IAEG NEWSLETTER

Issue No.4, 2025
Website:www.iaeg.info
Electronic Version

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COVER STORY

Humantay Lake in Cusco, Peru

Humantay Lake is a glacier-fed lake located in the Soraypampa area, within the Mollepata District, Anta Province, in the Cusco Region of Peru. Situated at around 4,200 m in the Vilcabamba mountain range, the lake rests at the base of the Humantay and Salkantay peaks, which form part of the broader Andean orogenic system. The lake occupies a glacially carved cirque basin dammed by late-Holocene morainic deposits, and its intense turquoise color comes from suspended glacial rock flour.

The surrounding landscape showcases classic high-Andean geomorphology: steep granodioritic walls, talus cones, lateral moraines, periglacial features, and active sediment reworking linked to ongoing glacier retreat. This environment offers an excellent natural laboratory for geoscience education and engineering geology training, especially for observing slope stability processes, paraglacial adjustments, sediment pathways, and headwater catchment dynamics relevant to hazard assessments in tropical mountain regions.

The retreat of the Humantay glacier has exposed rock faces and unconsolidated deposits, making it possible to observe rockfall activity, moraine instability, and evolving runoff patterns. Humantay Lake is also widely recognized in Peruvian academic and touristic sources as a site of geomorphological and glaciological interest, valued for both its geotouristic appeal and its cultural significance linked to Andean traditions that honor the apus.

Provided by Sandra Paula Villacorta Chambi

The president of IAEG Peru National Group

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1.
NEWS OF EXECUTIVE COMMITTEE

IAEG President Vassilis Marinos Attended ARC-15

IAEG President Vassilis Marinos expressed his heartfelt appreciation to everyone who helped make the 15th Asian Regional Conference (ARC-15) of IAEG an unforgettable outstanding success.

President Vassilis Marinos with partici–pants at the 15th ARC of IAEG

He extended special recognition to the Organizing Committee, the Nepal Society of Engineering Geology (NSEG), and the Bangladesh National Group of IAEG, whose dedication, teamwork and passion brought this conference to life. The collaboration between Nepal and Bangladesh was truly inspiring and served as a powerful example of regional unity and professional partnership.

Vassilis offered his deepest thanks especially to the Chairs Prof. Ranjan Kumar Dahal (Nepal Society of Engineering Geology) and Prof. Shakhawat Hossain (Bangladesh National Group of IAEG) for their leadership and vision.

He described ARC-15 as a milestone event that brought together participants from across Asia and beyond, delivering high-quality technical sessions and celebrating strong engagement from early-career professionals. He expressed pride in the remarkable visibility and leadership of women in engineering geology, which set an inspiring example for the future. The energy, creativity and commitment demonstrated by Dr. Anjila Malla, Dr. Sweata Sijapati and Dr. Manita Timilsina and the many women volunteers, along with the heartfelt involvement of younger generations, left a lasting impact.

The conference became a real celebration of diversity, bringing together participants from countries across Asia and beyond, fostering connection across age, experience, gender and culture. Attendees shared knowledge, strengthened friendships, and enjoyed memorable moments, including what many affectionately called the best YEG party yet.

In closing, Vassilis thanked all colleagues, presenters, keynote speakers, sponsors, volunteers, and participants for contributing to an inclusive, memorable, and impactful conference. He added that IAEG looks forward to continuing this momentum together for the benefit of the global IAEG community and continuing to build opportunities for all.

Poster of the 15th ARC of IAEG

IAEG President Vassilis Marinos Attended EGCON 2025

Celebrating 60th Anniversary of Indian National Group

IAEG President Vassilis Marinos considered it a true honor for the IAEG to participate in EGCON 2025, held in New Delhi on 1–3 December, and to join the Indian Society of Engineering Geology (ISEG), India National Group, in celebrating 60 glorious years of Engineering Geology in India.

He reflected on India's a unique and foundational place in IAEG's history, noting that New Delhi is the birthplace of IAEG, which was established in 1964 with India as one of IAEG's founding members. This Jubilee celebration was therefore not only a milestone for ISEG, but also a meaningful moment for the entire IAEG family.

IAEG was proudly represented at EGCON by a strong team: the President, the Vice President for Asia, Prof. Ranjan Kumar Dahal, and the Vice President for Europe, Dr. Helen Reeves. Both VPs delivered keynote lectures, engaged in multiple technical sessions, and actively supported the WEG and YEG programs, reinforcing IAEG's commitment to global collaboration, youth engagement and the advancement of Women in Engineering Geology.

The conference delivered excellent scientific content, with numerous keynote lectures, high-quality technical sessions, and a vibrant presence of young professionals and many women participants. One of the most inspiring moments was witnessing so many women receive awards for best paper preparation and presentation during the closing ceremony. It was an honor to present these awards on behalf of IAEG.

Warmest thanks were extended to those whose leadership and hospitality made EGCON so remarkable:

Yogendra Deva, Chair, EGCON 2025

Mandapalli Raju, Former Director General, Geological Survey of India

Dr. Mridul Srivastava, Secretary, India National Group of IAEG

A heartfelt thank-you as well to Prof. Arindam Basu, Co-Editor-in-Chief of IAEG Journal Bulletin of Engineering Geology and the Environment (BOEG), for his exceptional work and long-standing dedication to IAEG, and for his valuable contributions throughout EGCON. His leadership continues to elevate the scientific impact of IAEG community. A heartfelt thanks were offered to Dr. Vivek Sharma for his warm hosting and collaborative spirit.

He also thanked the ISEG Board for organizing a valuable meeting with IAEG officials before the conference. Their discussions on strengthening ISEG's engagement within IAEG and on how IAEG can bring even greater benefits to India's engineering geology community were productive and forward-looking. India has a long, powerful, and respected tradition in geology and engineering geology, and IAEG's commitment to expanding collaboration.

A special acknowledgement was made to the Geological Society of India (GSI), whose strong scientific synergy with ISEG continues to enrich the engineering geology profession across the country.

A special congratulations and thank-you to the IAEG Technical Commission C25 on Engineering Geological Models for delivering a truly exceptional full-house workshop. He expressed his appreciation in particular to Dr. Fred Baynes, Past President of IAEG, Dr. Mark Eggers, Chair of the IAEG Advisory Committee, and all the colleagues who contributed their expertise and effort to make this workshop such a valuable learning experience.

In conclusion, he thanked all participants, speakers, students, and organizers for the inspiring exchange, the warm hospitality, and the shared celebration of science and community, and expressed a look forward to continuing this journey together and to meeting again at the next EGCON or an IAEG event in India.

For more details of the event

please refer to the summary document of EGCON 2025 provided by Indian National Group: https://www.dropbox.com/scl/fi/qh68ua8lwjfk5u7a7zlxy/EGCON-2025_Visual-Chronicle_YDeva_09-Dec-2025.pdf?rlkey=98daxt53gucailjwjzk2kgum4&st=indt2uhr&dl=0

Poster of EGCON 2025

IAEG Vice President Dr. Francisco de Jorge Attends Geotechnical Symposium in Uruguay

The Geotechnical Symposium of the Southern Cone was held in Maldonado, Uruguay, on 2–3 December 2025, in conjunction with the XI Uruguayan Congress of Geology. The International Association for Engineering Geology and the Environment (IAEG) was represented by Dr. Francisco Nogueira de Jorge, Vice-President for Latin America. The Symposium was also attended by Prof. André P. Assis, Vice-President of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE).

Dr. Francisco N. de Jorge delivered a keynote lecture entitled *Engineering Geology and the Environment: Methods and Technical Applications*, in which he presented selected technical examples and case histories illustrating the application of engineering geology in practice. His participation contributed to the promotion of both the discipline of Engineering Geology and the activities of the IAEG, with particular emphasis on engagement with early-career professionals.

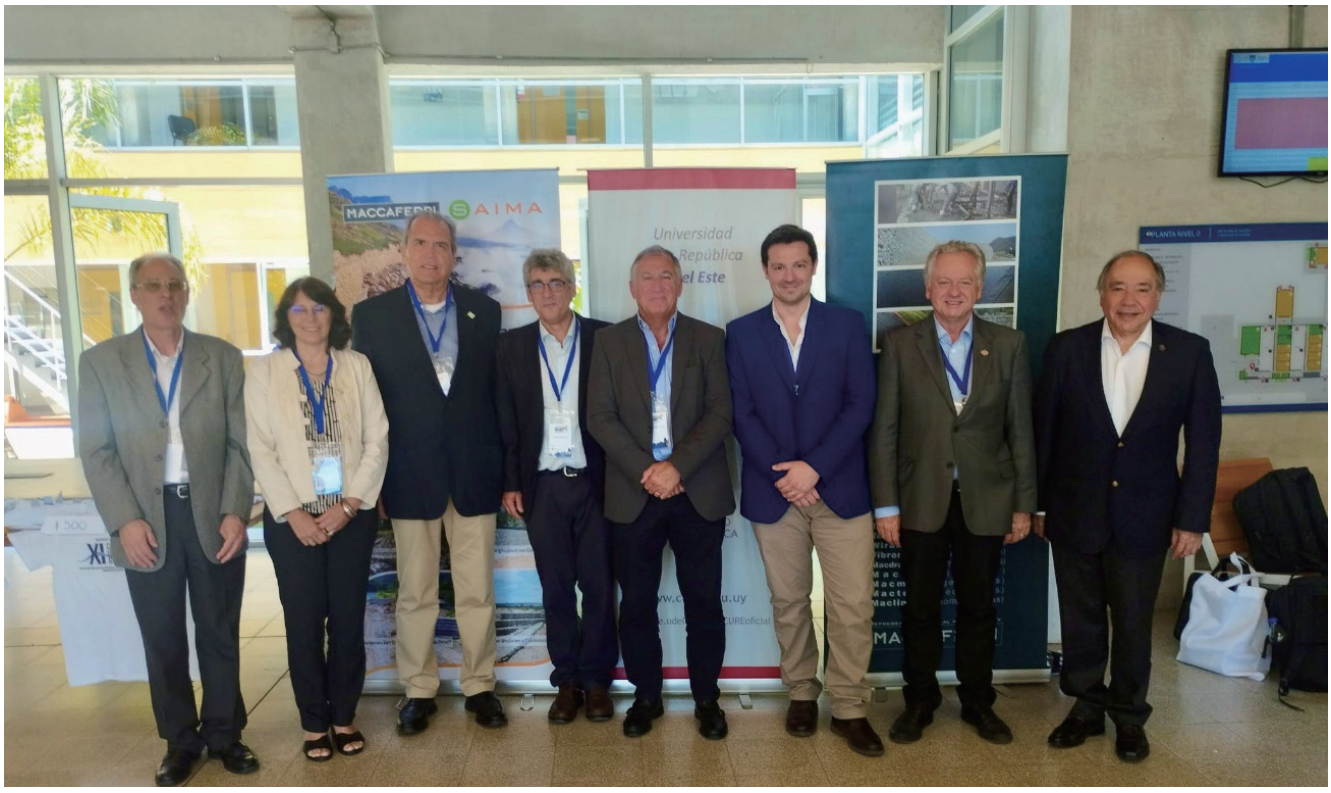
Dr. Francisco de Jorge delivering his lecture at the Symposium

Prof. André P. Assis, the South American Vice-President of the ISSMGE, delivered a lecture entitled *Risk Management for Geotechnical Structures*. The participation of Vice-Presidents from both international organisations was highly valued by the Symposium organisers and participants and emphasised the importance of collaboration between the two societies.

The Symposium was co-organised by Prof. Leonardo Behak and Dr Marcos Musso of the Universidad de la República (Udelar), Uruguay, together with Prof. Washington Peres Nunez of the Federal University of Rio Grande do Sul (UFRGS), Brazil. The technical programme benefited from additional contributions by Prof. Virginia Sosa, President of the Argentine Geotechnical Engineering Society (SAIG), as well as by professionals and academics from Uruguay, Brazil, Argentina and Chile.

In parallel with his participation in the Symposium, Dr Francisco N. de Jorge promoted the forthcoming IAEG World Congress to be held in Delft and encouraged the submission of technical papers. In support of this outreach activity, Ms. Julia Löffler (Argentina), Secretary of the Young Engineering Geologists (YEG) Group, and Ms. Sandra Villacorta (Peru), representing the Women in Engineering Geology (WEG) Group, recorded video messages to encourage broader participation in the Congress.

Prof. Andr é P. Assis, Dr. Marcos Musso and Dr. Francisco N. de Jorge



Organizers of Geotechnical Symposium of the Southern Cone

2.
YEG ACTIVITIES

Exciting News for the EGU 2026

The International Association of Engineering Geology and the Environment (IAEG) is proud to organize the session ITS4.29/NH13.15 — "Advances in Landslide Investigation and Mitigation: Bridging Research and Engineering Geology Practice" at the upcoming European Geosciences Union (EGU) General Assembly 2026.

In recent decades, landslide research has yielded numerous scientific advances; however, the practical application of this knowledge in engineering geology and geotechnical practice remains an ongoing challenge. This session aims to bridge the gap between research and real-world mitigation by bringing together experts from across disciplines, fostering collaboration, and promoting the efficient use of resources for landslide risk reduction.

We invite contributions on topics including:

- Affordable innovative technologies for landslide detection and mapping (optical/radar remote sensing)
- Advances in subsurface characterization with geophysical methods
- Integration of remote sensing and ground-based data for monitoring
- Application of engineering geological models for site-specific risk mitigation
- Data quality, geological uncertainty, and slope stability modeling
- Methods of slope stability analysis: empirical to advanced numerical models
- Impacts of climate variability on landslide occurrence and slope performance
- Low-cost hazard assessments in data-scarce or disaster-affected areas
- Case histories of stabilization and mitigation—showing what works and the limitations of universal solutions

Conveners: Janusz Wasowski,

Vassilios Marinos: (https://www.linkedin.com/in/vassilios-marinos-23221044/);

Tümay Koca (https://www.linkedin.cn/incareer/in/t%C3%BCmay-kadakci-koca-3242201a3/);

Stratis Karantanellis (https://www.linkedin.cn/incareer/in/stratiskarantanellis/);

Ranjan Kumar Dahal (https://www.linkedin.cn/incareer/in/ranjan-kumar-dahal-3625402a/)

Join us to exchange insights, share best practices, and participate in vibrant discussions that advance both theory and practice in landslide risk management.

Submit your contributions: **https://lnkd.in/eeegH4bJ**

Please refer to https://www.dropbox.com/scl/fo/ju9zxd5lkkoe4fgg8oew2/AE3kjbT9UDwtT0ok_rKbVA0?rlkey=ecs4x6arfhkv5jjmv9r6p361h&st=eph0ho0n&dl=0 for the promotion video.

E-Webinar

Title: *Inspiring the Next Generation: How Digital Tools and 3D Visualization Can Transform Geoscience Education*

Discover how new technologies are transforming the way we learn and teach geoscience, inspiring the next generation of leaders in our field.

Presenters 1: Aaron Dutton

Senior Application Specialist, Seequent

Aaron is a geologist with nearly 20 years' experience in minerals and energy exploration, mining, and environmental services. He's part of the Leapfrog engineering team at Seequent.

Presenters 2: Cameron McCabe

Senior Application Specialist, Seequent

Cameron brings 13 years of experience spanning exploration, mining, project and data management—working in greenfield exploration, active mine environments, consulting, and government agencies as part of Seequent's Leapfrog team.

Date: 9th December 2025

Website: https://forms.gle/vFCVFYeD2q2w1RxH8

Don't miss this opportunity to engage with industry experts and discover how digital tools and 3D visualization are shaping geoscience education!

YEG Article

Alliance Projects as a Growth Opportunity for Young Engineering Geologists

Lauren Foote

WSP Limited, Nelson, New Zealand

lauren.foote@wsp.com

1. Introduction

Within New Zealand there have been many larger-scale infrastructure projects that require considerable input from Engineering Geologists. In order to contribute to multiple projects at the same time, it is common for different organisations to pool their resources and come together to work collaboratively to achieve the required Engineering Geological outcomes. This commonly occurs as part of an alliance delivery model ("alliance") where clients, contractors, and designers work together to achieve the end goal (Ibrahim et al. 2016). Recent examples of alliances are the Stronger Christchurch Infrastructure Rebuild (SCIRT, from 2011 to 2017), North Canterbury Transport Infrastructure Rebuild (NCTIR, from 2016 to 2020), and the Northern Corridor project (from 2024 and ongoing). As a Young Engineering Geologist, involvement with projects of this nature provides a great opportunity for professional development; however, it is not without challenges. This article describes some of the advantages and challenges of working within alliance projects based on the author's own experiences.

2. Advantages of Alliance Projects for Young Engineering Geologists

Advice commonly given to those in the early stages of their career is to say "yes" to every opportunity that comes your way, and the chance to be involved with an alliance project is certainly one of those opportunities. Advantages are discussed below.

New skills: within a single alliance project, there can be multiple elements which require engineering geological input, such as building siting and foundations, roading, tunnels, utilities and many more. As a Young Engineering Geologist, this provides exposure to new tasks and the opportunity to learn new skills. These will be wide ranging and commonly include regional scale mapping, soil and rock logging, different analysis techniques and construction supervision.

Increased confidence through repetition: due to the scale of alliance projects, there is often a need to complete the same tasks many times across the site.

Whilst this repetition can be viewed as tedious, it provides a great opportunity to refine your skills and increase confidence. Even when a task appears monotonous, there are always new engineering geological challenges to be solved. A great example of this is the variability you can encounter between two nearby boreholes, proving that it is important to keep your eyes open to identifying change in ground conditions where it may not be expected.

Exposure to different viewpoints: you will work with other geo-professionals with widely varying backgrounds, who will have differing viewpoints that provide the opportunity to challenge your knowledge and technical understanding. This is not just a top-down process, and there are opportunities to share knowledge across all levels of experience.

Additionally, there are opportunities to work with other disciplines such as planners, structural engineers, and construction managers, gaining an improved understanding of how geology fits into the bigger picture of a project. For example, the level of detail required from a single borehole can vary depending on its purpose and the project outcomes. A borehole could be used to identify the depth to rock for pile bearing (broad, high-level data required) or could be required to identify fault location and displacements (detailed logging is important). This context is important as it guides the required level of information and, therefore, how you might go about locating and logging the borehole.

Professional networking: working on an alliance project will provide exposure to new people and an opportunity to grow your professional network. The need for a collaborative approach to these projects builds a close working relationship between consultants, contractors, and clients. As a result, future projects may come your way, as we all prefer to work with people that we already know and trust. Further, you will find that the Engineering Geology community is small, so there is a good chance that the friends you make on your first alliance project will cross paths with you over the course of your career.

Insights to career opportunities: Working with others on the project, you will learn more about the variety of roles that Engineering Geologists can be involved with within consulting, laboratories, government agencies, research entities, and construction companies. This provides a chance to learn about the different roles, their benefits and challenges in each type of organisation, and may guide your future career path and goals.

3. Challenges of Alliance Projects for Young Engineering Geologists

As a Young Engineering Geologist, starting on an alliance project may be daunting with day-to-day operations on the project different to what your prior career experiences may include. Entering the project with an open mind will set you up for success and allow you to take on the challenges that these projects present. Some of which are discussed below.

Travel and time away from home: as an Engineering Geologist, one of the core tasks of any project is the initial site mapping and investigations. These works are commonly required outside of the major urban centres, requiring time away from home. While this can be exciting initially, many will find the change in routine tiring. It can be difficult to separate work and rest time while away from home, so having key activities to help mentally signal the end of your working day (maybe doing your timesheet or going out for a meal) can help set some boundaries.

Long working days: site works typically require longer working days, and being outside in all weather conditions can be exhausting. Effective rostering of both site and office tasks can help minimise the effects of fatigue and complacency.

Loss of your usual support network: moving into a different work environment, such as a site-based role or an alliance office, can separate you from your usual support network. You might be the only representative from your

home organisation, which can be as daunting as starting a whole new job. It's important to connect with the leaders within the alliance to make sure that you have the support required to complete your role effectively, and it's also useful to have regular catch ups with your support network at your home organisation.

Differing viewpoints: while already mentioned as being an advantage, learning to work with new people and navigating their different ways of doing things can be draining. Approaching the project with curiosity to learn new things and an open mind will help you stay positive.

4. Conclusion

Overall, the advantages vastly outweigh the challenges that come with working on alliance projects. The Alliance contracting environment provides a valuable and rewarding experience that all Young Engineering Geologists should consider being involved with.

Acknowledgments

Thank you to my employers, both past and present, for the opportunity to be involved with alliance projects. Additional thanks to the IAEG and YEG for review and encouragement in preparing this article.

References

Ibrahim, K.I., Costello, S.B., Wilkinson, S and Walker, D (2016). Project Alliancing: The Case of Road Infrastructure Projects in New Zealand. In: PW Chan and CJ Neilson (Eds). Proceedings of the 32nd Annual ARCOM Conference, 5-7 September 2016, Manchester, UK, Association of Researchers in Construction Management, Vol 1, 175-184.

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.
5th IAEG SUMMER SCHOOL

FIFTH SUMMER SCHOOL OF THE INTERNATIONAL ASSOCIATION FOR ENGINEERING GEOLOGY AND THE ENVIRONMENT

Aosta (Italy) June 29 - July 7, 2026

The school is dedicated to **PhD students** in Earth Sciences and Engineering Geology

NO REGISTRATION FEE IS REQUIRED

The number of participants is limited

Application deadline: April 1, 2026

Contact: sciaeg@irpi.cnr.it

MORE INFORMATION

SUBMIT YOUR APPLICATION

ORGANIZED AND SUPPORTED BY

UNDER THE PATRONAGE OF

Please refer to https://www.dropbox.com/scl/fi/qvc07qimsey5h0wdmouex/IAEG-summer-school-2026-program.pdf?rlkey=sxvmq85unf0lllygpgd4wmnzs&st=yqjh8rac&dl=0 for the full program.

4.
EDI POLICY AND CODE OF CONDUCT

IAEG Policy: Equity, Diversity and Inclusivity in Engineering Geology and the Environment
Version date: 10 May 2025

Purpose

This policy is intended to guide all members and office holders in how the IAEG will enact its commitment to equity, diversity and inclusion. We will serve society better by attracting and retaining the widest possible talent and fostering a greater diversity of ideas, research and technology.

Objectives

The IAEG EDI Policy is focussed on:

1) Increasing the participation of diverse people in the engineering geology profession, by accepting and including their ideas and perspectives.
2) Ensuring that the effectiveness of the EDI Policy is reported, monitored, analysed and updated on a regular basis.
3) Facilitating access to and developing EDI documentation, guidance and training opportunities for IAEG National Groups and their members.

Policy

In the course of our work with, and activities for, the IAEG, we will ensure that:

- The IAEG is an organisation that is committed to promoting equity, diversity and inclusivity (EDI) in engineering geology and the environment.
- The IAEG reflects the diversity of all the regions it serves.
- We take account of the ways that individual working styles and personal preferences are influenced by national cultures.
- We promote and accept the things that distinguish us from those around us so that all of our members feel safe, welcome and valued.
- We are receptive to the needs of all of our members, and are supportive and inclusive of them.
- We are aware of our natural biases and actively work to overcome them.
- We bring matters to the notice of the relevant regional Vice President and/or the President of the IAEG if there are reasonable grounds to believe that a breach of this policy has taken place which has, or could have, adverse consequences.

Definitions

- **Diversity** includes all the ways in which people differ, including different social and ethnic backgrounds, individual attributes, skills and perspectives. These include gender identity, disabilities and visible minorities, at a basic level. Additional considerations include age, family status and care giving responsibilities, cultural and ethnic backgrounds, sexual preference and religion.
- **Equity** is the fair treatment, access, opportunity and advancement for all people, by identifying and removing barriers that prevent the full participation of individuals from marginalized groups, and correcting conditions of disadvantage in education, opportunities and employment.
- **Inclusivity** requires the creation of environments in which individuals and groups feel welcomed, respected, supported and valued in the course of their full participation as members, partners and leaders. Inclusive learned societies and workplaces create a culture that values and respects differences, and benefits from diverse perspectives, understanding and contributions.

Representing the IAEG

Most countries have legislation that protects everyone in those counties from discrimination. When representing the IAEG no-one can discriminate against:

- Age,
- Gender or sexual orientation
- Having a family or not
- Colour, race, ethnicity, religious belief
- Any kind of disability, impairment or illness (unless it restricts the person from completing the role).

Activities of the IAEG

IAEG Sponsored Conferences, Congresses, Symposia, Workshops

All IAEG endorsed or sponsored events must comply with the IAEG Code of Conduct and EDI Policy. In the selection of keynote speakers, session chairs and participants, the organisers agree to select people for these roles that have a diverse background, giving fair consideration to gender, age, ability, race and ethnicity.

Keynote speakers will normally include at least one third female and one third young engineering geologists.

IAEG Policy: Code of Conduct
Version date: 10 May 2025

Opening Statement

Our code of conduct represents the way we do things in the IAEG. It provides a framework for the standards to which we hold ourselves and supports us in making decisions that are ethical, trustworthy and fair.

Who does this apply to?

This code applies to all members and office holders of the IAEG.

Where we see any deviation from our Code of Conduct we will speak up and raise it with a member of the Executive of the IAEG and/or the President of the IAEG. We will investigate all allegations of unethical, discriminatory or illegal behaviour and will not tolerate discrimination or retaliation of any kind against anyone making such a report in good faith.

Working Together

We are a diverse group of people from many different backgrounds and cultures, with many different ideas and experiences. We value and support each other's contributions and treat each other with honesty, respect and dignity (refer IAEG EDI Policy).

We believe everyone should have an equal chance to participate in the activities of the IAEG. We recognise the different strengths and talents each person brings. We have zero tolerance of behaviours or actions that amount to bullying, harassment, intimidation or discrimination.

Before we act, we must ask ourselves whether our actions could be perceived as disrespectful or exclusionary, could put anyone's well-being or safety at risk, or might negatively impact the reputation of the IAEG.

The IAEG will not tolerate bribery, corruption, fraud, collusion or any other form of dishonesty.

Obligations

In the course of our work with and activities for the IAEG, we will:

- Act with honesty, objectivity, and integrity.
- Treat people with respect and courtesy.
- Disclose and appropriately manage conflicts of interest.
- Take reasonable steps to safeguard the health and safety and well-being of people.
- Consider reasonably foreseeable effects on the environment resulting from our activities, and remedy adverse effects.
- Have regard to the need for sustainable management of the environment (that is, meeting the needs of the present without compromising the ability of future generations to meet their own reasonably foreseeable needs).

- Bring matters to the notice of the relevant regional Vice President and/or the President of the IAEG if there are reasonable grounds to believe that a breach of this code has taken place which has, or could have, adverse consequences on an individual or a group of individuals.

In the course of your activities for the IAEG you must not:

- Offer or promise to give to any person anything intended to improperly influence a decision.
- Accept from any person anything intended to improperly influence your IAEG activities.
- Engage in or support corrupt practices.

If you have reasonable grounds to believe that other member(s) have committed a significant breach of this policy, you must report the matter to the President of the IAEG.

Please refer to https://www.dropbox.com/scl/fo/6cbi8heivq4k6tyclchpx/AAIffFDNMH-YXCYbTr_AOoM?rlkey=9m0xf0vsjssxk17de7ryj3yfr&st=mhj3i7gh&dl=0 for the above documents.

5. NEWS OF NATIONAL / REGIONAL GROUPS

CHINA

IAEG ARC-15 Promotion & Academic Exchange in China

On Nov. 1, 2025, Prof. ATM Shakhawat Hossain, who is from Jahangirnagar University, Bangladesh and serve as the President of IAEG Bangladesh National Group and the joint Convener of IAEG ARC-15 2025, made a promotion on IAEG ARC-15 and had academic exchanges in the Institute of Geology and Geophysics, Chinese Academy of Sciences, Beijing, China.

The activity is hosted by IAEG VP for Asia Prof. Shengwen Qi. After the warmly welcome address by Prof. Qi, Prof. Shakhawat introduced the history and development of IAEG Bangladesh National Group and then delivered an invited lecture on Earthquake & Liquefaction Hazards in the South Eastern Fold part of Bangladesh—Challenges, Issues & Sustainable Development. The excellent lecture sparked lively discussions and suggestions.

Invited Academic Lecture by Prof. ATM Shakhawat Hossain

Based on the typical engineering geology and environment background above, Prof. Shakhawat formally promote the IAEG ARC-15, including the initial proposal, theme, organizer, committee, session and workshop, keynote speaker, invited speaker, YEG and WEG Specials, venue and hotel, field trip, special arrangements in Bangladesh and other information. With the well-designed ARC-15 brochure, Prof. Shakhawat send kind invitations to all Chinese members and colleagues.

As invited, for potential cooperation, Prof. Shakhawat also shared the briefs on Jahangirnagar University and progress of engineering geology in the University.

ARC–15 Promotion by Prof. ATM Shakhawat Hossain

Prof. ATM Shakhawat Hossain is invited by IAEG VP for Asia Prof. Shengwen Qi and this activity is co-organized by IAEG China National Group, IAEG YEG and WEG in China, IAEG Commission No. 29 and the Institute of Geology and Geophysics, Chinese Academy of Sciences.

Group Photo of the Academic Exchange in IGGCAS, Beijing China

2025 Annual Academic Conference of Engineering Geology of China

On November 24, the 2025 Annual Academic Conference of Engineering Geology of China concluded in Changsha. The conference, themed “Smart Engineering Geology and Urban Geological Safety,” brought together more than 1,800 participants.

In the opening speech, Shengwen Qi, IAEG vice president of Asia, emphasized the vital role of engineering geology in urban development, disaster prevention and mitigation, resource development, and environmental protection, and expressed the hope that the conference would serve as an important platform for promoting innovation and development in the discipline.

Shengwen Qi delivering speech at the opening ceremony

The conference held in-depth discussions around nine topics, including intelligent sensing of geological bodies and multi-source data fusion technologies, intelligent modeling and inversion in engineering geology, and the engineering-geological properties of rock and soil masses and their intelligent analysis.

Attendees at The Technical Sessions

During the academic exchange sessions, the conference scheduled approximately 570 academic presentations, including 22 plenary invited talks, 64 invited talks in parallel sessions, 205 general talks in parallel sessions, and 279 presentations in the graduate student forum—offering attendees an impressive academic program. After intense competition and rigorous review, the conference selected 30 recipients of the Outstanding Graduate Student Presentation Award.

Outstanding Student Presentation Award Ceremony organized by YEG of China NG

China National Group actively promoted 2026 IAEG Congress during the conference. Colleagues showed strong interest in the congress and scheduled it in their calendars. A high volume of full paper submission from China is expected.

Promoting 2026 IAEG World Congress at the China NG Conference

IAEG China NG's Delegation at ARC-15 of IAEG

The delegation of IAEG China NG, comprising over 30 members, included representatives from Commissions, WEG-China, and major Chinese universities and research institutes.

Photo of the China NG's delegates at the Opening Ceremony of ARC–15

Prof. Shengwen Qi, Vice President for Asia of IAEG and Secretary General of IAEG China NG, was invited to deliver speeches and present awards at both the opening and closing ceremonies of ARC-15 in Kathmandu, Nepal. He was also invited to give a video address at the closing ceremony of the parallel sessions of ARC-15 in Bangladesh.

Speech by Prof. Shengwen Qi at the Closing Ceremony of ARC–15

From keynote and oral presentations to posters, IAEG Chinese members shared advances in theory and technology with participants from Asia and around the world. Dr. Aonan Dong received the Best Poster Presentation Award, one of only two awardees in total. Additionally, Dr. Ke Xing was honored with the YEG Oral Presentation Award, one of only three awardees in total.

Best Poster Presentation Award

****KOREA****

The 2025 Korean Society of Engineering Geology Fall Conference

- Dates: November 12-14, 2025 (3 days)
- Venue: Cheongsong Sono Belle
- New President: Baek Yong (Korea Institute of Civil Engineering and Building Technology)

Presentation Statistics A total of 72 presentations was given:

- Oral presentations: 19
- Poster presentations: 36
- Special session: 16
- Young Engineering Geologist Award special lecture: 1

Short Courses (November 12) Two interesting topics were offered:

1. **3D Spatial Analysis** (Prof. Lee Chang-wook, Kangwon National University)
    - Past, present, and future of 3D spatial analysis for Earth's environment
2. **SAR Image Processing** (Prof. Han Hyang-sun, Kangwon National University)
    - SAR image processing and interpretation using SNAP software

19th President of the Korean Society of Engineering Geology Elected

- **Elected President**: Dr. BAEK Yong
- **Affiliation**: Korea Institute of Civil Engineering and Building Technology

The 2025 Korean Society of Engineering Geology Career Fair

Event Overview

- Date: November 19, 2025
- Format: Hybrid (online and in-person)
- Venue: International Conference Room, 60th Anniversary Memorial Hall, Kangwon National University
- Online streaming: https://youtube.com/live/Hl7uYCs18bI?feature=share

Attendance

- Online participants: 50
- In-person participants: 50
- Total: 100 participants

Participating Companies Six engineering geology and geotechnical companies participated:

1. Sejong E&T Co., Ltd.
2. Selpy E&C Co., Ltd.
3. Earth ENG Co., Ltd.
4. GeoGreen21 Co., Ltd.
5. Geomeca ENG Co., Ltd.
6. Geo Engineering Co., Ltd.

This hybrid format allowed for broad participation, combining the benefits of in-person networking with online accessibility. The event likely provided students and professionals opportunities to learn about career paths and current projects in the engineering geology industry.

****NEPAL-NGS****

Dr. Panthee is nominated as the Coordinator of IAEG Nepal Geological Society

नेपाल भौगर्भिक समाज

Nepal Geological Society

Ref. no. 39/2082/83 Date: 2082-06-08

Dr. Suman Panthee (LM-487)
Assistant Professor,
Central Department of Geology, Tribhuvan University
Kirtipur, Kathmandu, Nepal.

Subject: Nomination as Coordinator of IAEG Nepal Chapter

Dear Dr. Panthee,

It is with great pleasure that the Executive Committee of the Nepal Geological Society (NGS) nominates you as the **Coordinator of the IAEG Nepal Chapter**.

The Society recognizes your professional expertise, longstanding contributions to NGS, and dedication to advancing the field of engineering geology and related disciplines. In this new role, you will be responsible for leading the activities of the IAEG Nepal Chapter on behalf of NGS, including:

- Conducting regular activities of NGS under the IAEG framework,
- Coordinating with the IAEG Secretariat and fostering international collaboration,
- Facilitating the renewal and expansion of membership,
- Advising on academic, technical, and professional matters related to engineering geology and the environment, and
- Promoting the mission and objectives of IAEG within Nepal's geoscience community.

We are confident that your leadership and commitment will significantly contribute to strengthening the presence of NGS within IAEG and creating wider opportunities for collaboration and professional growth.

The Executive Committee extends its full support and best wishes for your successful tenure as Coordinator.

With warm regards,

Sincerely,

.....
(Shiv Kumar Baskota)
General Secretary
Nepal Geological Society (NGS)

+977-9851431322, info@ngs.org.np, www.ngs.org.np

NEPAL-NGS

Nepal Geological Society Celebrates International Day for Disaster Risk Reduction 2025 with a Symposium in Kathmandu

The Nepal Geological Society (NGS) organized a national level Symposium on the International Day for Disaster Risk Reduction (IDDRR) 2025 on 17 October 2025 (Ashwin 30, 2082) at the Nepal Tourism Board Hall, Kathmandu. The event was held under the global theme "Fund Resilience, Not Disaster," in alignment with the Sendai Framework for Disaster Risk Reduction (2015-2030) and Nepal's national priorities on risk-informed development.

Figure 1 Main Banner

The symposium brought together over 200 participants, including engineering geologists, geoscientists, engineers, policymakers, government officials, development professionals, academicians, students, and youth representatives. The program was chaired by Mr. Bhaskar Khatiwada, President of NGS, demonstrating strong leadership from Nepal's professional geoscience community.

The event was organized by NGS with institutional support from the Department of Mines and Geology (DMG), Department of Water Resources and Irrigation (DWRI), Nepal Tourism Board (NTB), Nepal Electricity Authority (NEA), Nepal Academy of Science and Technology (NAST), Tribhuvan University (TU), National Society for Earthquake Technology, Nepal (NSET), Nepal Youth Network, DPNet and Volunteer Corps Nepal (VCN).

Nepal remains one of the most disaster-prone countries globally, exposed to earthquakes, landslides, floods, glacial lake outburst floods (GLOFs), and increasingly frequent climate-induced hazards. Recent disasters, including the 2023 Jajarkot Earthquake, monsoon flooding, and urban flash floods in the Kathmandu Valley, have highlighted persistent vulnerabilities associated with rapid urbanization, fragile geology, and infrastructure deficits. Against this background, IDDRR 2025 provided a timely platform to reinforce the message that investment in preparedness and resilience is economically and socially more effective than post-disaster response.

The symposium adopted the Nepali slogan "आज सामर्थ्य बढाऔँ, भोलीको विपद् टारौँ" ("Strengthen capacity today to prevent tomorrow's disaster"), emphasizing capacity building, scientific preparedness, and community resilience.

Figure 2 Glimpses of program

The inaugural session was formally opened by the Chief Guest, Mr. Krishna Bahadur Raut, Secretary, Ministry of Industry, Commerce and Supplies, Government of Nepal. Distinguished speakers included Mr. Mitra Baral, Director General, Department of Irrigation; Mr. Dinesh Kumar Napit, Director General, Department of Mines and Geology; and Mr. Sanjeev Baral, Executive Director, Water Resource and Energy Research Center. Speakers highlighted the need to integrate disaster risk reduction into national development planning, infrastructure investment, and tourism development.

Figure 3 Chief guest and convenor delivering their speech

Dr. Lok Bijay Adhikari, Convener of the IDDRR 2025 Organizing Committee, outlined the objectives of the symposium and emphasized NGS's role in linking geoscientific research with policy and practice. The session concluded with closing remarks from Dr. Basanta Raj Adhikari, Vice-President of NGS.

Two technical sessions formed the core of the program. Technical Session I, chaired by Senior Divisional Geologist Dr. Ganesh Nath Tripathi, focused on seismic hazards, landslide assessment, cryospheric risks, and the application of emerging technologies in disaster risk reduction. Presentations highlighted the critical role of engineering geology, hazard mapping, and evidence-based land-use planning.

Technical Session II, chaired by Assoc. Prof. Dr. Moti Lal Rijal, addressed flood geomorphology, groundwater challenges, and climate-resilient infrastructure, with particular attention to Nepal's river basins and lowland regions. Discussions underscored the need for risk-informed design standards and sustainable groundwater management. Interactive discussions throughout the symposium emphasized a shift from relief-centric approaches to resilience-oriented investment. Participants highlighted the importance of prioritizing scientific research, strengthening institutional coordination, expanding public–private partnerships, and empowering local governments and youth in disaster risk reduction initiatives. The symposium achieved several key outcomes: enhanced national awareness on the economic benefits of resilience investment, strengthened collaboration among scientific institutions and government agencies, and reinforced the central role of engineering geology and geosciences in disaster risk governance.

NGS reaffirmed its commitment to advancing science-based disaster risk reduction and called on policymakers, professionals, and development partners to translate the IDDRR 2025 theme "Fund Resilience, Not Disaster" into sustained action.

Talk Program 1: Nepal Geological Society Organizes Talk on Coseismic Landslide Modelling in Nepal

The Nepal Geological Society (NGS) successfully organized first session in its ongoing Talk Program Series on 6 November 2025, featuring an insightful presentation by Dr. Suryoday Ghoshal, Postdoctoral Researcher at the University of Plymouth, UK. The program was hosted by the Scientific and Research Sub-Committee of NGS, coordinated by Assoc. Prof. Dr. Subodh Dhakal.

Dr. Ghoshal delivered a talk titled ***"Simulating Coseismic Landslides in Nepal and Their Effects on the Landscape,"*** highlighting his recent work on modelling earthquake-triggered landslides using the 2015 Gorkha Earthquake as a case study. His presentation covered the integration of seismic data, terrain analysis,

and landslide inventories within the Landlab modelling framework. He showcased how new computational approaches can capture the interactions between ground shaking, slope processes, and long-term landscape evolution in tectonically active regions like the Himalaya.

Figure 1 Highlights from the NGS Talk Program where Dr. Suryoday Ghoshal presented his research on simulating coseismic landslides in Nepal, joined by participants from across the geoscience community

The session drew 55 participants from academia, government agencies, private consultancies, engineering institutes, and the broader geoscience community. The talk was highly interactive, with participants engaging in discussions on hazard assessment, model validation, and the potential of hybrid AI-based approaches for improving landslide prediction capabilities.

NGS continues to provide a platform for knowledge exchange among geoscientists through its regular talk programs. This event proved particularly fruitful, offering valuable scientific insights and strengthening collaboration within Nepal's earth science community.

Talk Program 2: Nepal Geological Society Talk Program on Sustainable Mining Practices

The Nepal Geological Society (NGS), Nepal Chapter of the International Association for Engineering Geology and the Environment (IAEG), organized its second Talk Program under the NGS Talk Program Series on 20 November 2025 in online mode. The program featured a talk program by Dr. Justine Perry T. Domingo, Assistant Professor at Ateneo de Manila University, Philippines, titled "Beyond Extraction: Pathways to Sustainable Mineral Resource Development in the Philippines."

The program was conducted under the chairmanship of Dr. Som Nath Sapkota, Member of the Scientific and Research Committee of NGS and former Director General of the Department of Mines and Geology (DMG), Nepal. The talk was attended by around 40 participants, including geologists, mining professionals, researchers, and students.

Figure 1 Highlights from the NGS Talk Program where Dr. Domingo presented his research on sustainable mineral research development, joined by partici–pants from across the geoscience community

Dr. Domingo highlighted key environmental challenges associated with both large-scale and small-scale mining, emphasizing sustainable mineral resource development, environmental protection, and policy-relevant scientific approaches. Drawing from experiences in the Philippines, the presentation provided valuable insights applicable to the Nepalese mining sector.

The presentation was followed by a lively discussion and question–answer session, focusing on environmental issues in the mining sector, regulatory challenges, and best practices for sustainable mining. Participants actively engaged in the discussion, which was considered highly informative and beneficial for strengthening environmentally responsible mining practices in Nepal.

Talk Program 3: Nepal Geological Society Organizes Talk on InSAR-Based Subsidence Monitoring and Himalayan River Aggradation

The Nepal Geological Society (NGS) successfully organized its third talk program under its ongoing Talk Program Series on 11 December 2025, featuring an insightful presentation by Dr. Daisy Huang, Daphne Jackson Fellow at the University of Edinburgh, United Kingdom. The program was conducted online and coordinated by Dr. Subodh Dhakal, Coordinator of Scientific and Research Committee of NGS as part of its regular knowledge-sharing initiative for the geoscience community.

Dr. Huang delivered a talk titled "Expanding InSAR Capabilities: Subsidence Monitoring and a New Topographic-Phase Approach to Millimetre-scale Himalayan River Aggradation Rates." Her presentation focused on the application of Interferometric Synthetic Aperture Radar (InSAR) for detecting millimetre-scale ground deformation and elevation changes, with particular relevance to urban subsidence and fluvial processes in the Himalayan region.

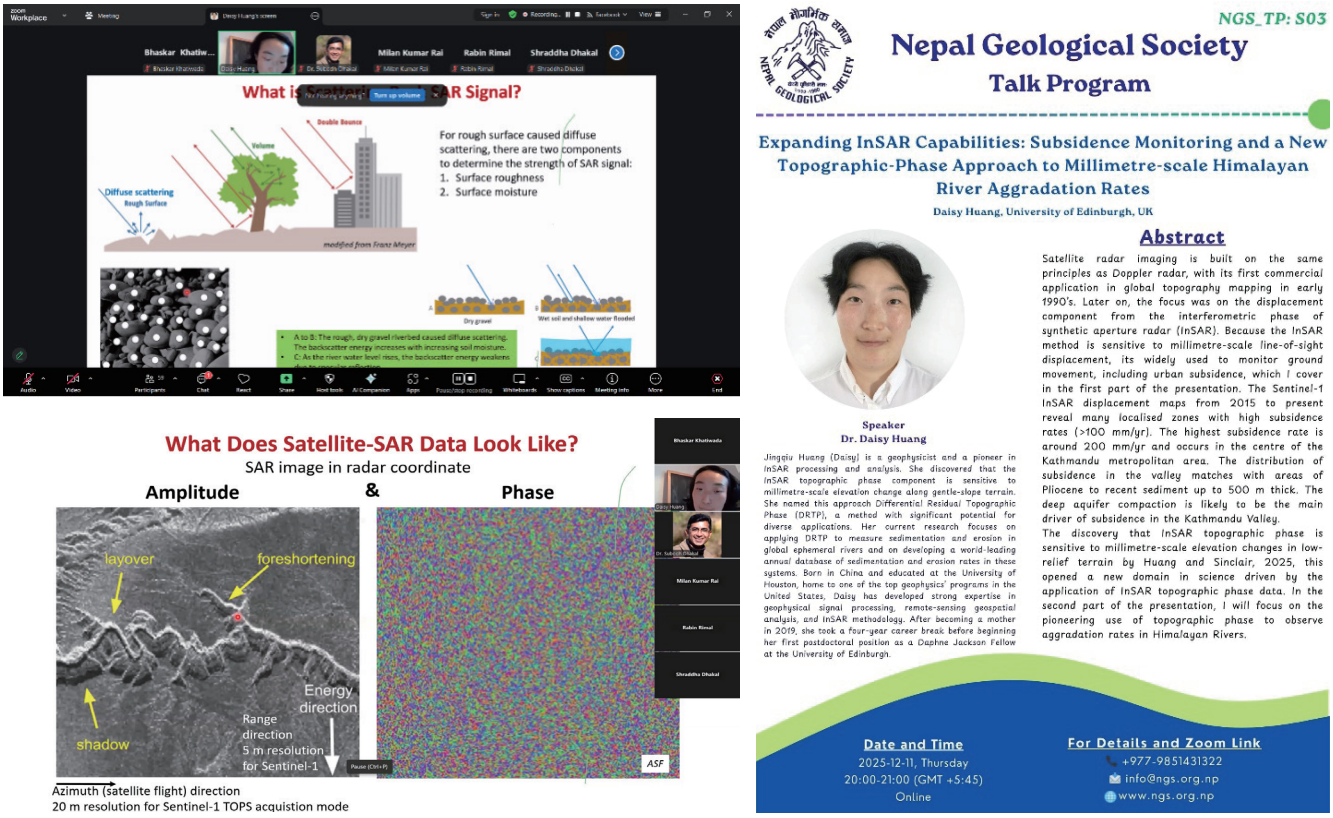


Figure 1 Dr. Daisy Huang delivering her presentation during the Nepal Geological Society Talk Program

The program was attended by more than 60 participants, including geoscientists, engineers, researchers, students, and professionals from academia, government agencies, and the private sector. The session was highly interactive, with participants actively engaging in discussions on urban subsidence, groundwater management, river dynamics, and the future application of InSAR-based techniques in Nepal and the wider Himalayan region.

NGS continues to serve as an important platform for scientific exchange through its regular talk programs. This session provided valuable insights into advanced remote sensing applications and reinforced the importance of integrating cutting-edge geospatial technologies into geoscience research and hazard assessment in Nepal.

Training 1: Nepal Geological Society Conducts Training on Citation and Referencing

The Nepal Geological Society (NGS), Nepal Chapter of the International Association for Engineering Geology and the Environment (IAEG), successfully conducted a one-day training program on **"Citation and Referencing"** under the NGS Training Series-1 on 19 December 2025 at the Water Resources and Energy Research Center (WRERC), Pulchowk, Lalitpur. The training was organized for early career researchers, NGS members, and well-wishers who are new to research and scientific writing.

The program was inaugurated by Mr. Sanjib Baral, Executive Director of WRERC, and was organized in collaboration with WRERC, with support from the Nepal Geological Students' Society (NGSS). The training was delivered by Dr. Ananta Man Singh Pradhan, Senior Divisional Engineering Geologist at WRERC, and was facilitated by Mr. Prachanda Gautam, Member of the Training and Capacity Building Committee of NGS.

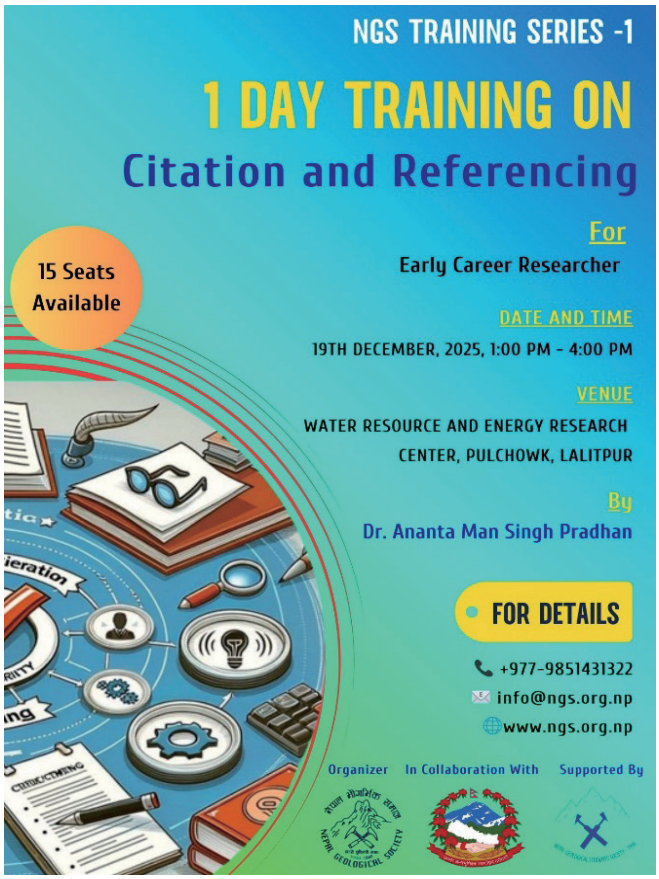


Figure 1 Highlights from the NGS Training Program on Citation and Referencing

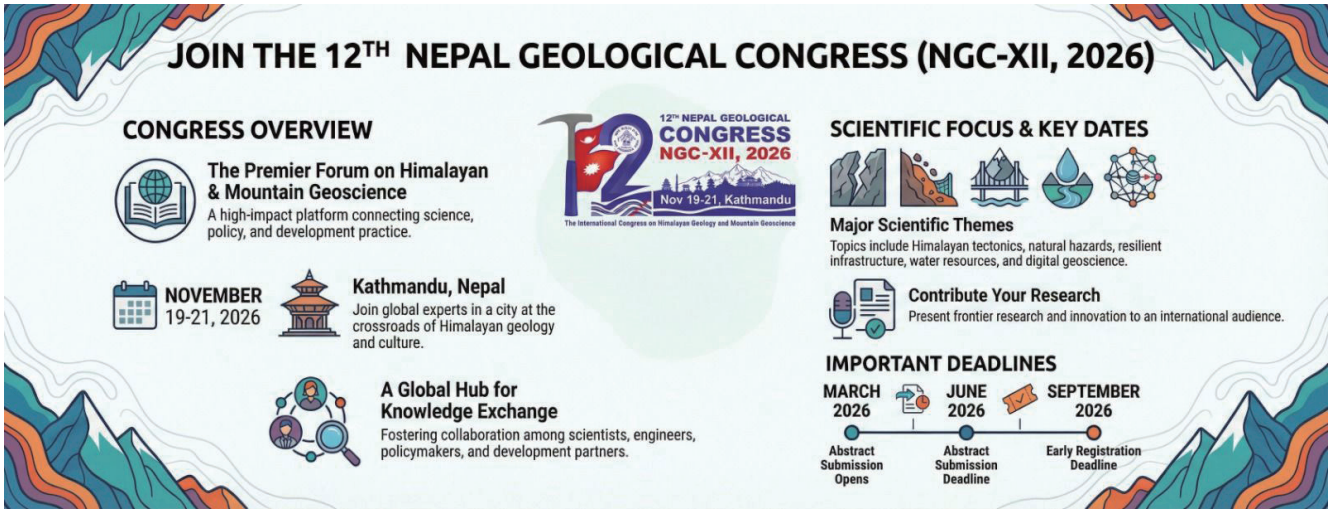
A total of 16 participants attended the program, including 14 participants from NGS and NGSS; and 2 participants from WRERC. The training focused on the principles and best practices of citation, referencing, and reference management, aiming to strengthen research ethics and improve the quality of scientific writing among early-career geologists and researchers.

The program was well received by the participants and was considered highly useful for enhancing academic writing skills and research professionalism. NGS continues to organize such capacity-building activities to support young professionals and promote quality research within the geological community.

Nepal Geological Society Announces the 12th Nepal Geological Congress (NGC-XII, 2026)

The Nepal Geological Society (NGS) has announced the 12th Nepal Geological Congress (NGC-XII, 2026), to be held from 19-21 November 2026 in Kathmandu, Nepal. The Congress will be organized as an international forum on Himalayan geology and mountain geoscience under the theme "**Advancing Himalayan Geoscience for a Resilient, Sustainable and Resource-Secure World.**"

Situated at the heart of the active Himalayan orogenic belt, Nepal provides a unique natural laboratory for research on engineering geology, natural hazards, tectonics, climate change, water resources, and resilient mountain infrastructure. NGC-XII aims to bring together international scientists, engineering geologists, practitioners, policymakers, and early-career researchers to exchange knowledge and strengthen global collaboration.



The Congress program will include plenary and keynote lectures, oral and poster sessions, panel discussions, student forums, and Himalayan geological field excursions. Abstract submission is scheduled to open in March 2026.

Through NGC-XII, NGS seeks to strengthen the role of geoscience and engineering geology in disaster risk reduction and sustainable development in mountain regions worldwide.

Please refer to https://www.dropbox.com/scl/fo/77b4j88y11ho2gn19bc9r/ALKZEcFrNAau9wA7TXCwIKs?rlkey=ojjrqgumsf4cbb6py5xwla69c&st=890zh9b1&dl=0 for the video announcement and the first circular of the congress.

NIGERIA

Nigerian Association for Engineering Geology and the Environment

National Secretariat: 13 Olufunmilola Okikiolu Street, Ikeja, Lagos
Email Address: naegesecretariat@gmail.com
Telephone Number: 08025328512, 07033430195

31st December 2025.
The President, IAEG, through the Secretary General,
IAEG Secretariat,
Shaoxing University,
No. 508 Huanchengxilu, Shaoxing, Zhejiang Province, 312000, China.

Dear Professor Faquan WU,

NOTIFICATION OF CHANGE IN NAEGE EXECUTIVE COMMITTEE

We write to formally notify you of the change in the Executive Committee of the Nigerian Association for Engineering Geology and the Environment (NAEGE). The election of the new executive members was conducted during the NAEGE Conference held at Tayo Adenirokun Auditorium, (University of Lagos Guest House and Conference Centre), Lagos State.
The newly elected Executive Committee will assume office effective January 2026. Kindly find below the list of the new executives and their respective portfolios:

1. Prof. (Mrs.) Salome WAZIRI, FNAEGE, FNAH - President/Chairman of Council
2. Prof. Steven OBRIKE, FNAEGE - Vice President (North)
3. Dr. Richardson Bayo AKINSHIPE, FNAEGE - Vice President (South)
4. Dr. (Mrs.) Attah FAKEYE, FNAEGE - General Secretary
5. Dr. (Mrs.) Vivian OZOEKWE, FNAEGE - Asst. Gen. Secretary
6. Prof. Okechukwu P. AGHAMELU, FNAEGE - Treasurer
7. Dr. (Mrs.) Hannatu Wazoh - Financial Secretary
8. Mr. Folorunsho OLUYEGE - Asst. Fin. Secretary
9. Mr. Adebayo Olaniyi AFOLABI - Publicity Secretary/PRO
10. Engr. Pauline Uju OBI, FNAEGE - Social Sec/Special Duties
11. Prof. Ebiegberi OBORIE, FNAEGE - Editor-In-Chief
12. Dr. Charles OYELAMI, FNAEGE - Deputy Editor-In-Chief
13. Miss Mofesolamisi ELUSAKIN - YEG Representative
14. Dr. Waliu Olukayode ADEOLU, FNAEGE - IPP
15. Prof. T.K. S. ABAM, FNAEGE, FNAH, FNMGS - Ex – Officio

We trust that the new leadership will continue to strengthen the collaboration between NAEGE and IAEG, and we look forward to your continued support.

Yours Faithfully.

Lukman A. Azeez
For: National Secretariat.

Executive Committee

Dr Waliu K. Adeolu President	Prof. Salome Waziri V.P.(North)	Dr Fidelis Abija V.P.(South)	Mr Lukman Azeez General Secretary	Dr M. Amanaba Ass. Gen. Sec	Dr Attah Fakeye Treasurer	Dr Vivian Ozoekwe Fin. Sec.	Prof. Steve Obrike Ass. Fin. Sec
Mrs B. Aluko Pub. Sec/PRO	Mr Frank Ikuewan Social Sec/SP	Prof. I Ovediran Editor-in-Chief	Dr Ebiegberi Oborie Dep. Editor-in-Chief	Prof. Moshood Tijani IPP/EX-OM	Prof. M.N. Tijani V.P.Africa IAEG	Prof. Gabriel Adeyemi Trustee/Ex-Officioi	

****PERU****

Discover the impactful work of WEG in Latin America and the Caribbean

Alejandra (Chile), Mónica (Bolivia) and Sandra (Peru) are geological engineers who lead their national IAEG groups and actively promote EDI initiatives across the region. Their stories highlight resilience, leadership, and technical excellence, showcasing how women are driving innovation and strengthening engineering geology in LAC.

Posters of Introductions for WEG Leaders in Latin America

SLOVENIA

Report regarding the Engineering geological section of the Slovenian Geotechnical Society SloGeD (regarding the IAEG activities):

8th Conference of Slovenian Geotechnicians and 24th Šuklje Day (1 to 3 October 2025, Rogaška Slatina, Slovenia)

8th conference of Slovenian Geotechnicians

- Mateja Jemec Auflič, Ela Šegina, Jaka Dujc: Deformations and cracks in rocks due to thermal effects
- Andraž Geršak, Katarina Žibret, Dušanka Brožič, Laura Vovčko, Borut Petkovšek, Pavel Žvanut, Stanislav Lenart: Peer reviews within the framework of the State Technical Office due to the disaster in August 2023

Invited lecture, 24th Šuklje Day

- Dr. Galena Debevec Jordanova: Use of InSAR for monitoring the stability of slopes and structures

Annual reports

- Timotej Verbovšek, President of the Section for Engineering Geology: Annual report of the Section for IG and plan for 2026
- Suzana Svetličič, President of SloGeD: Annual report of SloGeD and plan for 2026

Awards:

- Dr. Borut Petkovšek was awarded the title of honorary member of the society.

Participation:

- The event was attended by 16 geologists out of a total of 125 participants.

Full report regarding all of the activities of the Slovenian Geotechnical Society SloGeD on the same event:

8th Conference of Slovenian Geotechnicians and 24th Šuklje Day

The Conference of Slovenian Geotechnicians is a traditional event of the Slovenian geotechnical profession organized by the Slovenian Geotechnical Society SloGeD. The conference is usually organized every four years, but due to the pandemic, it was held this time after a nine-year break and took place from 1 to 3 October 2025 in Rogaška Slatina. The event was attended by 125 participants, mostly domestic experts, but colleagues from neighboring countries: Austria, Hungary and Croatia also responded to the invitation.

The topic of this conference was very current: Geotechnics facing the challenges of climate change. Given the topic, it was a particular pleasure and honor for us that Professor Lyesse Laloui, Vice President of the international association ISSMGE for Europe, opened the professional part of the conference with an introductory lecture "Revolutionizing Foundations: Advances in Thermo-Active Piling Engineering". Professor Laloui presented the technology of geothermal piles, whose specialty is that in addition to their basic function of deep foundation, they perform an additional task in heating or cooling buildings. In an extremely interesting lecture, theoretical foundations, technological features, design concepts and practical examples of use were presented.

The event continued with presentations of contributions from the conference proceedings, which were arranged in four sections. The contributions covered a wide range of areas, with the greatest emphasis on the use of geosynthetics in geotechnics, geotechnics in transport

infrastructure and laboratory research. A particularly strong impression was also left by presentations of geotechnical projects that are in the implementation phase or have already been completed: the Vilharia construction pit and the Karepovac landfill (both Elea iC) and the Oblaz and Lokev tunnels (both IRGO). All contributions were well-prepared, interesting and often gave rise to discussion. The liveliest discussions thus developed on the topic of anchoring, quality control of geosynthetics and the quality of geological-geotechnical projects in the context of flood rehabilitation in 2023. Most of these discussions concluded with the conclusion that a separate event, such as a workshop, training course or special lecture, would need to be organized on each topic. It was also encouraging to look at the list of authors, which proves that the best results are achieved through cooperation and teamwork, especially when several research institutions join forces or when the experience of older colleagues is combined with the fresh ideas and enthusiasm of younger colleagues.

The workshop entitled "New Generation of Eurocodes, Technical Specifications and Standards in Geotechnics", which followed the fourth section, attracted an exceptionally high level of interest. In it, prof. Loretta Batali, a leading expert on Eurocode 7, presented the innovations brought by the new version of the standard, which will enter into force in 2028. After the presentation, the participants were of the opinion that the lecture was extremely informative and useful, and a great enrichment of this consultation.

After the conclusion of the morning's professional work, a meeting of the SloGeD association members was organized, at which the president of the association and the presidents of the four sections presented past and future activities. On this occasion, the association honored three of its long-standing members who have left a special mark on Slovenian geotechnics and have recently concluded their professional careers. Thus, the meeting of members unanimously appointed Dr. Stanislav Škrabl, Dr. Borut Petkovšek and Gorazd Strniša as new honorary members of the association. We congratulate the newly elected honorary members once again and wish them all the best, and despite their retirement, we hope that they will be able to continue sharing knowledge and experience.

The afternoon session of the second day was dedicated to the most solemn part of the conference, the 24th Šuklje Day. This time, the Šuklje lecture was given by Prof. Matthew Coop from University College London, and its title was "From Continuum to Particulate Mechanics in Coarse Grained Soils". Professor Coop, who has dedicated his career to the development of laboratory measurements and research into the mechanics of sands, in his inspiring lecture walked from the shortcomings of existing material models for sands, through examples of failures that were a result of these shortcomings, to new theoretical knowledge that led to the development of new testing methods and ultimately to new material models. Professor Coop thus estimates that in the treatment of sands, particle mechanics will replace finite element mechanics in the near future, or in layman's terms: sand grains will become "finite elements".

The domestic invited lecturers were Dr. Galena Debevec Jordanova from the Ministry of Natural Resources and Spatial Planning, who gave a lecture entitled "Use of InSAR for Monitoring the Stability of Slopes and Structures", and Dr. Rok Varga from the Faculty of Civil Engineering, Transport Engineering and Architecture, University of Maribor, who gave a lecture entitled "Optimal Design of Geothermal Piles".

Invited Lectures at Slovenian Geotechnicians Conference

VIETNAM

The VietGeo2025 Conference was successfully held at Tra Vinh University on October 24–25, 2025. The conference brought together 150 delegates and guests from more than 40 institutions, universities, and research institutes across Vietnam.

The event featured four keynote presentations in the plenary session and two specialized sub-sessions, with many reports focusing on issues related to sustainable development in the Mekong Delta region.

The conference proceedings, containing 75 research papers, have been published with an ISBN index.

Assoc. Prof. Dr Nguyen Minh Hoa Rector of Tra Vinh University

Assoc. Prof. Dr Ta Duc Thinh Chairman of VAEGE

All Attendees at the Conference

6.
NEWS OF COMMISSIONS

COMMISSION 24,29,37,40

IAEG Joint Workshop Held During ARC-15

On November 26th, the IAEG Joint Workshop was organized during the ARC-15 conference in Kathmandu, Nepal. This workshop was initiated by Prof. Shengwen Qi, Vice President for Asia of IAEG, and joined by several IAEG Commissions in Asia: C24 (Neotectonics and Geohazard), C29 (Structure and Behavior of Soil and Rock Mass), C37 (Landslide Nomenclature), and C40 (Engineering Geomechanics for Rock Mass), as well as Asian National Groups (WEG) including those from Bangladesh, Nepal, and China.

In the opening session, Prof. Ranjan Kumar Dahal (Vice President for Asia of IAEG, President of NSEG, and Convener of ARC-15), Dr. Anthony Bowden (Vice President for Australia of IAEG), and Prof. A.T.M. Shakhawat Hossain (President of the Bangladesh National Group and Convener) were invited to deliver warm welcome addresses. As key members of the Commission Evaluation team, Prof. Ranjan and Dr. Anthony also shared their views on the activities of the Commissions. Prof. Yongshuang Zhang, Secretary General of C24—the first Commission established in Asia—spoke on behalf of the Commissions.

Following self-introductions from all other participants, the Commissions presented their work reports. Discussions included many suggestions regarding cooperation, detailed future planning, and the involvement of young engineers, particularly female engineering geologists. National Groups (WEG) then shared their reports. All participants expressed their desire for more communication and exchange among WEG members and hoped to promote WEG activities during ARC-15. There was a consensus that such joint workshops should be held regularly and should invite more representatives from Commissions, National/ Regional Groups, as well as the Young Engineering Geologists (YEG) and WEG networks.

Group Photo

COMMISSION 40

The Training Course on "Application Technology of Statistical Rock Mechanics" held in Xiong'an, China.

The training course *Application Technology of Statistical Rock Mechanics* was successfully held by Commission 40 in Xiong'an on October 17, 2025.

Group photo of the participants of the training Course

The training courses was chaired by Prof. Bao Han from Chang'an University. Prof. Bao emphasized that with the increasing scale and complexity of modern engineering projects, digitalization and intelligentization have become pressing industry demands. The digital technology system for engineering developed by Prof. Wu Faquan's team directly addresses these challenges by introducing a groundbreaking method for rock mass engineering evaluation in major construction projects.

Training Course delivered by C40 SG Prof. Bao

The workshop was held in a hybrid format, combining online and offline participation with theoretical instruction and hands-on practice, providing effective learning pathways for all attendees. Offline, it attracted over 50 participants from universities, research institutes, survey and design organizations, and instrument development companies, who engaged in in-depth learning of intelligent and convenient solutions for rock mass engineering investigation. The training introduced an integrated industrial workflow tool that combines digitalization and intelligentization of rock masses. This system is dedicated to transforming traditional geological information of rock masses into a visualized "parameter field," enabling precise analysis, prediction, and evaluation of engineering properties such as rock mass structure, deformation, strength, and hydraulics. It provides a scientific and reliable tool for deformation and stability analysis in rock mass engineering.

Training Course delivered by C40 President Prof. Wu

The training course was structured around three core modules: the Backpack Laboratory System for Rock Mechanics, the Rock Mass Parameter Calculation System, and Engineering Application Cases. Professor Bao Han introduced the theoretical foundations of engineering rock mass digitalization. Professor Wu Faquan interpreted the relevant CSRME group standard, supplemented with case studies. Postdoctoral Fellow Wang Tianmin and Dr. Wu Jie focused on the SMRM numerical computation technology and the cloud computing platform. Dr. Guan Shenggong presented extensive application cases of the SMRM cloud platform from large-scale engineering practices. Dr. Wu Jie led team members in a live demonstration of the backpack laboratory equipment, cloud platform, and mobile APP. The hands-on session was highly interactive, with in-depth discussions between participants and the R&D team on software, equipment, and engineering applications.

Demonstration of the backpack laboratory equipment system by Dr. Jie Wu

Prof. Wu Faquan expressed his sincere welcome for feedback from all participants, emphasizing its importance in further refining and optimizing the system. The attendees, drawing on the specific application needs of their respective industries in engineering investigation, engaged in productive discussions with Professor Wu to explore potential future functionalities of the system. This exchange generated valuable ideas for its more scientific and effective application in future engineering practices.

Following the training, the R&D team established an online communication group with all participants to facilitate long-term technical exchange and collaboration. The successful conduct of this training course not only promoted these cutting-edge digital technologies for engineering rock mass but also established an efficient platform for deeper integration across industry, academia, research, and application.

On–site discussions between the attendees and research team

7.
2025 MEMBERSHIP UPDATE

By December 30, 2025 the number of IAEG memberships is 6620 from 74 national/ regional groups.

VP	No.	NG	total	Associate members
Anthony Bowden	1	Australia	520	
	2	New Zealand	815	
Janusz Wasowski	3	Albania		
	4	Austria	21	
	5	Bulgaria	10	
	6	Croatia	29	
	7	Cyprus		
	8	France	103	7
	9	Georgia	14	
	10	Greece	84	
	11	Hungary		
	12	Italy	134	
	13	Portugal	63	1
	14	Romania	23	
	15	Serbia		
	16	Slovenia	48	
	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		
	33	Poland	30	
	34	Russia	89	
	35	Slovak Republic	10	

VP	No.	NG	total	Associate members
Helen Reeves	36	Sweden	48	
	37	Uzbekistan		
Moshood N. TIJANI	38	Algeria	5	
	39	Cameroon		
	40	Kenya		
	41	Nigeria	100	
	42	South Africa	171	
	43	Morocco	8	1
Julien Cohen-Waeber	44	Canada	96	
	45	USA	224	
Francisco de Jorge	46	Argentina	24	
	47	Bolivia	18	
	48	Brazil	516	
	49	Chile	65	
	50	Colombia	9	
	51	Costa Rica	19	
	52	Mexico	17	
	53	Paraguay	40	
	54	Peru	45	
Ranjan Kumar Dahal & YongSeok SEO	55	Bangladesh	72	
	56	Bhutan	21	
	57	China	833	
	58	Chinese Taipei	97	
	59	Cambodia	22	
	60	Hong Kong	9	
	61	India	121	
	62	Indonesia		
	63	Iran	31	
	64	Iraq		
	65	Japan	81	6
	66	Korea	19	
	67	Malaysia	23	
	68	Mongolia	27	
	69	Myanmar		
	70	Nepal (NGS)		
		Nepal (NSEG)	534	
	71	Pakistan	55	
	72	Singapore	130	
	73	SEAGS	5	
	74	Vietnam	31	
Individual Member			5	
Associate Member			3	
Total			**6620**	**15**

8.
IAEG CONGRESS

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_2 sequestration, energy storage, geothermal energy, wind energy, hydropower, and nuclear energy.

https://www.iaeg2026.org

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 **o**f **E**ngineering **G**eology and the Environment: 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.

High visibility for your work

All accepted 250-word abstracts will be published in the open-access *IAEG 2026 Book of Abstracts*.
Optional papers will:

- receive individual DOI numbers,
- be published free of charge in the open-access IAEG 2026 Congress Proceedings, and
- be submitted for indexation in Scopus or an equivalent database.

Important dates

01 Feb 2025	Call for 250-word Abstracts
01 July 2025	**Abstract Submission Deadline**
15 July 2025	Notification of Abstract Acceptance
01 Sep 2025	**Abstract Re-submission Deadline**
01 Nov 2025	Call for Papers*
01 Feb 2026	**Paper Submission Deadline** & Registration opening
01 May 2026	Review comments to authors
01 July 2026	**Paper 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

* with or without an already approved 250-word abstract

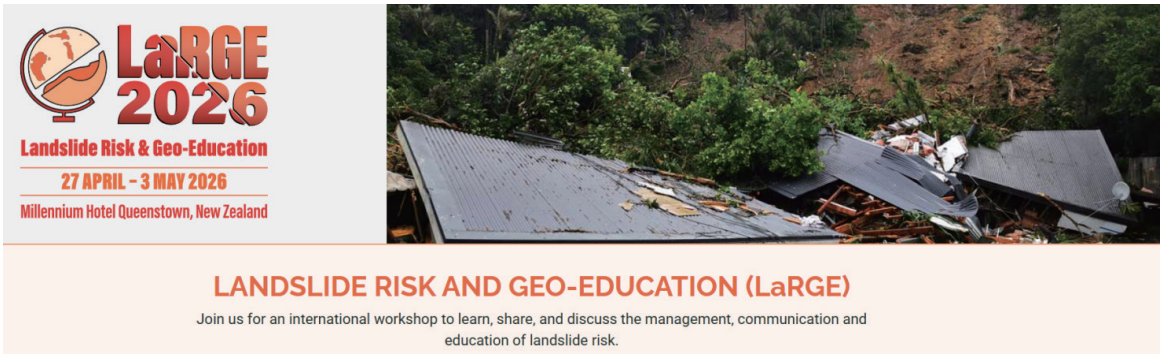
Join the IAEG 2026 congress and let us build solutions for a better tomorrow.

Scientific committee
Leon van Paassen, chair
Denise Maljers, co-chair
Dominique Ngan-Tillard, co-chair

9. MEETING INFORMATION

Queenstown, New Zealand, April 27-May 3, 2026

Landslide Risk and Geo-education (LaRGE)



The New Zealand Geotechnical Society is delighted to invite you to the First International Joint Workshop of Joint Technical Committee 1 and Joint Technical Committee 3 on Landslide Risk Assessment, Communication and Geo-education. We will share the latest research and develop best practice guidelines in the stunning New Zealand city of Queenstown.

Our 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 JTC1 and JTC3 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.

Meeting Information

Website: https://landsliderisk.nz/; Email: large2026@confer.co.nz; Tel: +6443841511

Venue: Millennium Hotel Queenstown

Key Dates:

Deadline for paper submission: 23 November

Notification of paper acceptance, with reviewer feedback: mid-December

Deadline for revised paper submission: 25 January 2026

The EGU26 call for abstracts is open, so ensure you submit your abstract by **15 January 2026, 13:00 CET**! Read our December Update in detail to get a head start on preparing for

your EGU General Assembly in 2026, to be held 3–8 May, in Vienna and online.

The EGU General Assembly 2026 brings together geoscientists from all over the world to one meeting covering all disciplines of the Earth, planetary, and space sciences. The EGU aims to provide a forum where scientists, especially early career researchers, can present their work and discuss their ideas with experts in all fields of geoscience.

Website: https://www.egu26.eu/

2026 International Summer School in the Kokomeren River Basin (Kyrgyzstan) on August 10-25, 2026

News/Kyoto Commitment

Landslides
DOI 10.1007/s10346-025-02642-4

Alexander Strom · Kanatbek Abdrakhmatov

2026 International summer school on rockslides and related phenomena in the Kokomeren River basin (Kyrgyzstan) (ICL Kokomeren summer school) and workshop on natural hazards

The JSC "Hydroproject Institute", Moscow, Russia, and the Institute of Seismology of the National Academy of Sciences of the Kyrgyz Republic, Bishkek, Kyrgyzstan, are announcing the 2026 field training course "International Summer School on Rockslides and Related Phenomena in the Kokomeren River Basin" (Kokomeren Summer School). The Summer School is supported by the International Consortium on Landslides (ICL), International Program on Landslides (IPL Project C106–2), and the Almaty UNESCO Cluster office. It will be combined with a workshop where participants can present the results of their studies of rock avalanches and other hazardous natural phenomena.

Rockslides and rock avalanches are among the most hazardous natural phenomena in mountainous regions. About 20 such features, ranging in volume from several million to more than 1 billion cubic meters, are concentrated in the Kokomeren River basin (Central Tien Shan) within a limited area of about 100 × 50 km, at a one-day trip distance from Bishkek – the capital city of Kyrgyzstan. Most sites are located near the roads along the Kokomeren River and its tributaries and require several hours of driving from the base camp and 1–8 km of hiking with up to 300–500 m raise to reach them. Such daily field trips require the participants to be physically fit.

The ICL Kokomeren Summer School aims to demonstrate rockslides of various types, most of which have converted into flow-like rock avalanches. Some are characterized by up to 5–6 km long runout; others formed natural dams, either intact or deeply eroded. Various methods of their identification, mapping, and dating, as well as the detailed examination and analysis of the internal structures and grain-size composition of rockslide and rock avalanche deposits will be demonstrated.

Due to the arid climate and sparse vegetation, rockslide morphologies are well preserved and recognizable. Some rockslide deposits up to 400 m thick have been wholly dissected by erosion so that their internal structure can be studied in detail. Several massive landslides in weakly lithified deposits in the neotectonic depressions and evidence of valley inundation caused by rockslide damming and associated outburst floods will also be demonstrated. Besides numerous rockslides and landslides, the study area provides impressive manifestations of the Neotectonics and Quaternary tectonics, such as active faults, one of which was ruptured during the 1992 M7.3 Suusamyr earthquake, and numerous examples of tilted and folded pre-Neogene planation surfaces. One of the training course topics is the paleoseismological interpretation of large rockslides and rock avalanches. The detailed full-color Summer School guidebook can be downloaded from the ICL homepage: www.landslides.org (Publications/Leaflet and Proceedings/GuideBooks/Landslide Field School Guidebook). The Kokomeren River basin is a beautiful area with kind and hospitable people.

The training course will be held from **August 10 to August 25, 2026**. The base camp will be placed in the guesthouse in the Kyzyl-Oi village, where we will stay in rooms for two to five persons. The electricity, running water, hot shower, and Wi-Fi Internet connection will be available. The participation fee is **EURO 900** (or equivalent amount in Kyrgyz soms, US dollars, Russian roubles, or Chinese yuan), which includes all costs at the site: camping, food, local transportation, and a detailed full-color guidebook. The fee should be paid in cash upon the participants' arrival. Please note that some foreign cards do not work in Kyrgyzstan, so bring cash with you. Cash receipt vouchers and certificates confirming attendance at the ICL Kokomeren Summer School course will be provided.

Organizers will provide help obtaining visas if necessary. Please check if you need a visa to come to Kyrgyzstan. The list of countries whose citizens do not need visas to visit Kyrgyzstan is available at http://www.centralasia-travel.com/en/countries/kirgistan/visas. Those who have to apply for a visa should send a copy of their passport to organizers **before May 1, 2026**.

Participants should **arrive in Bishkek on the morning of August 10 or earlier**. They will be picked up at the arrival desk of the Bishkek airport. Bishkek is connected with Moscow, Almaty, Tashkent, Istanbul, Urumchi, Dubai, and Delhi by direct flights. Organizers will arrange accommodation (not exceeding €50 per night) for participants arriving before August 10 or departing after August 25. The cost of the hotel/hostel in Bishkek for one night from August 24 to August 25 (up to €50 per night) booked by organizers is included in the registration fee.

Alexander Strom (✉)
Research Institute of Energy Structures – Branch of JSC "Hydroproject Institute", Volokolamsk Highway, 2, 125993 Moscow, Russia
Email: strom.alexandr@yandex.ru

Kanatbek Abdrakhmatov
Institute of Seismology, National Academy of Science, A. Tokombaev st., 7/8, Bishkek 720060, Kyrgyzstan
Email: kanab53@yandex.ru

Published online: 18 October 2025

Please refer to
https://www.dropbox.com/scl/fi/4s642z92o0wcnjpzdfxdw/2026_Summer-School-Announcement.pdf?rlkey=63kviqkpf6xfo9hhbnjqxxc1x&st=dauvly6q&dl=0
for the information.

10. CONTACT INFORMATION

IAEG EXECUTIVE COMMITTEE 2023-2026

Vassilis Marinos School of Civil Engineering - Geotechnical Department National Technical University of Athens (NTUA) 9, Iroon Polytechniou Street, 157 80 Zografou **GREECE**	Mob: +30 6944833898 Fax: +30 2310 998530 Mail: marinosv@civil.ntua.gr	President
Rafig Azzam Engineering Geology RWTH Lochnerstr. 4-20 52064 Aachen **GERMANY**	Tel: + 49 241 8095741 Fax: + 49 241 8092280 Mail: azzam@lih.rwth-aachen.de	Immediate past president
WU Faquan Shaoxing University No.508 Huanchengxilu Shaoxing City, Zhejiang Province **CHINA**	Tel: + 86-0575-88346551 Fax: + 86-0575-88346551 Mail: iaegsg@163.com	Secretary general
Jean-Alain Fleurisson MINES Paris – PSL University Centre de Géosciences. 35, rue Saint Honoré. 77305 Fontainebleau **FRANCE**	Tel: +33 1 64 69 48 13 Mob: +33 6 67 91 73 10 Mail: jeanalain.fleurisson@gmail.com	Treasurer
Moshood N. TIJANI (Hydrogeologist/Environmental Geologist) Department of Geology, University of Ibadan, IBADAN **NIGERIA**	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; Cameroon, Kenya Morocco Nigeria; South Africa]
Ranjan Kumar Dahal Central Department of Geology, Tribhuvan University, Kirtipur, Kathmandu 44618 **NEPAL**	Tel: +977 1 4112090 Mob: +977 98510 60464 Mail: rkdahal@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]
Shengwen Qi Beituchengxilu 19, Chaoyang District, Beijing 100029 P. O. Box 9825 **CHINA**	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]
Anthony Bowden 10 Sydney Road East Lindfield NSW, 2070 **AUSTRALIA**	Mob: 0418411749 Mail: anthonyjh.bowden@gmail.com	Vice-president for Australasia [National groups: Australia; New Zealand]

Julien Cohen-Waeber Exponent 15375 SE 30th Place Suite 250 Bellevue, WA 98007 **USA**	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]
Francisco de Jorge Rua Prof. Artur Ramos, 183 Conj. 64, Jardim Paulistano, São Paulo, SP, CEP 01454-011 **BRAZIL**	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]
Janusz Wasowski CNR-IRPI Amendola 122i Bari 70126 **ITALY**	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]
Helen Reeves 74 Hawkstone Ave., Guiseley, Leeds. LS20 8ES **UK**	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]
Stratis Karantanellis Department of Earth and Environmental Science SCALE laboratory, University of Michigan, 2534 North University Building 1100 North University Avenue, Ann Arbor **GREECE**	Mob: +30 6947243602 Mail: skarantanellis@gmail.com	Vice-president for Young Engineering Geologists (YEG) Committee

IAEG EXECUTIVE COMMITTEE EX OFFICIO MEMBERS 2023-2026

George Papathanassiou School of Geology, Aristotle University of Thessaloniki (AUTH) 54124 Thessaloniki **GREECE**	Mob: +306944430466 Mail: gpapatha@geo.auth.gr	Web Editor in Chief Ex officio member
Arindam Basu Department of Geology & Geophysics Indian Institute of Technology Kharagpur, Pin- 721302 India **INDIA**	Tel: +91-3222-283366 Mob: +91-9732527275 Mail: abasu@gg.iitkgp.ac.in abasu.arindam@gmail.com	Bulletin Editor in Chief Ex officio member
Louis N.Y. Wong Department of Earth Sciences The University of Hong Kong Pokfulam Road **HONG KONG**	Mob: +852 67395085 Mail: LNYWONG@hku.hk	Bulletin Editor in Chief Ex officio member
Mark EGGERS Pells Sullivan Meynink G3, 56 Delhi Road North Ryde NSW 2113 **AUSTRALIA**	Tel: +61 2 98125000 Mob: +61 418 677173 Mail: mark.eggers@psm.com.au	Chair of Advisory Board Committee Ex officio member
Jean Hutchinson Dept Geological Sciences and Geological Engineering Miller Hall, 36 Union St Queen's University Kingston, Ontario, K7L 2G8 **CANADA**	Mob: +1 613 770 2623 Fax: +1 613 533 6592 Mail: hutchinj@queensu.ca	Member of Advisory Board Committee Ex officio member
Daniele Giordan CNR-IRPI Strada delle Cacce, 73 10135 Torino **ITALY**	Mob: +39 348 6540198 Fax: +39 011 39.77.821 Mail: daniele.giordan@irpi.cnr.it	Member of Advisory Board Committee Ex officio member
Ann Williams c/- Beca Ltd 21 Pitt St P O Box 6345 Auckland 1141 **NEW ZEALAND**	Mob: +64 21809162 Mail: ann.williams@beca.com	Chair of Women in Engineering Geology (WEG) Committee Ex officio member

IAEG National and Regional Groups

Defrim SHKUPI
President
drusishkupi@gmail.com
ALBANIA

Boulabeiz Mahrez
President
mboulabeiz@univ-khenchela.dz
Daas Amiour Mohamed
Vice President
mohamed.dassamiour@umc.edu.dz
Daifallah Tarek
Secretary
daifallah.tarek@univ-khenchela.dz
ALGERIA

Norberto Jorge Bejerman
President
presidente@asagai.org.ar
ARGENTINA

Tim Thompson
President
chair@australiangeomechanics.org
Jon Gibbs
Secretary
secretary@australiangeomechanics.org
AUSTRALIA

Christian Zangerl
President
christian.J.zangerl@boku.ac.at
Georg Erharter
Secretary
georg.erharter@ngi.no
AUSTRIA

A.T.M.Shakhawat Hossain
President
shakhawathos2004@yahoo.com
Mohammad Feruj Alam
Secretary
ferujgsb@yahoo.com
BANGLADESH

LEGRAIN Hughes
President
h.legrain@bcrc.be
DELHAYE Lionel
Secretary
info@rockengeo.be
BELGIUM

Aleksandr Galkin
President
galkin-alexandr@yandex.ru
Irina Krasovskaya
Secretary
iakrasovskaya@yandex.ru
BELORUSSIA

Karma Tempa
President
karmatempa.cst@rub.edu.bt
Ugyen Dorji
Secretary
ugyendorji.cst@rub.edu.bt
BHUTAN

David Vásquez Torrez
Secretary
davidvasqueztorrez@gmail.com
BOLIVIA

Fabio Soares Magalhães
President
fabio.magalhaes@walmengenharia.com.br
Erik Wunder
Vice President
erik.geomecanica@gmail.com
BRAZIL

Kiril Anguelov
President
angelov@bondys.bg
Ivailo Ivanov
Secretary
bulgeo@dir.bg
BULGARIA

Ligbwah Victor Wotanie
President
ligbwah.victor@ubuea.cm
Tiabou Feudjio Anicet
Secretary
tiaboufa@yahoo.fr
CAMEROON

Rob Kenyon
President
President@cgs.ca
Secretary / Administrator
Lisa Reny
admin@cgs.ca
CANADA

Alejandra Serey Amador
President
Alejandra.serey@uoh.cl
Katherine Toro
Vice President
katherine.toro@gmail.com
Eleonora Muñoz
Secretary
emunoz.emt@gmail.com
CHILE

Tola SREU
President
sreu.tola@gmail.com
Sotheara KONG
Secretary
kongsotheara.edu@gmail.com
CAMBODIA

Faquan Wu
President
wufaquan@mail.iggcas.ac.cn
Shengwen Qi
Secretary
qishengwen@mail.iggcas.ac.cn
P. R. of CHINA

DONG Jia-Jyun
President
jjdong@geo.ncu.edu.tw
YANG Che-Ming
Secretary
stanleyyangcm@gmail.com
CHINESE TAIPEI Regional Group

Monica Fernanda Bedoya-Martinez
President
sociedadcolombianadegeotecnia@scg.org.co
scgeotecnia1@gmail.com
COLOMBIA

Sergio Mora Castro
President
smoracastro@consultarx.com
Randall Carballo Benavides
Secretary
rcarballo.geo@gmail.com
COSTA RICA

Ivan Kosović
President
ikosovic@hgi-cgs.hr
Lovorka Libric
Secretary
llibric@grad.hr
CROATIA

Stavri Pikoula
President
geominescy@gmail.com
Niki Koulermou
Vice-President
niki.koulermou@gmail.com
CYPRUS

Gianvito Scaringi
President
gianvito.scaringi@natur.cuni.cz
CZECH REPUBLIC

Jan Dannemand Andersen
President
jda@geo.dk
John Kærgaard Frederiksen
IAEG representative for the Board of the Danish Geotechnical Society
JRF@ramboll.dk
DENMARK

Johannes PELLO
President
Tallinn Technical University
Room III-217 Ehitajate tee 5
Tallin 19086
ESTONIA

Arto Koskiahde
President
artokoskia@gmail.com
Pekka Ihalainen
Secretary/Treasurer
pekka.ihalainen@ykl.fi
FINLAND

Jean-David Vernhes
President
jean-david.vernhes@unilasalle.fr
Johan Kasperski
Secretary
johan.kasperski@developpement-durable.gouv.fr
FRANCE

Zurab Kakulia
President
zukakulia@yahoo.com
Ludmila Glonti
Secretary
GEORGIA

Kurosch Thuro
President
thuro@tum.de
Managing Director
service@dggt.de
GERMANY

Georgios Stoumpos
President
gstoumpos@emetro.gr
Haris Saroglou
Secretary
saroglou@central.ntua.gr
GREECE

Louis N.Y. Wong
President
lnywong@hku.hk
Hong Kong Regional Group

Akos TOROK
President
torokakos@mail.bme.hu
HUNGARY

Aldís Ingimarsdóttir
President
aldisi@ru.is
Haraldur Sigursteinsson
Secretary
hafdis.e.jonsdottir@vegagerdin.is
ICELAND

Mandapalli Raju
President
geolraju@gmail.com
Mridul Srivastava
Secretary
india.seg@gmail.com
INDIA

Imam A. SADISUN
President
imam@gc.itb.ac.id
INDONESIA

M. Fatemi
President
fatemi@khu.ac.ir
Zieaoddin Shoaei
Secretary
zshoaei@gmail.com
IRAN

AQEEL Al-ADILI
President
aqeeladili@hotmail.com
Jaffar Hussain Al-Zubaydi
Secretary
Jafar_hussain68@yahoo.com
IRAQ

Claudio Margottini
President
claudio.margottini@gmail.com
Martina Cignetti
Secretary
segreteria@iaeg.it
ITALY

OSADA Masahiko
President
Nobusuke Hasegawa
Secretary General
iaeg-japan-ng@jseg.or.jp
Daisuke Yamada
Secretary
daisuke_yamada@kk-grp.jp
JAPAN

Zachary Kuria
President
kuriazack@yahoo.com
Dan Odero
Secretary
odero_dan@yahoo.com
KENYA

Saulius Gadeikis
President
saulius.gadeikis@gf.vu.lt
Ieva Lekstutyte
Secretary
ieva.lekstutyte@chgf.vu.lt
LITHUANIA

Abd Rasid Jaapar
President
arjaapar@gmail.com
Afikah binti Rahim
Secretary
info@segrm.org
MALAYSIA

Cecilia Irene Villaserior Reyes
President
presidencia.amerhid@gmail.com
Marlene Vargas Sánchez
Secretary
secretaria.amrh@gmail.com
Treasurer
tesoreroamerhid@gmail.com
MEXICO

BOLORMAA YANSAN
President
bolormaay@must.edu.mn
ERDENETSETSEG ALTANGEREL
Secretary
erkaa5001@gmail.com
MONGOLIA

Sahar EL KASMI
President
s.elkasmi@um5r.ac.ma
Boubker BOUKILI
Secretary
b.boukili@um5r.ac.ma
MOROCCO

Siefko Slob
President
siefko.slob@cohereconsult.com
Dominique Ngan-Tillard
IAEG representative Ingeokring
D.J.M.Ngan-Tillard@tudelft.nl
NETHERLANDS

Bhaskar Khatiwada
President of Nepal Geological Society
geologistvaskar@gmail.com
president@ngs.org.np
Suman Panthee
panthisuman@gmail.com
Chapter Coordinator of Nepal Geological Society
Ranjan Kumar Dahal
Nepalese Society of Engineering Geologists
rkdahal@gmail.com
NEPAL

Philip Robins
President
chair@nzgs.org
Teresa Roetman
Secretary
secretary@nzgs.org
NEW-ZEALAND

Salome Waziri
President
salwaz1969@gmail.com
Lukman Azeez
Secretary
naegesecretariat@gmail.com
NIGERIA

Basit Masub
President
basitgtec@gmail.com
Mian Sohail Akram
Secretary
info.aegp@gmail.com
sohail.geo@pu.edu.pk
PAKISTAN

Sandra Paula Villacorta Chambi
President
villacortasp@gmail.com
Claudia Sanchez
Secretary
clau.san5h@gmail.com
PERU

Juan Nicolás Zabrodiec
President
info@spg.org.py
PARAGUAY

Pawel Dobak
President
p.dobak@uw.edu.pl
Beata Łuczak Wilamowska
Secretary
b.luczakw@uw.edu.pl
POLAND

Paulo da Venda Oliveira
President
pjvo@dec.uc.pt
Magda Roque
Secretary
mcrroque@gmail.com
PORTUGAL

Mihaela Stănciucu
President
stanciucumihaela@yahoo.com
Alexandru Balint
Secretary
alexandruioan.balint@yahoo.com
ROMANIA

Eugene A. Voznesensky
President
arnoldych@gmail.com
Olga N. Eremina
Secretary
sci-council@geoenv.ru
RUSSIA

Danusorn Korkusol
Secretary
seags@ait.ac.th
SEAGS

Biljana Abolmasov
President
biljana.abolmasov@rgf.bg.ac.rs
Vladimir Filipović
Vice President
vladimir.filipovic@sicip.co.rs
SERBIA

Wei Wu
President
wu.wei@ntu.edu.sg
Beatrice Goh
Secretary
srmeg.sg@gmail.com
SINGAPORE

Martin Ondrasik
President
martin.ondrasik@stuba.sk
SLOVAKIA

SUZANA SVETLIČIČ
President
suzana.svetlicic@dri.si
Timotej Verbovšek
Secretary
timotej.verbovsek@ntf.uni-lj.si
SLOVENIA

Robert Leyland
President
president@saieg.co.za
Yolandé van den Berg
Secretary
secretariat@saieg.co.za
SOUTH AFRICA

Hyuk-Jin Park
President
hjpark@sejong.ac.kr
Jaehyung Yu
Secretary
jaeyu@cnu.ac.kr
SOUTH KOREA

Carlos Delgado
President
carlos.delgado@upm.es
Javier Olmedo
Secretary General
SPAIN

Fanny Deckner
President
fanny.deckner@geomind.se
Patrik Vidstrand
Secretary
patrik.vidstrand@befoonline.org
SWEDEN

Diego Pozzorini
President
diego.pozzorini@inggeol.ch
Marco Filipponi
Secretary
marco.filipponi@inggeol.ch
info@inggeol.ch
SWITZERLAND

Remzi Karagüzel
President
remzikaraguzel@gmail.com
Halil KUMSAR
Secretary
kumsarh@gmail.com
TURKEY

Helen Reeves
President
helen.reeves@jacobs.com
UNITED KINGDOM

Paul M. Weaver
President
president@aegweb.org
Paco Gomez
Secretary
manager@aegweb.org
U.S.A.

Yu. D. Magrupov
Chairman
Abdukhalik Saparov
Secretary
info@uzgashkliti.uz
UZBEKISTAN

Ta Duc Thinh
President
taducthinh_dcct@yahoo.com
Pham Huy Giao
Vice President
Giaoph@pvu.edu.vn
hgiao@ait.asia
Nguyen Thanh Duong
Secretary
nguyenthanhduong@humg.edu.vn
VIETNAM

IAEG Commissions

C04 Education
Vassilis Marinos
President
marinosv@civil.ntua.gr

C10 Building Stones and Ornamental Rocks
Björn SCHOUENBORG
President
bjorn.schouenborg@ri.se
Nike LUODES
Secretary
nike.luodes@gtk.fi

C17 Aggregates
Atiye TUGRUL
President
tugrul@iuc.edu.tr
tugrulatiye@gmail.com
Murat YILMAZ
Secretary
yilmazm@iuc.edu.tr

C21 Engineering Geology of Permafrost Regions
Edward Yarmak
President
eyarmak@arcticfoundations.com
Dmitry Sergeev
Secretary
sergueevdo@mail.ru

C24 Neotectonics and Geohazard
Yin Yueping
President
yyueping@mail.cgs.gov.cn
Zhang Yongshuang
Secretary
zhys100@hotmail.com

C25 Use of Engineering Geological Models
Fred Baynes
President
fredb@iinet.net.au

C28 Reliability quantification of the geological model in large civil engineering projects
Antonio DEMATTEIS
President
antonio.dematteis@lombardi.group
Giovanna VESSIA
Secretary
g.vessia@unich.it

C29 Structure and Behavior of Soil and Rock Mass
Shengwen Qi
President
qishengwen@mail.iggcas.ac.cn
Li Lihui
Secretary
lhli2942@mail.igcas.ac.cn

C34 Marine Engineering Geology
JIA Yonggang
President
yonggang@ouc.edu.cn
Liu Xiaolei
Secretary
xiaolei@ouc.edu.cn

C35 Monitoring Methods and Approaches in Engineering Geology Applications
Daniel Giordan
President
daniele.giordan@irpi.cnr.it

C36 Engineering Geology for Waste Disposal
YE Weimin
President
ye_tju@tongji.edu.cn
CHEN Yonggui
Secretary
cyg@tongji.edu.cn

C37 Landslide Nomenclature
Hengxing Lan
President
lanhx@lreis.ac.cn
Renato Macciotta
Secretary
macciott@ualberta.ca
Langping Li
Secretary
iaeg_c37@163.com

C38 Rockmass Characterization with Emphasis in Rock Slope Hazards
Haris Saroglou
President
saroglou@central.ntua.gr
Christian Zangerl
Secretary
christian.j.zangerl@boku.ac.at

C39 Naturally Occurring Asbestos
R. Mark Bailey
President
Mark@AsbestosTEMLabs.com
Francesco Turci
Vice President
francesco.turci@unito.it
Sarah Kalika
Secretary
sarah@georx.net

C40 Engineering Geomechanics for Rock Mass
Faquan Wu
President
Iaegsg@163.com
Han Bao
Secretary
baohan@chd.edu.cn

C41 Cascading Geohazards
Zhenming Shi
President
shi_tongji@tongji.edu.cn
Ming Peng
Secretary
pengming@tongji.edu.cn

C42 Engineering Geology for the sustainable conservation of ancient monuments and archaeologic sites
Claudio Margottini
President
claudio.margottini@gmail.com

C43 Dams & Levees
Visty P. Dalal
President
visty.dalal@maryland.gov
Brian Greene
Secretary
bgreene@gfnet.com