation of the Bangladesh National Group of the International Association for Engineering Geology and the Environment (IAEG-BNG). The visit was part of a series of pre-conference outreach and collaboration activities aimed at promoting the 15th

Asian Regional Conference of IAEG (ARC-15) to be held in Kathmandu in November 2025.

During their stay, they engaged extensively with three leading geological institutions in Bangladesh — Jahangirnagar University, the University of Dhaka, and the Geological Survey of Bangladesh. These visits included scientific exchanges, promotional sessions for ARC-15, discussions on strengthening engineering geology education, and exploring opportunities for joint initiatives in geohazard research and capacity building.



- **Pre-ARC-15 Scientific Exchange at Jahangirnagar University**

The Bangladesh National Group of IAEG (IAEG-BNG), in collaboration with Jahangirnagar University (JU), organized a Pre-ARC-15 scientific exchange on the theme “Youth, Collaboration, and the Future of Engineering Geology” at the Department of Geological Sciences. The event featured keynote addresses by Ranjan and Dr. Manita Timilsina, which highlighted regional cooperation, youth engagement, and the role of engineering geology in tackling shared geohazards.

The program included participation from local experts such as Prof. ATM Shakhawat Hossain, President of IAEG-BNG, and Prof. HM Sayem, Chairman of the Department. Discussions emphasized Bangladesh’s growing role in regional geological research and outlined joint initiatives, including a proposed Post-ARC-15 field trip in Bangladesh. The day concluded with youth-led project presentations and a reaffirmation of cross-border scientific solidarity.

- **Engagements with Universities and Geological Institutions**

During the visit, Ranjan, along with Dr. Timilsina, met with faculty and leadership at three key institutions, Jahangirnagar University (JU), the University of Dhaka (DU), and the Geological Survey of Bangladesh (GSB), to share ARC-15 updates and invite broad participation from Bangladesh. Ranjan stressed the importance of launching M.Sc. Course in Engineering Geology at the University of Dhaka and Jahangirnagar University, encouraging early implementation to strengthen geo-engineering education and capacity.



Photo: Presentation in Geological Survey of Bangladesh (GSB)





Photo: Group photo with professors and student chapter executives in Dhaka University.



Photo: Visit of Jahangirnagar University, lectures and exhibition by student chapter of IBNG in the university.



In all meetings, IAEG membership benefits were presented, including networking, research collaboration, and access to professional development resources. ARC-15 promotional brochures were distributed widely, generating enthusiasm among faculty, students, and professionals. The potential for Bangladesh to contribute sessions, speakers, and student delegates to ARC-15 was a recurring theme.

### ● IBNG's Youth Engagement Model

One of the most remarkable

achievements of the IAEG Bangladesh National Group (IAEG-BNG) under the leadership of Professor ATM Shakhawat Hossain is the establishment of active student chapters across five universities in Bangladesh, each comprising more than 20 members. This is the first time in IAEG's history that a national group has successfully launched formal student chapters. It represents a pioneering approach to youth engagement within the association and has set a new benchmark for member development strategies.

These chapters are already playing an active role in IAEG activities, contributing to scientific events, promoting ARC-15 participation, and fostering a sense of ownership and commitment among the next generation of engineering geologists. By bringing together motivated young members under a structured network, IBNG has created an energetic pipeline of future IAEG leaders who will carry forward the mission of advancing engineering geology for sustainable development and environmental protection.



Photo: Members of student chapter of IBNG in Jahangirnagar University

This initiative is a perfect example of visionary leadership by ATM Shakhawat Hossain, whose dedication and strategic thinking have made it possible. The model's success makes it highly replicable in other countries seeking to expand and rejuvenate their membership base. IAEG should formally

congratulate Professor Hossain and the IBNG team for this innovative contribution to the association's future.

The hospitality, enthusiasm, and organizational commitment demonstrated by IAEG-BNG during his visit left a lasting impression, further

strengthening collaborative ties between Bangladesh and Nepal in promoting engineering geology and geohazard management across the region.

### Visit to China

*Ranjan's China visit included two distinct events:*



**April 18–20, 2025 – 1st International Symposium on Geo-Disaster Prevention and Control throughout the Life Cycle of Reservoirs (ISGdPC)** at China Three Gorges University (CTGU), Yichang. Ranjan was invited to deliver a keynote lecture commemorating the 40th anniversary of the successful prediction of the Xintan Landslide.

**May 17–19, 2025 – 5th Badong International Geohazards Symposium (BIGS2025)** in Wuhan.

- **Participation in ISGdPC 2025 – Yichang**

From 18 to 20 April 2025, Ranjan attended the *1st International Symposium on Geo-Disaster Prevention and Control throughout the Life Cycle of Reservoirs (ISGdPC)*,

hosted by China Three Gorges University (CTGU) in Yichang, Hubei Province. The event commemorated the 40th anniversary of the successful prediction of the Xintan Landslide in the Three Gorges region, a landmark achievement in the history of engineering geology and geohazard management.

Ranjan was honored to deliver a keynote lecture focusing on Geohazards and landslides in the Himalaya highlighting lessons from Nepal's reservoir and slope stability projects, as well as parallels with large-scale hydropower and reservoir safety initiatives in China. His presentation underscored the need for continuous monitoring, interdisciplinary collaboration, and community engagement throughout the life

cycle of reservoirs to prevent catastrophic failures.

The symposium brought together leading Chinese and international experts in engineering geology, hydropower, and geotechnical engineering. Technical sessions addressed long-term stability assessment of reservoir slopes, intelligent monitoring systems, and disaster preparedness strategies. ARC-15 of IAEG, scheduled for November 2025 in Kathmandu, was widely promoted during the event, with brochures distributed to participants and personal invitations extended to researchers, government representatives, and students. EGCON 2025 Delhi was also introduced as a complementary platform for regional collaboration.



Photo: Presentation in Yichang, China



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## ● Participation in BIGS2025

From 17–19 May 2025, Ranjan participated in the 5th Badong International Geohazards Symposium (BIGS2025) in Wuhan and Badong, Hubei Province, organized under the theme “Intelligent Engineering Geology and Geohazards Prevention.” The symposium brought together over 600 participants, including leading geoscientists, engineers, and policymakers from across the globe. Ranjan actively promoted ARC-15 throughout the event, distributing brochures to all participants and personally inviting them to attend in Kathmandu this November. This effort significantly enhanced ARC-15’s visibility within the international geohazards community.

The symposium also served as an excellent platform to promote EGCON 2025 in Delhi, India, to an audience already engaged in regional geoscience collaboration.

Academic sessions at BIGS2025 addressed early intelligent identification of geohazards, geohazard evolution processes, multi-source data fusion, landslide prediction, and prevention technologies. His interactions focused on knowledge-sharing opportunities between China and Nepal, particularly in hazard monitoring, data-driven forecasting, and community engagement strategies.

## ● Concluding remarks

The series of visits to Bangladesh, Japan, and China were highly productive in advancing IAEG’s mission in Asia. In Bangladesh, the Pre-

ARC-15 scientific exchange galvanized youth engagement, fostered institutional partnerships, and set the stage for new academic programs in engineering geology. In Japan, collaborative discussions with JSEG and venue inspections in Osaka moved preparations for ARC-15 and ARC-16 forward. In China, ISGdPC and BIGS2025 provided high-profile platforms for promoting ARC-15 to over 800 participants, along with outreach for EGCON 2025 Delhi, while also delivering valuable technical insights through sessions and field visits.

These visits not only strengthened professional networks but also solidified Asia’s commitment to collective action in engineering geology, hazard mitigation, and sustainable development.





## 2. YEG ACTIVITIES

### YEG Showcases Vibrant Initiatives at EGU in Vienna, Fostering Global Collaboration in Engineering Geology

At the EGU General Assembly in Vienna, the YEG made a strong impression at Booth #08, highlighting their commitment to global collaboration and innovation in engineering

geology. The booth attracted fantastic visit records, thanks to the enthusiastic engagement of attendees and the hard work of the YEG team, including YEG representative Tumay

Koca and the supporting Vice Presidents. YEG invites peers and professionals to join their network to advance careers and foster meaningful connections in the field.



YEG' s Booth at EGU 2025 in Vienna





## YEG Article

### Quick tool to enhance temporal resolution of rainfall intensity in data-scarce regions

Om Prasad Dhakal

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This study presents a method to calibrate remote sensing-derived rainfall data adjusted to align with station-measured daily totals. This approach is particularly useful for regions lacking high-frequency rainfall data, and calibrating remote sensing data offers the most practical solution.

#### 1. Introduction

Data-scarce regions are confined to coarse temporal resolution (typically daily total), which hinders the option to run a hydrological model for hazard (scenario) analysis. Although the daily totals would allow rainfall calculation over various return periods based on historical data (Gumbel, 1941); the temporal resolution stays with the daily total and needs correlation over smaller timesteps. Downscaling the daily total intensity into shorter temporal intervals can be achieved by (among other methods) incorporating remote sensing means because of its global availability and better temporal resolution. One example comes as an output of the Global Precipitation Mission (GPM) of NASA, which allows the combination of data acquired over many

simultaneously running satellites. Integrated Multi-satellite Retrievals (IMERG) is one of those algorithms (Huffman et al., 2020) that interpolates (involving recalculations) data from various satellites (mostly on microwave and infrared spectrum) moving around the globe to publish datasets of rainfall intensity on various temporal and spatial resolutions. The finest spatial resolution available is  $0.1^{\circ} \times 0.1^{\circ}$  degree, which within the geographic coordinates (WGS84) would correspond to  $\sim 11.1$  (lat)  $\times 9.8$  (long) km for Nepal (280N). The temporal resolution, however, is available over various datasets from every 30 minutes to daily and monthly.

The algorithms used within IMERG are advancing with new versions. Version 7 has been ongoing since mid-2024, which replaced version 6. The data availability within GPM is as early as June 2000. Aimed over various scopes—three sets of data are published 1) early run—intended over immediate disaster operations for first responders, 2) late run—interpolation of the early run aiming to make the dataset more precise, and 3) final

run—station calibrated and encouraged to use for research. The final run calibrates the precipitation data with station measurements covering most parts of the world and is thought to have accuracy over the USA. However, data in the Himalayas needs closer monitoring because of the orographic effect. The IMERG product therefore needs calibration over the mountain catchment based on the station measurement within. The calibration could get crucial depending on the type of assessment, for example for relocation of settlement.

#### 2. Example from a mountain rainfall station

Data from the Tarke Ghyang rainfall station in central Nepal maintained by the Department of Hydrology and Meteorology, the Government of Nepal, is shown within this section. The station lies at lat long (WGS84)  $28.0^{\circ}$  N  $85.5^{\circ}$  E with the station ID- S1058. Data from 1974–2011 was analysed, including the recorded daily total precipitation measurement. The daily data was computed with gumble distribution to calculate the daily total rainfall intensity for return periods of 20 years and 100 years which were

respectively 206 and 268mm/day. Separately, the IMERG record was downloaded within the Google Earth Engine environment to get output for the calculated intensity within the Tarke Ghyang area for

one day (2011-07-17). The code for retrieving IMERG V07 is available here<sup>1</sup>. IMERG records are shown on the green line in Figure 1 show the half-hourly intensity obtained for Tarke Ghyang. The IMERG

daily total was added to be 151mm, for which the daily total on Tarke Ghyang station measures 82mm. The IMERG record overestimated the rainfall in this case.

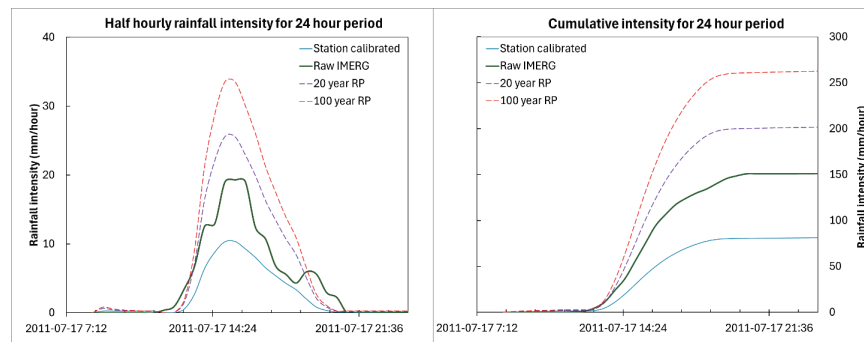


Figure 1 Half-hourly rainfall intensity (left) and cumulative for 24 hours (right) for Tarke Ghyang Station. The green line shows the satellite-measured intensity, and the blue line shows the corrected intensity based on station measurement. The dotted lines show the extrapolation for various return periods of rainfall.

Since the satellite measurement did not match the station measurement and considering the station measurement of rainfall more precise, the rainfall intensity is fitted according to Johnson's SB distribution to obtain the daily total measurement equal to 82mm for 2011-07-17. Moreover, this rainfall intensity could also be extrapolated into the derived return period values to fit the daily distribution obtained within the IMERG record. The designed intensities are shown in Figure 1. The Johnson SB distribution is used for data fitting as it allows flexibility in the curve fitting with two shape parameters, one scale parameter and one location parameter (Johnson, 1949).

### 3. Conclusion

This workflow shows the calibration of satellite-measured rainfall intensity with data fitting within a flexible distribution. Upon the time

series analysis of historical rainfall records, the workflow also showed how a daily total rainfall could be downscaled with the assumption that the rainfall intensity would be distributed according to the date 2011-07-17. The storm designed here can be meaningful in generating scenario analysis on areas lacking temporal resolution shorter than a day. I announce a disclaimer that the results shown for the return period analysis are completely a data extrapolation exercise, which should be used with caution.

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### Author Responsibility Disclaimer

During the preparation of this work, generative AI and AI-assisted technologies were not used in the writing process. The author takes full responsibility for the content of the publication and for properly referencing all figures, tables, and information included in the article



### 3.

## WEG ACTIVITIES

## WEG Events at the Upcoming 15<sup>th</sup> Asian Regional Conference of IAEGWEG Events at the Upcoming 15th Asian Regional Conference of IAEG



### Women in Engineering Geology

#### WEG Session in ARC-15 of IAEG

#### Empowering Women in Engineering Geology

**JOIN US TO LEARN FROM AND WITH WOMEN IN ENGINEERING GEOLOGY**

**KEY THEMES**

- Breaking down barriers
- Overcoming gender based challenges in the field of engineering geology.
- Leadership & mentorship
- Inspiring the next generation of women engineering geologists.
- Innovations & contributions
- Showcasing success stories and research by women in engineering geology.
- Opportunities & networking
- Building a strong global community of women and advocates for women in engineering geology.

**WHY ATTEND?**

- Gain valuable insights from experienced women in engineering geology
- Connect with professionals and expand your network
- Explore opportunities for mentorship and career growth

**CONFERENCE ATTRACTIONS:**

- Pre-conference ice-breaker hike for women sponsored by NSEG
- Panel discussion
- Quick fire research presentations
- Short interactive workshop
- Poster/photo exhibition

**Session Convener:**  
IAEG-WEG Chair  
  
Ann Williams

**Coordinators:**

  
Anjila Malla  
NSEG-WEG Chair

  
Mahmuda Khatun  
IBNG-WEG Chair

**WHO SHOULD ATTEND?**

- Men and women professionals in Geoscience and Engineering
- Industry leaders and policymakers
- Anyone advocating for gender diversity in STEM fields
- Students and early-career Geologists

**Organizers:**  **Co-organizers:**  

**Together, let's shape a more inclusive future in engineering geology!**

**ARC-15 of IAEG**

★ **Register Now!** Secure your spot for this session  
✉ **Contact Us:** [arc15ktm@gmail.com](mailto:arc15ktm@gmail.com) **More Info:** <https://arc15.nseg.org.np/>

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## 4.

# IAEG SUMMER SCHOOL 2025

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## “The Role of Geological Models for Geo-Hazards Management and Infrastructure Design” Aosta, Italy | 7–15 July 2025

The Fourth Summer School of the International Association for Engineering Geology and the Environment (IAEG) was successfully held in Aosta, Italy, from July 7 to 15, 2025. The event focused on the pivotal role of geological models in assessing and mitigating geo-hazards, as well as their application in the design and maintenance of civil infrastructure.

This intensive educational initiative brought together graduate students, early-career researchers, and professionals from across the globe, offering a unique multidisciplinary platform for knowledge exchange and professional development. The summer school was organized with the support of the Aosta Valley Region and under the patronage of several national and international institutions.

The program featured a combination of lectures, applied workshops, field trips, and collaborative working groups, all designed to bridge theoretical understanding

and practical application.

The central theme was the development and use of engineering geological models to support hazard analysis, land-use planning, and infrastructure design in complex geological settings.

Crucially, the Summer School was marked by the active participation of prominent international experts, whose contributions ensured both the scientific rigour and global relevance of the event. Among them were:

- Prof. Steve Parry (IAEG C25), presenting on engineering geological models in hazard assessments
- Prof. Vassilis Marinos (NTUA, President of IAEG), discussing lessons learned from major infrastructure projects
- Prof. Giovanni Crosta (University of Milano Bicocca), leading sessions on slope modelling and rockfall hazard simulation

- Prof. Wilfried Haeberli (University of Zurich), addressing cascading processes in high mountain environments
- Prof. Cees van Westen (University of Twente), exploring multi-hazard and multi-risk analyses
- Prof. Steve Hencher (University of Leeds), providing insights into rock mechanics in practice

Other distinguished speakers from Italian institutions, such as ITALFER, the Polytechnic of Milan, INGV, and the University of Padua, contributed significantly to the educational content, further enhancing national and international synergy.

Field excursions to key locations—such as Courmayeur, which is affected by glacier-related processes, and the Beaugregard Dam, influenced by large-scale slope instabilities—enabled participants to observe natural processes and engineering responses firsthand. These experiences were



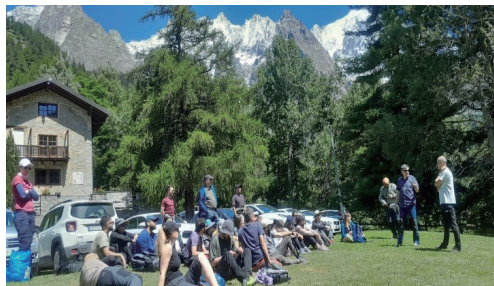
complemented by technical workshops on digital outcrop analysis, debris flow modelling, and seismic microzonation.

The Summer School fostered a highly interactive and collaborative environment. Participants worked in interdisciplinary groups,

presented case studies, and engaged in open discussions with leading scientists and practitioners.

In conclusion, the 2025 IAEG Summer School successfully combined advanced training, international scientific dialogue, and practical field exposure.

It reaffirmed the central importance of geological models in hazard management and infrastructure design, while strengthening global academic and professional networks within the field of engineering geology.



2025 Summer School Lecture and Training



Field Excursions to Courmayeur



Group photo of 2025 Summer School in Aosta, Italy

# 5.

# RECENT RESEARCH FRONTIER ON 2025 MYANMAR EARTHQUAKE

On March 28, 2025, the magnitude 7.7 earthquake affected Myanmar and northern Thailand, causing widespread liquefaction in the Mandalay region and localized ground deformation in surrounding areas. Prof. Xiwei Xu's team from China University of Geosciences Beijing has recently published "The Mw

7.7 Myanmar earthquake: a continental longest surface-rupturing supershear cascading event" in npj Natural Hazards, focus on their recent research on 2025 Myanmar earthquake. You can get it by using the following Link:

Paper Link:

<https://rdcu.be/exMJM> or

<https://www.nature.com/articles/s44304-025-00125-z>

Please review the paper contents, it is welcomed to exchange ideas or discuss more about the 2025 Myanmar earthquake with researchers in this area.

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Perspective

Open access

Published: 25 July 2025

**The Mw7.7 Myanmar earthquake: a continental longest surface-rupturing supershear cascading event**

[Xu Xiwei](#) , [Kang Wenjun](#), [Wang Tao](#), [Zhang Xianbing](#), [Liu Yuzhuo](#), [Zhang Yuxuan](#), [Zhao Jizhen](#), [Li Kang](#), [Wang Qixin](#), [Cheng Jia](#) & [Ren Junjie](#)

[npj Natural Hazards](#) **2**, Article number: 73 (2025) | [Cite this article](#)

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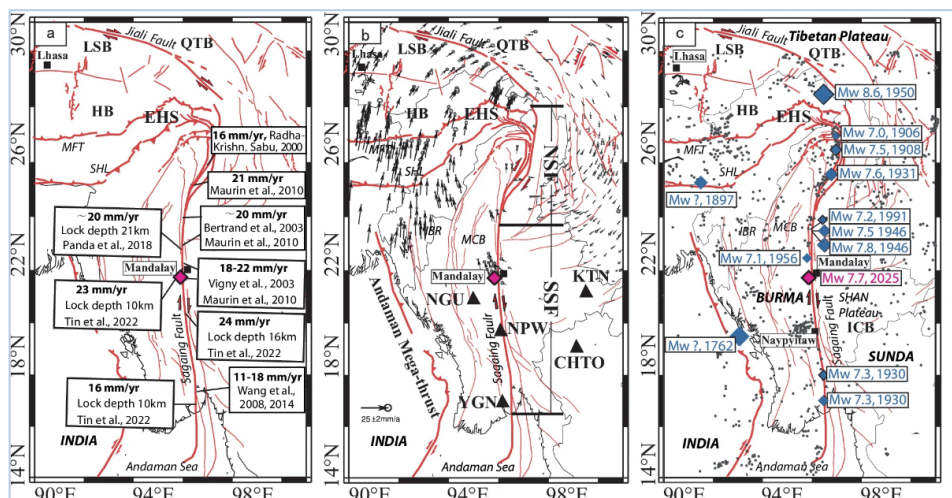
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Abstract

Utilizing the pixel offset tracking and optical satellite imagery, this study interpreted the 2025 Myanmar Earthquake(Mw7.7) distribution and segmentation of surface ruptures along the Sagaing fault. The total length of the surface rupture is estimated to be 465 ± 25 km, predominantly characterized by supershear rupture propagation. This rupture process generated distinct near-fault strong ground motion spectra, which played a critical role in the earthquake's devastating impact.



Fault geometry, kinematics, and historical earthquakes along the Sagaing fault.



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## 6.

# NEWS OF FEDIGS

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### First International Joint Workshop of JTC 3 and JTC 1

Invited by The New Zealand Geotechnical Society, JTC 3 will hold the first International Joint Workshop with JTC 1 on Landslide Risk Assessment, Communication and Geo-education. They will share the latest research and develop best practice guidelines in the stunning New Zealand city of Queenstown.

The theme “Landslide Risk and Geo-Education” unifies the full lifecycle of landslide risk management. It encompasses the needs to educate the next generation of landslide risk managers, to robustly understand landslide risk, and to communicate that risk to the public and decision makers so that real change is implemented.

This landmark international event unites JTC 1 and JTC 3 to advance landslide risk assessment, education, communication, and outreach – creating a unique opportunity to make a real change, and will be attended by leading experts from around the world.

Please refer to <https://landsliderisk.nz/> for the detailed information.

#### JTC 3's Mission

JTC3 is a Joint Technical

Committee on Education and Training of the Federation of International Geo-engineering Societies (FedIGS) representing the International Society for Rock Mechanics and Rock Engineering (ISRM), International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE), International Association for Engineering Geology and the Environment (IAEG), and International Geosynthetics Society (IGS).

The goal of JTC3 is to contribute to broad cooperation between international geo-engineering societies and their members in teaching, training and outreach. JTC3 supports education with a focus on academic educators, graduate and undergraduate students, and a focus on industry to support professional development. Linkages between academia, industry and government are enhanced by collaborative technical and professional training opportunities and materials for all career levels.

#### IAEG Represent on FedIGS JTC 4

Celeste Jorge and Paul Nathanail represent the IAEG on the Federation of International Geo-Engineering Societies (FedIGS) Joint Technical Committee on



Environmental and Geo-Engineering Sustainability (JTC4).

JTC4 comprises members from the International Society for Rock Mechanics and Rock Engineering (ISRM), International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE), International Association for Engineering Geology and the Environment (IAEG), and International Geosynthetics Society (IGS). The goal of JTC4 is to unite the voices of the geotechnical engineering community and present a core message regarding our role in supporting global efforts for long-term environmental and infrastructure sustainability. JTC4 is reaching out to members of the four organisations to ask them to complete a as part of this effort. The survey, which should take about 20 minutes to complete, is available at <https://bit.ly/4IC1u0J>

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## 7. NEWS OF NATIONAL / REGIONAL GROUPS

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### **\*\*ARGENTINA\*\***



The IAEG Argentina National Group is proud to endorse the **3rd Argentina Congress of Applied Geology to Engineering and the Environment**, to be held from September 24–27, 2025. Organized by the Argentine Association of Engineering Geology (ASAGAI), this landmark event coincides with **ASAGAI's 50th anniversary**, offering a unique platform to reflect on past achievements and shape the future of the discipline.

The Congress will feature a robust Scientific Program including keynote lectures, oral presentations, and poster sessions showcasing cutting-edge research in engineering and environmental geology, while also providing excellent Networking Opportunities in a welcoming atmosphere designed to reconnect colleagues and foster new

collaborations across academia, industry, and government sectors.

The Congress aims to promote interdisciplinary dialogue to address real-world geotechnical and environmental challenges, showcase innovative methodologies and case studies from Argentina and beyond, inspire early-career geoscientists through mentorship and professional development opportunities, and strengthen ties between research and practice to advance sustainable infrastructure solutions.

Please visit <https://congreso2025.asagai.org.ar/> for the detailed information, and contact [congreso2025@gmail.com](mailto:congreso2025@gmail.com) for anything unclear.

### **\*\*BANGLADESH\*\***

On August 6, 2025, the

Bangladesh National Group (BNG) had a collaborative meeting with YEG and WEG of BNG at Department of Geological Sciences, Jahangirnagar University. Two distinguished geoscientists participated in the meeting.

- Dr. Ranjan Kumar Dahal, President of NSEG, Vice President of IAEG Asia, Joint Convener of ARC-15, and Associate Professor at Tribhuvan University, Nepal
- Dr. Manita Timilsina, Founding Treasurer of NSEG and Coordinator (Conference Secretariat) of ARC-15

The program began with a warm welcome by Dr. Hasan Imam, followed by Sihah Ahmed's introduction highlighting the remarkable achievements of the guests. Dr. Manita and Dr. Dahal shared their insights on the current progress and vision



of ARC-15, inspiring all those presented.

MD Shafiqul Islam Sany, General Secretary of IAEG\_YEG\_JU, and Dr. Mahmuda Khatun Ma'am (WEG-JU) shared their thoughts on youth and women's engagement in geoscience and delivered a welcoming speech for the distinguished guests.

Prof. Dr. Atm Shakhawat Hossain Sir enlightened the audience with his speech

and presentation on IAEG Bangladesh's contributions.

Dr. Dahal also delivered a brief technical session on geohazards and the ARC-15 framework.

A vote of thanks was given by Dr. H. M. Sayem sir, honorable chairman of the Department of Geological Sciences, Jahangirnagar University.

The post-lunch session featured an open discussion where IAEG\_YEG\_JU members

and guests exchanged ideas on enhancing collaboration, fundraising strategies, and joint initiatives leading up to ARC-15.

The planning for the post-ARC field excursion in Bangladesh was presented by Dr. Hasan Imam Sir, while YEG activities and the engineering aspects of Bangladesh were presented by Mr. Asmaul Miad.



Presentation delivered by Dr. Ranjan Kumar Dahal Prof, Dr. Atm Shakhawat Hossain



Participants at the Meeting



Group Photo of the Attendees at the Meeting



## **\*\*BRAZIL\*\***

Last week, the Brazilian IAEG National Group – ABGE successfully held its 18th Brazilian Congress on Engineering Geology and the Environment. The following text is proposed for publication in the next E-Connector.

Today, planet Earth is home to more than 8.2 billion people, twice as many as 50 years ago. In Brazil, there are nearly 213 million inhabitants, with over 90% living in urban areas. This underscores the importance of the central theme of the XVIII Brazilian Congress of Engineering and Environmental Geology (XVIII CBGE): “Extreme Events and their

Repercussions on Engineering and Environmental Geology.”

The event was held from August 17th to 21st and featured conferences, lectures, roundtable discussions, field visits, technical courses, and technical article presentations in the Ágora Space—an environment designed to foster the dynamic exchange of ideas and the development of new concepts. As always, the coffee breaks provided a perfect opportunity for reunions and new connections.

Above all, the congress brought together geoscientists and geotechnical professionals of all ages, from various regions of Brazil and other Brazilian technical associations. The

XVIII CBGE recorded the highest number of participants in its history, making it a notable success.



Photos from 18th Brazilian Congress on Engineering Geology and the Environment



Group Photo of Field Visits



Group Photo of the Participants at the 18th Brazilian Congress on Engineering Geology and the Environment



## **\*\*CANADA\*\***

### **Engineering Geology Without Borders: Dr. Paul Marinos and His Canadian Connection**

*By Nicholas Vlachopoulos*

Dr. Paul G. Marinos was a figure whose influence reached far beyond the borders of his native country of Greece. A renowned geologist and engineering geologist, he built a legacy rooted in excellence, mentorship, and international collaboration. Among his many professional relationships, his connection to Canada stands out. It was shaped through

shared research, teaching, and a genuine commitment to advancing the fields of and engineering geology and rock mechanics

Dr. Marinos was a professor of engineering geology whose name became synonymous with the development and application of practical geotechnical methods to complex geological problems. His work on hydropower dams in Greece brought him into collaboration with the late Victor Milligan of Golder Associates. Victor Milligan, a Canadian geotechnical

luminary whose professional archives are housed at Queen's University in Kingston, Ontario, partnered with Paul Marinos on several major infrastructure projects in Greece. Together, they tackled issues of slope stability, foundation design, and geological risk for some of the country's most ambitious dam and tunnel projects. These projects, often involving flysch and other challenging rock masses, became case studies in how rigorous geology could inform safe, economical engineering design.



Dr. Nicholas Vlachopoulos, Dr. Paul Marinos, Dr. Evert Hoek, Dr. Mark Diederichs and Dr. Giovanni Grasselli at Victor Milligan's celebration of life, 2009.

A pivotal contribution to international rock engineering came from Marinos's work with Dr. Evert Hoek, a giant in Canadian rock mechanics and founder of Rocscience. Together, they refined and expanded the Geological Strength Index (GSI), a system now fundamental in the classification of rock masses for tunnelling and slope design. Dr. Marinos's field experience in Greek rock formations, particularly in highly weathered and heterogeneous materials, gave the GSI depth, nuance, and

applicability that resonated with practicing engineers around the world. Their collaboration marked a cornerstone in the development of practical tools for geotechnical engineers. These tools originated, in part, from distinctly Canadian and Hellenic perspectives.

The bridge between Greece and Canada was further reinforced through Dr. Marinos's academic and research collaborations with Dr. Mark Diederichs of Queen's University. These joint efforts included

characterization of weak rock masses, field campaigns, and cross-institutional knowledge transfer. The partnership was not only technical, it was also deeply educational. Dr. Marinos was passionate about sharing real-world experience with students. His mentorship extended to Canadian graduate students through technical tours of Greek engineering works, many of which he had been involved in designing. One of those students was myself, and I had the great privilege of learning from him directly both in the classroom and on rugged hillsides overlooking large-scale underground geotechnical works.

My own collaboration with Dr. Marinos deepened further as we co-authored work on the Driskos Tunnel, part of the Egnatia Highway in northern Greece. This project exemplified his ability to seamlessly balance theoretical engineering geology models with the practical requirements of optimized tunnel support. Our joint effort focused on integrating geotechnical risk with constructability, resulting in a tunnel design that responded to the complexities of flysch with innovative support strategies. Working alongside him, Dr Diederichs and Dr. Vassilis Marinos on this publication and project remains one of the most formative professional experiences of my career. His clarity of vision, structured thinking, and deep respect for geology as both a science and a practical tool



Dr. Paul Marinos on-site with Graduate Students from RMC and Queen's Universities.



left an indelible mark on all involved.

Dr. Marinos's was also the CGS Cross-Canada Lecturer in 2005. In 2010 he presented at the Kingston CGS Section, deviating northward to Canada as part of his year long US Richard H. Jahns Distinguished Lecturer Tour. His lecture captivated Canadian students and professionals alike, seamlessly blending theory with practical insight. It was a homecoming of sorts, a moment where his Canadian ties were strengthened and celebrated by the very community he had influenced for decades.

His generosity with time and knowledge, his humility, and his precision left a lasting impression on every student he encountered. He not only taught us how to map, characterize, and classify rock, but also how to observe, think critically, and carry our profession forward with integrity.

Dr. Paul Marinos is no longer with us. He passed away in 2021. However, his legacy lives in the slopes we stabilize, the tunnels we drive, and the generations of engineers he mentored. His connection to Canada, through Victor Milligan, Dr. Evert Hoek, Dr. Mark Diederichs, Queen's University, the Royal Military College of Canada to the CGS and others is a testament to the power of collaboration across borders. For those of us who had the honour of learning from him, he was not only a scholar but a mentor, a guide, and a friend. He is sorely missed...

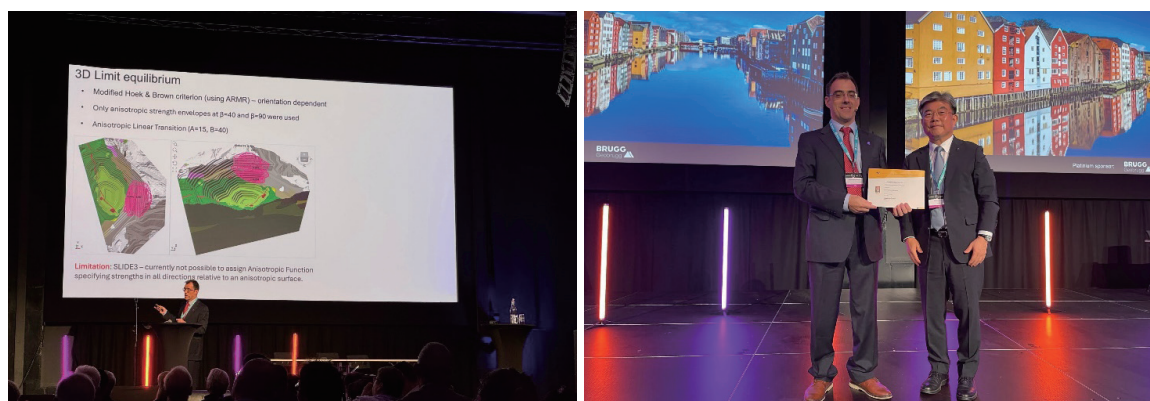
### **\*\*GREECE\*\***

Dr. Haris Saraglou was awarded the Franklin Lecture Award by the International Society for Rock Mechanics and Rock Engineering (ISRM) during the opening ceremony of EUROCK 2025 Conference in Trondheim, Norway. The topic

of the lecture was "Engineering in Anisotropic Rock Masses" and a paper version will be published in the next ISRM News Journal and on the ISRM award website <https://lnkd.in/dMNCzXPJ>.

The Award was established by the ISRM Council in memory of Prof. John Franklin, former President of ISRM to recognize a mid-career ISRM member, who has made significant contributions to a specific area of Rock Mechanics and/or Rock Engineering.

Dr. Saraglou expressed his gratitude to the ISRM Board for their support, as well as to HSSMGE Greece for endorsing his nomination. He acknowledged the mentors who inspired his early career in the UK, his academic and industry collaborators, and his students across various institutions. He dedicated this achievement to his family for their unwavering support throughout his career.



(Left): Dr. Haris Saraglou, delivering the Franklin Lecture during the EUROCK 2025 conference in Trondheim Norway.

### **\*\*NEPAL\*\***

Ms. Anjila Babu Malla from NSEG - WEG Coordinator and IAEG WEG Committee Member, gave a wonderful presentation in Tokyo during

a program hosted by the Japan Society of Engineering Geology (JSEG).

She presented on behalf of both the Women in Engineering Geology (WEG) and Young

Engineering Geologists (YEG) Committees of IAEG, showcasing how NSEG are working together globally for equity, inclusion, and empowerment in our

profession.

Congratulations, Anjila, for being such an inspiring voice

for Nepal and the IAEG community. This is indeed a valuable contribution toward

helping IAEG achieve its strategic goals.



Photo: Delivering lecture at Japan Society of Engineering Geology, Tokyo, Japan.

## **\*\*NEW ZEALAND\*\***

The IAEG New Zealand National Group is pleased to announce its support for the upcoming *Landslide Geo-Education & Risk (LaGER 2026) workshop*. This event will take place in Queenstown, New Zealand from **27 April to 1 May 2026**.

The workshop is organized by the New Zealand Geotechnical Society and brings together two international committees (JTC 1 and JTC 3) to work on landslide risk management. Experts from around the world will share knowledge and develop practical guidelines.

The workshop will focus on landslide risk assessment, education, and communication through training sessions, field trips, and discussions about new technologies, while enabling participants to contribute to updating international landslide guidelines and developing

educational materials for schools through special sessions.

Important dates include **abstract submissions opening in June 2025, registration beginning in August 2025, with early sponsorship opportunities currently available.**

This event is a good chance for IAEG members to connect with other professionals and contribute to important work in landslide risk management.

Please refer to <https://landsliderisk.nz/sponsorship-exhibition/> for more information.

## **\*\*JAPAN\*\***

### **1. IAEG Executive Committee Midyear Meeting Report**

The IAEG Executive Committee Midyear Meeting was held in Delft, Netherlands.

on May 23. During this



meeting, Professor Osada from Saitama University provided an update on the preparations for the upcoming 16th Asian Regional Conference (ARC 16), scheduled to take place in 2027.

The Japan Society of Engineering Geology (JSEG) is excited to engage with the IAEG board members regarding the potential hosting of the Asian Regional Conference in 2027. The ARC was first held in Japan in 1997 and has since taken place in various Asian



countries, with the upcoming 15th conference scheduled for Kathmandu, Nepal, in 2025. Japan previously hosted the 1st (1997) and 10th (2015) ARCs. The conference has played a vital role in fostering exchanges among researchers in the Asian region and globally.

As we enter the third round of the ARC, JSEG aims to further promote international research and facilitate mutual understanding and the exchange of ideas, knowledge, and experiences among engineering geologists through this conference.

In the Asian region, rapid economic development has led to a significant increase in social assets, while international climate change has caused frequent disasters, including typhoons, storm surges, and landslides. The 2024 Noto Peninsula Earthquake demonstrated a compound disaster scenario, where a prolonged recovery process was exacerbated by extreme precipitation in the affected areas. The frequency and complexity of such disasters necessitate deeper research and greater international collaboration in the future. Therefore, we envision ARC 16 as a platform to promote further international research and personnel exchange.

#### **ARC-16@Japan Preparation Status**

- **Date:** November 24-26, 2027 (In planning)
- **Location:** Izumisano (Osaka)

- **Venue:** Ebuno Izumino-Mori Hall (Izumisano City Cultural Center)

#### **Major Theme (in planning):**

- **October 9, 2024:** Approval for ARC16 to be held in Japan (IAEG General Assembly)
- **January 21, 2025:** Appointment of the chairperson of the ARC16 Executive Committee
- **February 19, 2025:** Appointment of the ARC16 Executive Committee
- **March 27, 2025:** 1st Executive Committee meeting to consider the host city and timing of ARC16
- **April 23, 2025:** 2nd Executive Committee meeting to determine the host city and venue
  - ◇ 24-26 November 2027 @ Izumisano (Osaka)

#### **Proposal for the 16th Asian Regional Conference of IAEG in 2027**

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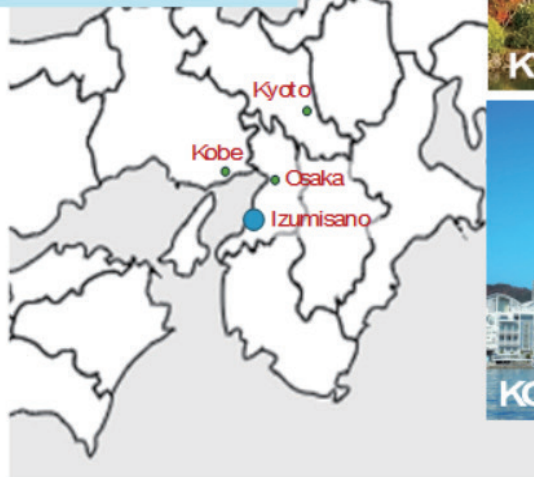
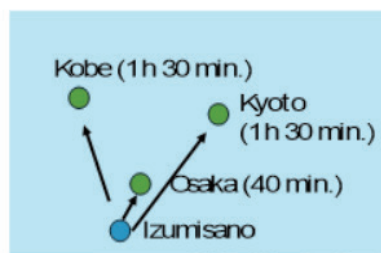
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The conference will be held in Izumisano City, located in southern Osaka. The city is conveniently situated near Kansai International Airport, one of Japan's primary gateways to the world. Izumisano offers an excellent transportation network, as

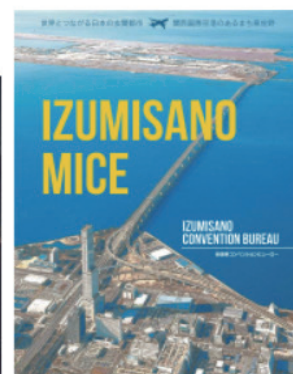
well as rich history, culture,  
and nature. We believe that

participants will have the  
opportunity to fully enjoy their

experience in Japan.



Location of Isumisano City



Introduction of Isumisano City



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## 2. Regular General Meeting and Symposium of the Japan Society of Engineering Geology (JSEG) 2025

### Theme: “Considering Complex Disasters”

The Regular General Meeting and Symposium of the Japan Society of Engineering Geology was successfully held on June 13, 2025, at the Tokyo University, Kashiwa Campus. The theme of this year’s symposium was “Considering Complex Disasters,” which aimed to address the challenges posed by disasters that occur in succession, particularly in light of the record rainfall and landslide damage following the Noto Peninsula earthquake in 2024. The symposium attracted a total of 148 participants.

In-person attendees: 88

Web participants: 60.

The symposium commenced at 1:00 PM with an introductory session led by Naoko Kitada, Vice President and Head of the JSEG Research and Education Division. She emphasized the significance of understanding complex disasters and the need for proactive disaster management strategies.

The symposium provided a vital platform for discussing the complexities of disasters and enhancing our understanding of integrated disaster risk management. The participation and insights shared by attendees will significantly contribute to advancing the field of engineering geology.

### Program Highlights

- 1) Introduction (1:00 PM - 1:30 PM)

Dr. Naoko Kitada presented a comprehensive overview of complex events observed in past disasters, setting the stage for the discussions to follow.

- 2) Special Lecture (1:30 PM - 2:30 PM)

Dr. Yoshiyuki Kaneda from Kagawa University delivered an insightful lecture on “Future Measures and Challenges for Complex Disaster Management.” He discussed innovative approaches to managing complex disaster scenarios and the importance of interdisciplinary collaboration.

- 3) Presentation 1 (2:45 PM - 3:15 PM)

A team of researchers, including Hidetaka Dr. Inagaki, Tomohiro Nishimura, Dr. Masato Sato, and Dr. Hiroyuki Shimomura, provided a detailed analysis of the “Complex Disasters from the Noto Peninsula Earthquake and Heavy Rainfall.” Their findings highlighted the interplay between geological events and subsequent disasters.

- 4) Presentation 2 (3:15 PM - 3:45 PM)

Dr. Takashi Iguchi and Dr. Masashi Ueno presented on “Complex Disasters during Earthquakes, Including the Great Kanto Earthquake.” They explored historical case studies and their relevance to current disaster management practices.

- 5) Presentation 3 (3:45 PM - 4:15 PM)

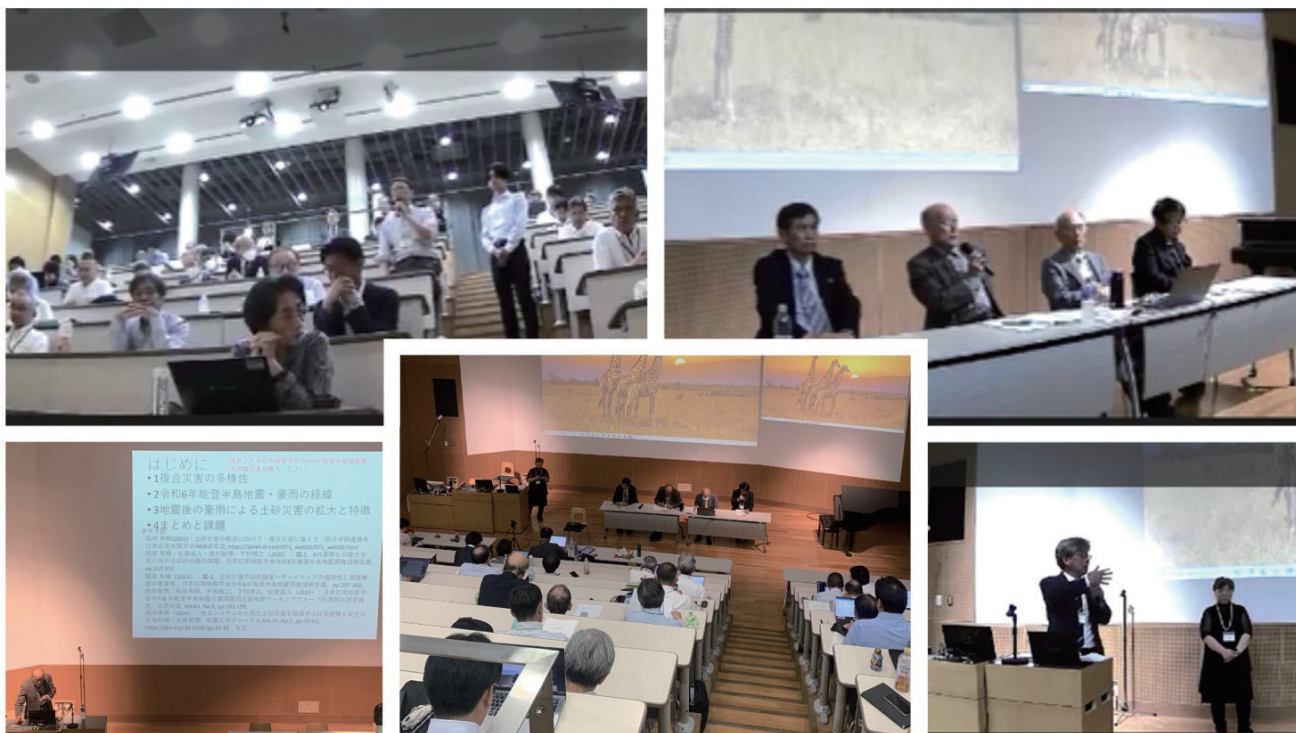
Dr. Tatsuhiro Chiba discussed “Complex Disasters Related to Volcanic Eruptions,” shedding light on the geological factors that contribute to such disasters and the necessary preparedness measures.

- 6) General Discussion (4:25 PM - 5:25 PM)

An engaging general discussion followed, titled “Living Beyond Complex Disasters...” Participants shared their insights and experiences, fostering a collaborative environment for future disaster management strategies.

- 7) Closing Remarks (5:25 PM - 5:30 PM)

The symposium concluded with closing remarks, summarizing the key takeaways and expressing gratitude to all presenters and participants for their valuable contributions.



### 3. A seminar by Dr. Ranjan Kumar Dahal

Dr. Ranjan Kumar Dahal (IAEG Vice-president for Asia) and Dr. Anjila Babu Malla (IAEG WEG Committee Member) visited JSEG on June 16, 2025.

Dr. Ranjan and Dr. Anjila give us presentations below.

- 1) Ranjan Kumar Dahal (IAEG Vice-president for Asia) :

#### ***Disaster Risk Communications And Role of Engineering Geologists in Developing Countries***

Dr. Ranjan Kumar Dahal emphasized the importance of effective communication strategies in disaster risk management, particularly in developing countries. He outlined the essential role that engineering geologists

play in assessing geological hazards and disseminating vital information to local communities.

- 2) Anjila Babu Malla (IAEG WEG Committee Member) :

#### ***Woman in Engineering Geology (WEG) Initiatives in IAEG and Possible support from JSEG***

The seminar provided a valuable platform for sharing insights and fostering discussions on critical issues related to disaster risk management and the promotion of gender equality in engineering geology.

The seminar was a significant step towards building a collaborative framework for addressing disaster risks and promoting inclusivity in engineering geology. We thank

Dr. Ranjan Kumar Dahal and Dr. Anjila Babu Malla for their insightful presentations and commitment to these critical issues. We look forward to the fruitful outcomes of our collaboration in the near future.

The next day, Professor Ranjan and Dr. Anjila visited Izumisano City, guided by Dr. Kitada, Vice President of JSEG. They expressed high expectations that ARC 16 will play a significant role in enhancing knowledge sharing and strengthening professional networks among engineering geologists in Asia. The insights gained from both the seminar and the site visit will undoubtedly contribute to the successful planning and execution of ARC 16, laying the groundwork for meaningful discussions in the fields of disaster management and gender inclusion.





Dr. Ronjan Kumar Dahal and Dr. Anjila Babu Malla Delivering lecture at Japan Society of Engineering Geology, ToKyoJapan.

## **\*\*PAKISTAN\*\*** **YEG Pakistan** **Participates in** **International** **Conference on** **Geological Hazards in** **Pakistan on May 27-28,** **2025**

YEG Pakistan actively participated in the International Conference on Geological Hazards in Pakistan. The event was organized by the Geological Survey of Pakistan and featured collaboration between local and international experts.

Dr. Zeshan, representing YEG Pakistan, presented a research poster titled *Landslides in Complex Geological Formation: A Geohazards Review of Kohala Muzaffarabad Road AJK, Muzaffarabad*.

Dr. Zeshan expressed gratitude to Dr. Sohail Akram for his professional support and acknowledged his parent department, the



Dr. Zeshan and Dr. Sohail Akram Participates in Intemational Conference on Geological Hazards in Pakistan

Department of Earth Sciences, University of Sargodha, for their encouragement. He also thanked Dr. Yasir from AJK University, Muzaffarabad, for his efforts in promoting Engineering Geology in Pakistan.

The conference highlighted the importance of collaborative research and sustainable solutions to geological hazards. YEG Pakistan remains committed to advancing knowledge and expertise in engineering geology.

## 8.

# NEWS OF COMMISSIONS

### COMMISSION 24

#### Academic Activities

On June 21, 2025, A team of experts dispatched by UNESCO, including geological specialists Carlos Neto de Carvalho, Coordinator of the Natutgeo World Geopark Scientific Committee in Portugal, and Chen Bai Niyun, Coordinator of the Vietnam Dak Nong Global Geopark, carried out the routine four-year on-site reassessment of Huanggang Dabieshan Global Geopark (Macheng area). This educational base integrates popular science, research-based learning, and tourism. Associate Prof. Mingdong Zang from Commission C24 led the expert team in delivering on-site explanations, providing strong support for the successful reassessment and acceptance of the geopark.

Several Members of C24 Participated in the 2nd Wang Sijing Lecture and 4th Shaoxing International Symposium on Rock Mechanics and Engineering Geology. Held in Shaoxing, this event featured in-depth exchanges on neotectonics and geohazard topics with internationally renowned scholars including Nick Barton, Ranjith Pathegama Gamage, Rafiq Azzam, and Harry Saroglou. Members of Commission C24 actively engaged in



UNESCO Experts Inspecting The Geological Science Popularization Base

discussions, fostering academic collaboration and advancing research in related fields.

### COMMISSION 25

#### Engineering Geological Models Workshops Announced for 2025 – generously supported by Seequent

The IAEG Commission C25, under the leadership of Fred Baynes, Steve Parry and Mark Eggers is pleased to announce three upcoming international workshops on advancing engineering geological models best practice. These workshops will provide practical guidance and promote best practices in engineering geological model development, in line with the Commission's ongoing efforts to support and standardize approaches across the profession.

The workshops are made



The 2nd Wang Sijing Lecture & 4th Shaoxing International Symposium on Rock Mechanics and Engineering Geology



possible through the generous support of Seequent, the Bentley Subsurface Company and a global leader in geoscience and geotechnical analysis, modelling, and collaborative technologies. Seequent's support underscores a shared commitment with the IAEG to innovation, professional development, and the advancement of engineering geology, globally.

The workshops will be held in conjunction with the following IAEG regional conferences:

- Windhoek, Namibia  
– African Regional Conference – 8 September  
<https://afrc2025.co.za>
- Kathmandu, Nepal – 15th Asian Regional Conference – 26 November  
<https://arc15.nseg.org.np>
- Delhi, India – Engineering Geology Congress 2025 – 30 November  
<https://www.egcon2025.com>

Participants will have the opportunity to engage with

global experts, explore real-world applications, and strengthen their understanding of geological modelling in engineering contexts.

For more information about the C25 Commission and its initiatives, visit <https://iaeg.info>.

## COMMISSION 28

### The High-Level Seminar on The Research Frontier of Major Geological Disasters in The South China Sea

The high-level seminar on the research frontier of major geological disasters in the South China Sea was held in Qingdao, China, on February 9-10, 2025. The seminar was sponsored by the Marine Geological Disaster Prevention and Control Branch of the Chinese Society for Rock Mechanics and Engineering and the Engineering Geology Committee of the Geological Society of China. It was undertaken by the Key Laboratory of Marine Environmental Geology and Engineering of Shandong Province at Ocean University of China and co-organized by the Marine Geological Process and

Environment Laboratory of the Qingdao Marine Science and Technology Center and Qingdao Genesci Marine Environment Engineering Technology Co., Ltd. A total of 111 experts from 46 organizations attended the symposium.

At the opening ceremony, Professor Xiaolei Liu, Secretary-General of C34, gave a special report, presenting results from the southeast Qiong basin seafloor geological disaster risk response consultation project led by Academician Jianbing Peng. After the seminar, Professor Liu, as executive secretary, showed experts around labs and facilities such as the Laoshan Laboratory and the “Dongfanghong 3” research vessel. The conference successfully created a high-level platform for academic exchange on major geological disaster research and prevention in the South China Sea. It achieved consensus on marine geological disaster research, talent cultivation, and international cooperation, laying a solid foundation for future collaboration to boost research, prevention, and academic influence in this field.

南海重大地质灾害研究前沿高端研讨会暨自然灾害治理体系建设研讨会（双清论坛预备会）  
2025年2月8日-10日 中国·青岛



Seminar Participants

## 9. 2025 MEMBERSHIP UPDATE

By June 30, 2025 the number of IAEG memberships is 6549 from 72 national/regional groups.

VP	No.	NG	total	Associate members
Anthony Bowden	1	Australia	561	
	2	New Zealand	815	
Janusz Wasowski	3	Albania		
	4	Austria		
	5	Bulgaria	10	
	6	Croatia	29	
	7	Cyprus		
	8	France	103	
	9	Georgia	14	
	10	Greece	84	
	11	Hungary		
	12	Italy	131	
	13	Portugal	63	
	14	Romania	21	
	15	Serbia		
	16	Slovenia		
	17	Spain	19	
	18	Switzerland	61	
	19	Turkey	131	
Helen Reeves	20	Belorussia	8	
	21	Netherlands	37	
	22	Lithuania	18	
	23	The United Kingdom	297	
	24	Belgium	60	
	25	Czech Republic	32	
	26	Denmark		
	27	Estonia		
	28	Finland		
	29	Germany	440	
	30	Iceland		
	31	Ireland		
	32	Norway		



VP	No.	NG	total	Associate members
Helen Reeves	33	Poland	30	
	34	Russia	89	
	35	Slovak Republic	10	
	36	Sweden	48	
	37	Uzbekistan		
Moshood N. TIJANI	38	Algeria	5	
	39	Nigeria	100	
	40	South Africa	171	
	41	Morocco	7	1
Julien Cohen-Waeber	42	Canada	96	
	43	USA	224	
Francisco de Jorge	44	Argentina	24	
	45	Bolivia	18	
	46	Brazil	516	
	47	Chile	65	
	48	Colombia	9	
	49	Costa Rica	19	
	50	Mexico	17	
	51	Paraguay	40	
	52	Peru	44	
Ranjan Kumar Dahal & Shengwen Qi	53	Bangladesh	72	
	54	Bhutan	21	
	55	China	833	
	56	Chinese Taipei	97	
	57	Cambodia	22	
	58	HongKong	9	
	59	India	121	
	60	Indonesia		
	61	Iran		
	62	Iraq		
	63	Japan	80	6
	64	Korea	19	
	65	Malaysia	23	
	66	Mongolia	27	
	67	Myanmar		
	68	Nepal (NGS)		
		Nepal (NSEG)	534	
	69	Pakistan	55	
	70	Singapore	130	
	71	SEAGS	3	
	72	Vietnam	31	
Individual Member			5	
Associate Member			2	
Total			6549	7

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# 10. IAEG CONGRESS

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## ENGINEERING GEOLOGY IN A RAPIDLY CHANGING WORLD



## XV IAEG 2026 WORLD CONGRESS

30 Oct - 6 Nov 2026 | Delft, The Netherlands

Cutting-edge research

Best practices

Real-world impact

» [www.IAEG2026.org](http://www.IAEG2026.org)

- Keynote speakers
- Special sessions
- Tour of Geolabs in & around Delft
- Exhibition & social events





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## Congress themes in detail

The **IAEG 2026 World Congress** will bring together groundbreaking ideas and expertise, from every continent and every corner of engineering geology. Dive into the congress themes that will shape our future.

### Overarching Topics

Climate Change  
Mitigation &  
Adaptation



&



Sustainable  
Global  
Development

### 1. Innovation in Ground Modelling



From Site Investigation to Ground Models.

Showcase of new Engineering Geology tools for (sub)surface investigation and modelling. Emphasis on new technology for geotechnical property determination, 3D modelling, and in situ monitoring. Special attention to challenging environments: offshore, onshore, cities, nature reserves, mountains and outer space.

### 2. Low Lying, Coastal, Soft Soil Countries

Engineering Geology for a future in densely populated low lying, coastal, deltaic, and soft soil countries. Priority on subsidence, coastal erosion, and flood protection, including water management.



### 3. Geohazards



Engineering Geology and managing natural and man-made geohazards through identification, monitoring, modelling, prevention, mitigation, and adaptation. Focus on landslides, earthquakes, volcanoes, tsunamis, karst subsidence, droughts, erosion, and flooding. Special attention to cascading multi-hazards.

### 4. Engineering Geology in the Energy Transition

Role of Engineering Geology in CO<sub>2</sub> sequestration, energy storage, geothermal energy, wind energy, hydropower, and nuclear energy.





## 5. Use of the (sub)surface

Emphasis on successes, failures, and forensic analyses in geotechnical engineering. Special attention to challenging environments and prestigious projects.

Engineering Geology focus on mining ores, rare earths and aggregates, induced geohazards, (post)mining risk management, resilient infrastructure, dredging and compensation for nature, building-with nature and smart bio-geomaterials.

## 6. Environmental Engineering

Engineering Geology for a virtuous clean water cycle and circularity in waste management. Focus areas include landfills, tailings dams, desalination, contaminant transport and treatment, innovative microplastic removal techniques, and sludge recycling.



## 7. Engineering Geology for preservation of heritage

Highlight of Engineering Geology techniques for the characterization and preservation of geological, archaeological and industrial sites combined with policy and management. Special attention to building stones and ancient mines.

## 8. EG in the Digital transition and AI revolution

Focus on 3D geo-mapping, learning from big data sets, Artificial Intelligence, and Virtual and Augmented Reality in Engineering Geology.



## 9. Boosting Engineering Geology

Added value of Engineering Geology. The **B**ulletin of **E**ngineering **G**eology and the **E**nvironment: past, present, future. Innovations in Education and training in Engineering Geology. The **Y**oung **E**ngineering **G**eology group and **W**omen in **E**ngineering **G**eology.

### A final, key point

The congress will showcase engineering geology across all environments, covering soil and rock conditions from shallow to great depths. Traditional topics in engineering geology remain a vital part of the program and are warmly welcomed. At the same time, we especially encourage contributions that highlight sustainability, with a focus on climate change mitigation and adaptation. Case studies illustrating practical applications are also strongly encouraged.

*We appreciate your suggestions. Please share them with us at [info@iaeg2026.org](mailto:info@iaeg2026.org).*



## High visibility for your work

All accepted abstracts will be published in the open-access *IAEG 2026 - Book of Abstracts*

Optional Extended Abstracts and Full Manuscripts will be:

- indexed in SCOPUS with individual DOI numbers and
- published free of charge in the open-access *IAEG 2026 Congress Proceedings*.



Scopus®



## Important dates

- 01 Feb 2025 ● Call for Abstracts
- 01 July 2025 ● Abstract Submission Deadline**
- 15 July 2025 ● Notification of Abstract Acceptance
- 01 Sep 2025 ● Abstract Re-submission Deadline**
- 15 Oct 2025 ● Notification of presentation acceptance
- 01 Nov 2025 ● Call for Optional Manuscripts (Full papers or Extended Abstracts)
- 01 Feb 2026 ● Manuscript Submission Deadline & Registration opening**
- 01 May 2026 ● Review comments to authors
- 01 July 2026 ● Manuscript Re-submission Deadline**
- 15 July 2026 ● Notification of presentation acceptance
- 01 Sep 2026 ● Congress Speaker Registration due**
- 01 Nov 2026 ● Publication of Book of Abstracts and Congress Proceedings

**Join the IAEG 2026 congress and let us build solutions for a better tomorrow.**



### Scientific committee

Leon van Paassen, chair

Denise Maljers, co-chair

Dominique Ngan-Tillard, co-chair

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# 11.

## REGIONAL CONFERENCES

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The 4th African Regional Conference of IAEG in Windhoek, Namibia on September 8-16, 2025



### 4<sup>th</sup> AFRICAN REGIONAL IAEG CONFERENCE

**CREATING A SAFE FUTURE**

**6 – 10 SEP 2025**

- 6 - 7 Sep: IAEG Official Meetings
- 8 - 10 Sep: Conference
- 11 - 16 Sep: Field trips

**WINDHOEK COUNTRY  
CLUB RESORT, NAMIBIA**

For more information:

[www.afrc2025.co.za](http://www.afrc2025.co.za)  
[secretariat@saieg.co.za](mailto:secretariat@saieg.co.za)  
+27 (0) 82 323 3910







# The 15th Asian Regional Conference of IAEG in Kathmandu, Nepal on November 27-29, 2025



## Conference Information

Website: <https://arc15.nseg.org.np/>; Email: [arc15ktm@gmail.com](mailto:arc15ktm@gmail.com); Tel: +9779851060464

Abstract Submit: <https://ajeg.nseg.org.np/index.php/ajeg/arc15abstract>

Template: <https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fnseg.org.np%2FajegTEM.docx&wdOrigin=BROWSELINK>

Register: <https://arc15.nseg.org.np/registration/>

Conference Venue: Hyatt Regency Hotel



Hotel Booking: visit <https://arc15.nseg.org.np/conference-accommodations/> for direct booking

Please refer to <https://www.dropbox.com/scl/fi/hp7enfddp36pgj6jyr8h3/ARC-15-2nd-Circular.pdf?rlkey=7cgaf06k717xi595il3qn771t&st=klf177ijo&dl=0> for the 2<sup>nd</sup> Circular of ARC-15.

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# 12.

## MEETING INFORMATION

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18°CBGE Brazilian Congress of Engineering Geology and the Environment on August 17-21, 2025 in Brazil

COMMERCIAL PROJECT

**18°CBGE**  
Brazilian Congress of  
Engineering Geology  
and Environmental

17 to 21  
August · 2025  
Minašcentro Belo Horizonte - MG

Extreme Events  
and its impact on  
Engineering Geology  
and Environmental

[www.abge.org.br/18cbge](http://www.abge.org.br/18cbge)

Please refer to <https://iaeg.info/event/18cbge-brazilian-congress-of-engineering-geology-and-the-environment/> for the 1st circular of the meeting.



# The 10<sup>th</sup> NAEGE Annual International Conference & Exhibition from September 14 to 19, 2025 in Lagos, Nigeria



**NAEGE**  
Annual International  
CONFERENCE  
& Exhibition

14 - 19  
**SEPT.**  
2025

Theme  
Resilience Geotechnics for Sustainable  
Development: Emerging Trends and  
Technologies



**Call For Abstracts** **EKO2025**

*Subthemes:*

1. Environmental Geotechnics for Sustainable Waste Management and urban Development.
2. The Role of Engineering Geology in preventing Building collapse.
3. Solutions to Problematic soils and Geohazards for Climate Resilient Infrastructure.
4. Innovative Technologies for Site Characterisation and Contaminated Land Remediation.
5. AI and Computational Advances in Ground Investigations and Predictive Modelling.

All Abstracts are to be submitted to the Technical Sub-committee in MS Word format (250 word max.)  
**Prof. Sam Olobaniyi (Chairman Technical Sub-committee)**  
+2348023529637 | Email: [abstracts@naege.org](mailto:abstracts@naege.org)  
Deadline for submission of Abstracts is 30th June, 2025

**RSVP**

University of Lagos

HOST:

Dr. Wale O. Adenle  
(National President)  
+2348023529637

Prince (Dr.) Obiagbe Lufadeju  
(LOC Chairman)  
+2348055551255

Dr. Oluwafemi Adegun  
(LOC Secretary)  
+2349093611881

Engr. Pauline Uju  
(LOC Publicity/Media)  
+2348043984527

Mr. Daji Tella  
(LOC Fundraising)  
+2348043923236



**NAEGE**  
Annual International  
CONFERENCE  
& Exhibition

14 - 19  
**SEPT.**  
2025

Theme  
Resilience Geotechnics for Sustainable  
Development: Emerging Trends and  
Technologies



**Registration Information** **EKO2025**

**Early Bird**  
Ends by 30th, June 2025

Fellows: N40,000  
Corporate Members: N30,000  
Students: N15,000  
Non-Members: N40,000  
Institutional: N150,000  
International Delegates: \$150

**Late Reg. - Onsite**  
July 1st to Sept. 14th

Fellows: N50,000  
Corporate Members: N40,000  
Students: N15,000  
Non-Members: N50,000  
Institutional: N150,000  
International Delegates: \$200



Account name:  
NIGERIAN ASSOCIATION FOR ENGINEERING GEOLOGY AND THE ENVIRONMENT

Account Number: 1231117549 |  
Bank: Zenith Bank Plc

**RSVP**

University of Lagos

HOST:

Dr. Wale O. Adenle  
(National President)  
+2348023529637

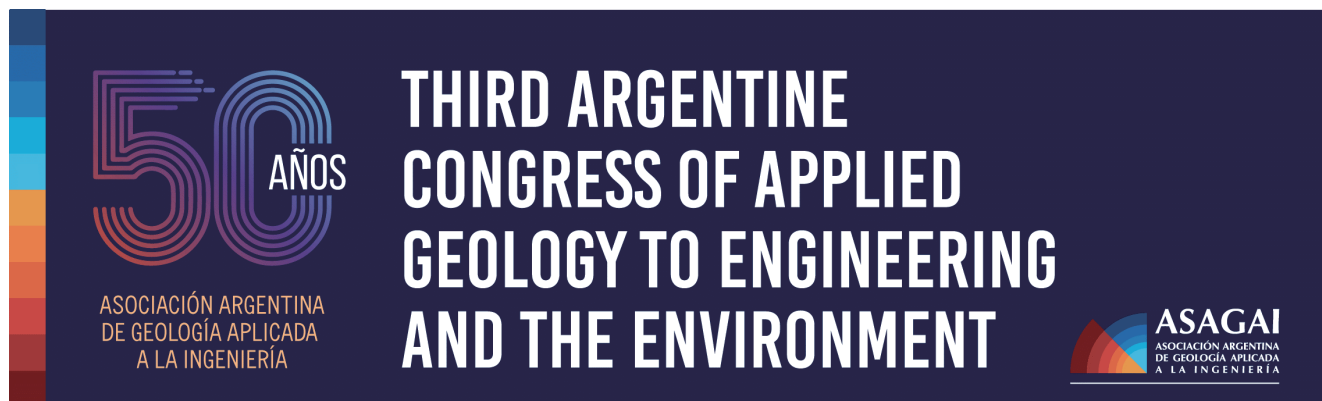
Prince (Dr.) Obiagbe Lufadeju  
(LOC Chairman)  
+2348055551255

Dr. Oluwafemi Adegun  
(LOC Secretary)  
+2349093611881

Engr. Pauline Uju  
(LOC Publicity/Media)  
+2348043984527

Mr. Daji Tella  
(LOC Fundraising)  
+2348043923236

# The 3<sup>rd</sup> Argentina Congress of Applied Geology to Engineering and The Environment on September 24-27, 2025 in Argentina



## Conference Information

Website: <https://congreso2025.asagai.org.ar>; Email: [congreso2025@gmail.com](mailto:congreso2025@gmail.com);

## Objectives of the 3rd Congress on Engineering and Environmental Geology

The 3rd Congress on Engineering and Environmental Geology will bring us together to celebrate the 50th anniversary of the Argentine Association of Engineering Geology (ASAGAI).

With keynote lectures, oral presentations, and poster sessions, the event will foster a stimulating environment to share, discuss, and exchange ideas and recent advances in all areas related to engineering and environmental geology, as well as in related disciplines.

The Congress will take place in a welcoming atmosphere, ideal for both new encounters and long-awaited reunions, where each participant will be part of

this major celebration.

In addition to commemorating this important milestone, the Congress aims to:

- Foster dialogue among professionals, researchers, academics, and students dedicated to engineering and environmental geology, as well as to promote interdisciplinary collaboration with specialists from related themes.
- Encourage the presentation and discussion of innovative research, case studies, and methodologies that contribute to solving real-world challenges.
- Facilitate the exchange of experiences among professionals from different regions and institutions, both national and international.
- Strengthen ties between

academia, industry, and public institutions to address pressing environmental and infrastructural issues.

- Inspire new generations of geoscientists by providing opportunities for training, mentoring, and professional development.
- Celebrating the legacy and future of engineering geology in Argentina within a framework of scientific excellence and institutional commitment.

The Congress will be held in a setting conducive to professional exchange, reflection, and celebration—offering a unique opportunity to recognize shared achievements and envision new paths for the future of applied geology.



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# II ACHIGEO Symposium - Engineering Geology for Resilient Communities on October 15-18, 2025 in Talca, Chile

## II SIMPOSIO

ACHIGEO

Ingeniería Geológica para  
Comunidades Resilientes



Building on the success of its first edition in 2022, the event will bring together over 100 participants from Chile and neighboring countries to discuss key challenges and advancements in engineering geology and related fields.

The Scientific Program will be structured around four Thematic Areas, addressing current and future issues in professional practice. Researchers and practitioners are invited to submit abstracts. While the official language of the symposium is Spanish,

submissions and presentations in English will also be accepted. The deadline for abstracts is **August 10, 2025.**

### Conference Information

Website: <https://simposio2025.achigeo.cl/#> Email: [contacto@achigeo.cl](mailto:contacto@achigeo.cl)

# 2025 Taiwan Rock Engineering and Engineering Geology Symposium on October 16-17, 2025 at National Chung Hsing University

## 2025 Taiwan Rock Engineering and Engineering Geology Symposium

**1st Circular**

**16-17 Oct. 2025, Taichung, Taiwan**  
**Humanities Building, National Chung Hsing University**

### Important Dates

Abstract (1 page) or Full paper (max. 4 pages) submission deadline: 1<sup>st</sup> July  
Registration deadline: 15 August



Organizer:

Department of Civil Engineering, NCHU  
Department of Soil & Water Conservation, NCHU  
Society of Rock Mechanics and Engineering Geology located in Taipei

<https://sites.google.com/view/geo2025/>

Contact: [tseg999@gmail.com](mailto:tseg999@gmail.com)



### Call for Papers Scope and Subtopics

- A. Rock Mechanics: Rock discontinuities, mechanics of rock masses, hydraulic properties, and others.
- B. Rock Engineering: Rock tunnels, rock slopes, foundation engineering, and others.
- C. Engineering Geology: Site investigation, geological resources, geological environment, and others.
- D. Emerging Fields: Geological energy, net-zero emissions and carbon sequestration-related engineering, applications of artificial intelligence, offshore wind turbine foundations, and others.
- E. Geological Hazards: Debris flows, large-scale landslides, soil and water conservation engineering, and others.

### Keynote speech

Professor Ki-Bok Min, Vice-President of ISRM

Chin-Lun Wang, Deputy Director, Agency of Rural Development and Soil and Water Conservation, MOA

Distinguished Professor Keh-Jian Shou, Department of Civil Engineering, NCHU

Dr. Andrew Ka Ching Chan, Deputy Chairman of Arup Group Ltd.

### Organizing Committee

Convener: Professor Keh-Jian Shou, Professor Jui-Ching Chou, Department of Civil Engineering, NCHU

Professor Zheng-Yi Feng, Professor Kuang-Tsung Chang, Professor Ya-Chu Chiu, Department of Soil and Water Conservation, NCHU.

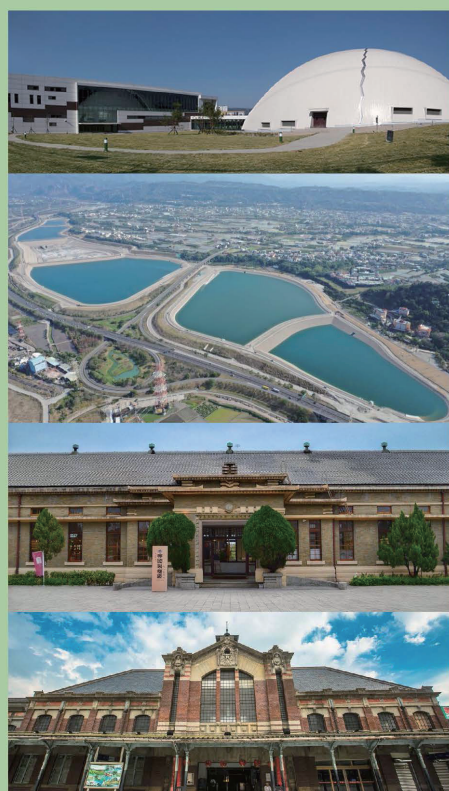
Secretary-General: Professor Yi-Hui Chen, Department of Civil Engineering, NCHU.

Preparatory Committee Members: Tai-Tien Wang, Feng-Ren Wang, Hsi-Hung Lin, Meng-Chia Weng, Che-Ming Yang, Chung-Jung Yu, Fu-Yuan Hsiao, Pei-Chen Jan, Jia-Jyun Dong, Cheng-Yang Yen, Chih-Chung Chung





Oct. 16 2025			
Time	Agenda	Room	Host
08:30-09:00	Registration		
09:00-09:20	Opening Ceremony, Guest of Honor Speech	Room 105	To be determined
09:20-10:10	Keynote I	Room 105	
10:10-10:20	Coffee Break		
10:20-11:10	Keynote II	Room 105	
11:10-12:00	Keynote III	Room 105	
12:00-13:30	Lunch		
13:30-14:20	Keynote IV	Room 105	
14:20-14:30	Coffee Break		
14:30-15:50	Oral presentation (I), Student competition (I), Poster presentation	Room 101, Room 102	
15:50-17:10	Oral presentation (II), Student competition (II), Poster presentation	Room 101, Room 102	
17:10-	Banquet	阿秋肥鵝	
Oct. 17 2025			
09:00-10:20	International session (I), Oral presentation (III), Poster presentation	Room 101, Room 102	To be determined
10:20-11:40	International session (II), Oral presentation (IV), Poster presentation	Room 101, Room 102	
11:40-12:10	Awards Ceremony and Closing Ceremony	Room 105	
13:30-15:30	TSRMEG members' meeting	Room 105	
Oct. 18 2025			
09:00-12:00	Chelungpu Fault Preservation Park	Site tour	
13:30-16:00	鳥嘴潭人工湖	Site tour	



Recommended viewpoints  
 宮原眼科 <https://travel.taichung.gov.tw/ja/attractions/intro/1211>  
 帝國製糖工場台中營業所 <https://travel.taichung.gov.tw/ja/attractions/intro/1596>  
 台鉄台中駅\_旧駅 <https://travel.taichung.gov.tw/ja/attractions/intro/1828>





# New Delhi, India, December 1-3, 2025

EGCON 2025

## EGCON 2025

Flyer • June 2025

### The International Green Conference on Engineering Geology and Geohazards

Hosted by: **Indian Society of Engineering Geology - IAEG India National Group**

**01-03 DECEMBER 2025 | INDIA HABITAT CENTRE, NEW DELHI, INDIA**

### A Fully Biodegradable Conference Experience

Organised by



Indian Society of Engineering Geology  
(IAEG India National Group)

Associates



International Association for Engineering  
Geology and the Environment



Geological  
Survey of India



NHPC Limited



Indian National  
Science Academy



National Institute  
of Rock Mechanics



THDC India  
Limited



Uttarakhand Jal Vidyut  
Nigam Limited



SJVN Ltd.



Institution of  
Engineers (India)

Sponsors

Platinum



Greenko Energies  
Private Limited

Diamond



Adani Green Energy  
Limited

Gold



Spar Geo Infra  
Pvt. Ltd.



HES Infra  
Private Limited



Techfab (India)  
Industries Ltd.



Megaplast India  
Pvt. Ltd.

Silver



Parsan Overseas  
Pvt. Ltd.



Bhawan Academy  
Geologists



Alpcord Network

Event Management

#### Engineering Geologists of the World, Unite —

For the Planet and the Profession!

Preparations for EGCON 2025 are in full swing! Join one of the most eagerly awaited green conferences of the year—where science meets sustainability and knowledge inspires responsible development.

This year's Special Edition celebrating 60 years of ISEG features a dynamic, expanded format:

- 22 Keynotes from global thought leaders
- 4 Spotlight Presentations by emerging voices
- Mid-Conference Plenaries on innovations and global challenges
- IAEG Meetings (YEG/ WEG/ ExCom Special/ Commissions)
- An exclusive Workshop on Engineering Geological Models
- Evening Socials: Ice-Breaker | Presidential Dinner | Cultural Banquet

#### CALL FOR ABSTRACTS & FIELD PHOTOGRAPHS

- Submit Your Abstract
- Showcase your research, case studies, or engineering geological insights
- INR 10,000 awards each for Five Best Papers & Best Posters in the Young Engineering Geologists (YEG) category
- Submission Deadline: 30 June 2025
- Submit online at: [www.egcon2025.com](http://www.egcon2025.com)

#### Enter the Field Photograph Contest

- Capture the raw beauty, complexity, or drama of the geological world
- Winning entries will be displayed on-site and published in a special edition
- INR 10,000 prizes each for top five entries (Open to all)
- Submission Deadline: 30 September 2025

#### Post-Conference Technical Excursions

Experience engineering excellence up close. Book your slot for guided site visits to:

- 1920 MW Gandhi Sagar Pumped Storage Project, Madhya Pradesh
- 2400 MW Tehri Dam Complex, Uttarakhand

#### Why Attend EGCON 2025?

Because EGCON 2025 is more than just a conference —

It's a catalyst for greener practices, a platform for global collaboration, and a step toward building a more resilient Earth. Join us in rethinking and retooling the role of engineering geology to meet the challenges of a rapidly changing world—and to shape a sustainable future.



**Register Now! Early Bird Registration Closes 30 June 2025**

For circulars, abstract templates, contest guidelines, and booking details:

• [www.egcon2025.com](http://www.egcon2025.com)

• [secretariat@egcon2025.com](mailto:secretariat@egcon2025.com)

• +91 83330 43480

Follow us:



**Let's shape the Earth's future—together**





# 13.

## CONTACT INFORMATION

### IAEG EXECUTIVE COMMITTEE 2023-2026

<b>Vassilis Marinou</b> School of Civil Engineering - Geotechnical Department National Technical University of Athens (NTUA) 9, Iroon Polytechniou Street, 157 80 Zografou <b>GREECE</b>	Mob: +30 6944833898 Fax: +30 2310 998530 Mail: marinosv@civil.ntua.gr	President
<b>Rafiq Azzam</b> Engineering Geology RWTH Lochnerstr. 4-20 52064 Aachen <b>GERMANY</b>	Tel: + 49 241 8095741 Fax: + 49 241 8092280 Mail: azzam@lih.rwth-aachen.de	Immediate past president
<b>WU Faquan</b> Shaoxing University No.508 Huanchengxilu Shaoxing City, Zhejiang Province <b>CHINA</b>	Tel: + 86-0575-88346551 Fax: + 86-0575-88346551 Mail: iaegsg@163.com	Secretary general
<b>Jean-Alain Fleurisson</b> MINES Paris – PSL University Centre de Géosciences. 35, rue Saint Honoré. 77305 Fontainebleau <b>FRANCE</b>	Tel: +33 1 64 69 48 13 Mob: +33 6 67 91 73 10 Mail: jeanalain.fleurisson@gmail.com	Treasurer
<b>Moshood N. TIJANI</b> (Hydrogeologist/Environmental Geologist) Department of Geology, University of Ibadan, IBADAN <b>NIGERIA</b>	Tel: +234(0)8039173275 Mob: +234(0)8023252339 mail: tmoshood@yahoo.com mn.tijani@ui.edu.ng tmoshood@gmail.com tmoshood@daad-alumni.de	Vice-president for Africa [National groups: Algeria; Nigeria; South Africa]
<b>Ranjan Kumar Dahal</b> Central Department of Geology, Tribhuvan University, Kirtipur, Kathmandu 44618 <b>NEPAL</b>	Tel: +977 1 4112090 Mob: +977 98510 60464 Mail: rkdaal@gmail.com	Vice-president for Asia [National and regional groups: Bangladesh; Bhutan; Cambodia; China; Chinese Taipei regional group; Hong Kong regional group; India; Indonesia; Iran; Iraq; Japan; Pakistan; South Korea; Malaysia; Mongolia; Myanmar; Nepal; Singapore; South-East Asia; Vietnam]
<b>Shengwen Qi</b> Beituchengxilu 19, Chaoyang District, Beijing 100029 P. O. Box 9825 <b>CHINA</b>	Tel: +86-10-82998055 Mail: qishengwen@mail.iggcas.ac.cn	Vice-president for Asia [National and regional groups: Bangladesh; Bhutan; Cambodia; China; Chinese Taipei regional group; Hong Kong regional group; India; Indonesia; Iran; Iraq; Japan; Pakistan; South Korea; Malaysia; Mongolia; Myanmar; Nepal; Singapore; South-East Asia; Vietnam]
<b>Anthony Bowden</b> 10 Sydney Road East Lindfield NSW, 2070 <b>AUSTRALIA</b>	Mob: 0418411749 Mail: anthonyjh.bowden@gmail.com	Vice-president for Australasia [National groups: Australia; New Zealand]

<b>Julien Cohen-Waeber</b> Exponent 15375 SE 30th Place Suite 250 Bellevue, WA 98007 <b>USA</b>	Tel: + 1 (425) 519-8758 Mob: + 1 (310) 488-8975 Mail: jwaeber@gmail.com	Vice-president for North America [National groups: Canada; United States of America]
<b>Francisco de Jorge</b> Rua Prof. Artur Ramos, 183 Conj. 64, Jardim Paulistano, São Paulo, SP, CEP 01454-011 <b>BRAZIL</b>	Tel: +55 11 3034-6150 Mob: +55 11 99932-0120 Mail: fndejorge@gmail.com	Vice-president for Latin America [National groups: Argentina; Bolivia; Brazil; Chile; Colombia; Costa Rica; Mexico; Paraguay; Peru]
<b>Janusz Wasowski</b> CNR-IRPI Amendola 122i Bari 70126 <b>ITALY</b>	Tel: +39 080 5929583 Mob: +39 3338350112 Mail: j.wasowski@ba.irpi.cnr.it	Vice-president for Europe [National groups: Albania; Austria; Bulgaria; Croatia; Cyprus; Estonia; France; Georgia; Greece; Italy; Lithuania; Netherlands; Poland; Portugal; Romania; Slovenia; Serbia (Yugoslavia); Spain; Switzerland; Turkey]
<b>Helen Reeves</b> 74 Hawkstone Ave., Guiseley, Leeds. LS20 8ES <b>UK</b>	Tel: +447714367526 Mob: +447714367526 Mail: helen.reeves@jacobs.com	Vice-president for Europe [National groups: Belgium; Belorussia; Czech Republic; Denmark; Finland; Germany; Hungary; Iceland; Ireland; Kyrgyzstan; Norway; Russia; Slovak Republic; Sweden; United Kingdom; Uzbekistan]
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