



# IAEG

## NEWSLETTER

Issue No.3, 2023

Website: [www.iaeg.info](http://www.iaeg.info)

Electronic Version

## Cover Story



The Khumbu Glacier, situated in Nepal's Everest region within the Himalayas, is renowned for its dynamic characteristics, showcasing movement and alterations influenced by several factors like rainfall, dead ice melting, and erosion. Lately, regions between 4500 m to 4800 m in altitude of the Himalaya have experienced sporadic intense rainfall, leading to notable erosion of loose glacial deposits. Such heavy rainfalls can significantly wear away the end moraine of glaciers. The increased precipitation can quicken glacier melting by elevating temperatures and encouraging surface melting, a trend observed in recent years within the Khumbu Glaciers. Rainfall directly erodes the glacier's surface, increasing its melt rate. Moreover, excessive rain can carve water channels and paths within the glacier and end moraine, increasing flow rates, potential ice loss, and forming gullies.

The Khumbu Glacier witnesses a significant melting process in its dead ice. Dead ice accumulations at the lower ends or edges of the glacier have notably begun to melt due to fluctuations in temperature and other climatic shifts. This melting of dead ice contributes to the overall reduction in the Khumbu Glacier's mass, impacting its stability.

The complex interplay among rainfall, dead ice melting, and erosion not only alters the size and structure of the Khumbu Glacier but also impacts surrounding water resources, leading to the generation of debris flows and flash floods. Consequently, it attracts the attention of engineering geologists studying climate change impacts in high-altitude regions and associated geodisasters.

Provided by Ranjan Kumar Dahal

IAEG Vice-president



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Edited by the IAEG Secretariat, Shaoxing, China

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# 01. NEWS OF COUNCIL MEETING

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The 2023 IAEG Council meeting was held on September 21st, 2023 in Chengdu, China, during the 14th IAEG Congress. The meeting was organized in hybrid form, 78 representatives attended the meeting both online and on-site. 38 National Groups, 3 IAEG past presidents and 10 Commissions represented at the Council Meeting, the President of ISRM Resat Ulusay and the Secretary General of IGS Laura Carbone also attended the IAEG Council meeting as observers from sister societies.



Onsite 2023 IAEG Council Meeting on September 21st, 2023 in Chengdu, China

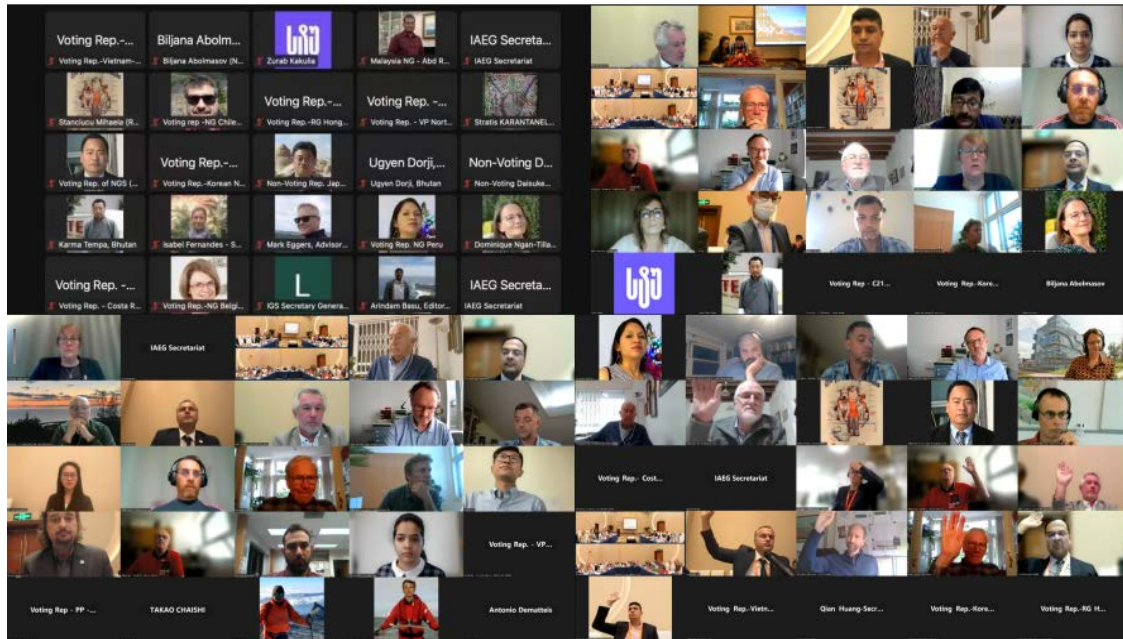
The Executive Committee members made annual reports to the Council, proposals have been presented to the Council for discussions and approval including creating one VP position of YEG in Executive Committee, setting a women in Engineering Geology Committee and adding an ex-officio member in the Executive Committee, Equality Diversity Inclusion Policy, creating new award of best National/Regional Group/Technical Commission of the Year, proposed changes to IAEG Bylaws and Statutes, terms of reference of Paul Marinos Distinguished World Tour Lecture, nominating Giorgio Lollino and Paolo Allasia for Honorary Membership 2023, proposed actions to inactive National/Regional Groups and new National Groups establishment proposals of Bhutan and Pakistan. All the proposals have been voted and approved by the IAEG council.



Onsite 2023 IAEG Council Meeting on September 21st, 2023 in Chengdu, China

Prof. Siefko Slob, chair of Netherlands National Group, presented a proposal of hosting the 15th IAEG World Congress in 2026. The proposed theme of the Congress is "Engineering Geology in a Rapidly Changing World". Two possible venues Delft and Rotterdam have been introduced to the council for considering as the congress venue. The Council has approved Netherlands as the host of 15th IAEG Congress in 2026 unanimously.

Representatives also reported to the Council on the organizing progress of upcoming IAEG regional conferences in 2024 and 2025 including the 4th European Regional Conference, 2nd Latin American Regional Conference and 4th African Regional Conference. The Council voted on the host of 2024 IAEG Executive and Council meetings between Croatia and Chile, finally Croatia won the host right of the Executive and Council meetings in 2024 in conjunction with the 4th European Regional Conference.



Online 2023 IAEG Council Meeting on September 21st, 2023 in Chengdu, China

Prof. Shengwen Qi, Secretary General of IAEG China National Group, reported the organizing progress of the 14th IAEG Congress with an expected number of participants around 1200, including over 200 overseas participants from more than 40 countries and regions, especially IAEG/YEG Members about 170. The report covered IAEG activities such as ExCom and Council meetings, YEG activity, Asian NG/RG meeting, BOEG Session, 3 workshops of Commissions, warding ceremonies on IAEG awards. Prof. Qi further introduced the 11 Keynote Speeches, 116 Oral Sessions, 3 Training Course with 439 full papers and 1182 abstracts accepted among 12 themes and 67 sessions after optimization, and shared the information about proceedings publication, 2 city tours, 4 field trips, fee structure and other organization works.

The President of IAEG, Vassilis Marinos reported to the Council on several proposed actions to celebrate the 60th anniversary of IAEG in 2024, including preparing media and promotional materials, publication of a special issues in BOEG and organizing celebration activities at all IAEG regional conferences in 2024.



Group Photo of 2023 IAEG Council Meeting on September 21st, 2023 in Chengdu, China

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## 02. NEWS OF IAEG EVENTS

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### XIV IAEG Congress

XIV IAEG Congress was held on September 22-25, 2023 in Century City International Convention Center, Chengdu, China. More than 1,300 representatives from domestic and international universities, research institutions, and production units attended the congress.



Opening Ceremony of XIV IAEG Congress on September 22nd, 2023 in Chengdu, China

The congress featured a total of 11 keynote speeches, 106 oral presentations, 3 workshops, 4 poster sessions, one BOEG meeting, and one IAEG Asian national/regional group meeting. The congress also included the special arrangement of 3 thematic training courses and 3 distinctive field excursions.

The theme of this conference is "Engineering Geology for a Habitable Earth," addressing topics such as engineering geology's relation to global climate change, geological hazard assessment and mitigation, soil and rock engineering, marine, transportation, urban, and ecological environmental issues in major construction projects, engineering geology and resilient construction, smart engineering geology, new theories, new methods, and new technologies in engineering geology research. It aims to advance the development of the international discipline of engineering geology and environmental sciences and contribute to significant engineering projects, ecological civilization, and the creation of a sustainable Earth.

Vassilis Marinos extended a warm welcome to the attendees during the opening ceremony. He expressed the hope that this congress would provide a platform for professionals to brainstorm, collaborate, deepen their understanding of engineering geology and the environment, strengthen association partnerships, and make a greater contribution towards a more habitable Earth for humanity.

President of IAEG, Vassilis Marinos, President of FedIGS, Chungsik Yoo, Director of Engineering Geology Committee Geological Society of China, Huiming Tang, and the president of Chengdu University of Technology Qiang XU, delivered opening speeches at the opening ceremony, respectively.



Vassilis Marinos on the Opening Ceremony



Chungsik Yoo on the Opening Ceremony



Huiming Tang on the Opening Ceremony



Qiang Xu on the Opening Ceremony

### Keynote Speeches

Vassilis Marinos, the president of IAEG, along with Hans Cloos Medal recipients Faquan Wu and J. Louis Van Rooy, delivered keynote speeches. The Congress also featured keynote addresses by leaders of sister societies, including Jinxiu (Jenny) Yan, the president of ITA, Charles Wang Wai Ng, the president of ISSMGE, Resat Ulusay, the president of ISRM, and Chungsik Yoo, the president of FedIGS.

### Award Ceremony

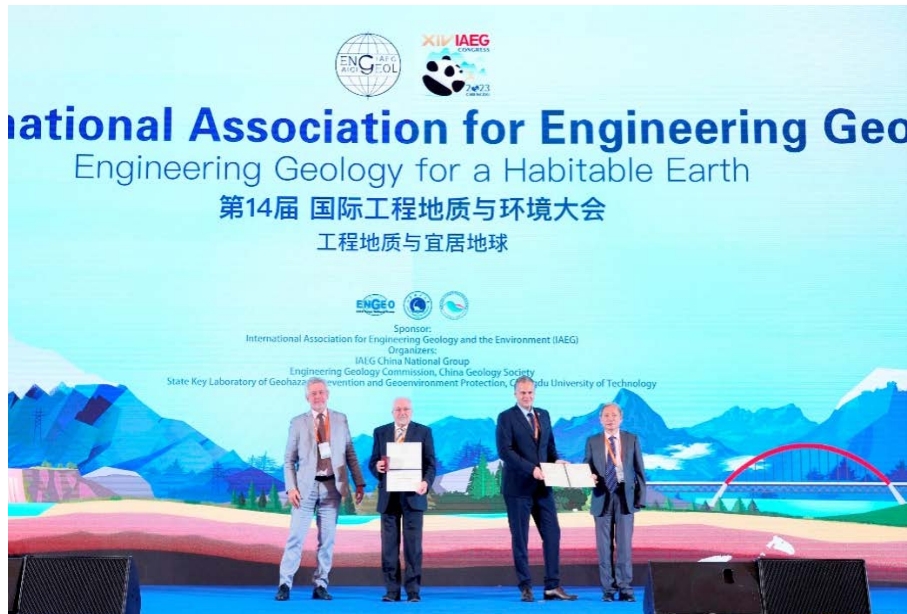
#### \*\*Hans Cloos Medal, Marcel Arnould Medal, and Honorary President\*\*

Faquan Wu was awarded the Hans Cloos Medal for 2020, and J. Louis van Rooy received it for 2022.





Martin Culshaw received the Marcel Arnould Medal for 2020, while Christan Schroeder was the recipient in 2022. Paul Marinos (passed away) was awarded the Honorary President for 2021. Rafiq Azzam accepted the Marcel Arnould Medal both on behalf of Martin Culshaw and Christan Schroeder, while Vassilis Marinos accepted the Honorary President on behalf of Paul Marinos.



**\*\*Science and Technology Award 2023\*\***

Xuanmei Fan and Zhigang Shan were awarded the Science and Technology Award for 2023.



**\*\*Richard Wolters Prize\*\***

Yifei Cui was awarded the Richard Wolters Prize for 2020



Wenping Gong and Gianvito Scaringi were awarded Runner-up Richard Wolters Prize for 2022.



**\*\*Honorary Membership\*\***

Kiril Anguelov was awarded Honorary Membership for 2019, Victor Ivanovich Osipov for 2020, Fred Baynes for 2022, Giorgio Lollino and Paolo Allasia for 2023. Olga Eremina accepted the award on behalf of Victor Ivanovich Osipov, Anthony Bowden accepted the award on behalf of Fred Baynes, and Janusz Wasowski accepted the award on behalf of Giorgio Lollino and Paolo Allasia.



**\*\*Best Poster Award\*\***

A total of 240 posters were presented, and the Best Poster Awards were conferred upon Bo Kang, Hongke Zhou, Ujjwal Krishana Raghubansha, Jinajing Long, Qingyu Xie, Regine Morgenstern, etc.



Faquan Wu, the secretary general of IAEG chaired the closing ceremony. The closing speeches were delivered by Vassilis Marinos, the president of IAEG, and Qiang Xu, the president of Chengdu University of Technology.



Faquan Wu  
on the Closing Ceremony



Vassilis Marinos  
on the Closing Ceremony



Qiang Xu  
on the Closing Ceremony



Closing Ceremony of XIV IAEG Congress on September 25, 2023 in Chengdu, China

Professor Cees van Westen gave a presentation to introduce the next IAEG Congress on behalf of Netherlands National Group. The 15th IAEG Congress will be held in Delft on October 31-November 5, 2026.



Prof. Cees van Westen's presentation at the closing ceremony of 15<sup>th</sup> IAEG Congress

**\*\*IAEG Booth at the 14th IAEG Congress\*\***

During the 14th IAEG Congress, an IAEG booth is arranged by the IAEG Secretariat for the association promotion. Several materials have been prepared including posters, IAEG pins, IAEG introduction flyers, specially designed IAEG bags, notes books, envelopes. These materials were put at the booth for participants to pick up for free. Posters focus on specific topics including IAEG general introduction, IAEG Executive Committee, IAEG website, IAEG YEG, IAEG social media. A TV screen was also displayed at the IAEG booth to show some electronic promotional materials including IAEG President's address, IAEG events videos and IAEG introduction presentation. The YEG members Changdong Li, Tümay KADAKÇI KOCA and Adebayo Olaniyi Afolabi took care of the IAEG booth during the Congress, they introduced IAEG and direct the participants to take part in the IAEG online survey at the booth. The IAEG booth has attracted crowds of participants to visit. The IAEG Executive Committee members also visit the IAEG booth during the congress.



Materials of the 14th IAEG Congress Booth



Participants Visiting 14th IAEG Congress Booth

### **\*\*BOEG Session Report\*\***

The BOEG Editors-in-Chief, Louis Wong and Arindam Basu, are pleased to announce the successful completion of the BOEG session, which took place on September 23, 2023, during the XIV IAEG Congress.

The session, which provided valuable insights into the official journal of the IAEG, was attended by a number of Congress participants. As the session commenced, the Editor-in-Chief Louis Wong led attendees on a fascinating journey through the history of BOEG. From its beginnings in 1970 as a simple artisanal publication to its current status as a highly respected scientific journal, BOEG has significantly impacted the fields of engineering geology, and related environmental and geoscience studies. The session also included a comprehensive statistical assessment of recent BOEG submissions and publications, providing participants with a clear understanding of the journal's reach and influence.



Editor-in-Chief Louis Wong welcoming session participants

Attendees gained valuable insights into manuscript preparation and submission, ensuring that their work stands out among the numerous high-quality submissions received by BOEG. Highlighting the importance of the peer-review process, the session concluded with a presentation of certificates of appreciation to a select group of twenty-four top BOEG reviewers. These individuals have demonstrated unwavering dedication to the peer-review process, significantly contributing to the academic credibility of BOEG. For top reviewers unable to attend the Congress in person, certificates of appreciation were sent to them following the event, acknowledging their vital contributions.



Editor-in-Chief Louis Wong presenting certificates to top reviewers

The BOEG session served as an excellent opportunity for participants to gain a deeper understanding of BOEG's history, submission process, and the essential work of its reviewers. Both Editors-in-Chief would like to extend their gratitude to Ms. Nishita Gajendragadkar and Ms. Xiaoli Pei from Springer Nature for their invaluable assistance in organizing and executing the BOEG session. Their efforts significantly contributed to the event's success.

### **\*\*IAEG Asian National/Regional Group Meeting\*\***

IAEG Vice Presidents from Asia devised a plan for a meeting during the XIV IAEG Congress held in Chengdu, China, from September 22nd to 26th. This historical meeting marked the first Asian IAEG National/Regional Group meeting and was highlighted in the congress program book.

The meeting took place at the Shurong Hall, 3rd Floor of the Chengdu International Exhibition Centre, Chengdu, Sichuan, China, from 1:30 PM to 3:30 PM on September 24, 2023. It was hosted by Nepalese Society of Engineering Geologists (NSEG), IAEG National Group of Nepal. A total of 27 participants registered and attended the meeting.

## Discussions On The Agendas And Opinions Of The Participants:

During the meeting, IAEG Vice President Ranjan Kumar Dahal delivered a presentation outlining the meeting's objectives and agendas. He encouraged all participants to share their opinions while making decisions on the proposed agendas.

Prof. Dr. ATM Shakhawat Hossain disclosed that Bangladesh has 60 members in IAEG, with around 20-25 from a Geology background. He attributed the low membership in IAEG's National Group to the lack of initiatives involving Engineering Geologists in various projects and the reluctance of many to recognize the significance of engineering geology. The limited opportunities for engineering geologists were highlighted, even citing an instance where Japan International Cooperation Agency (JICA) initiated a Metro Railway project in Bangladesh and only demanded 2-3 engineering geologists. This underscores the lack of awareness regarding the importance of engineering geology in Bangladesh, emphasizing the need for IAEG's support to break through this barrier. Bangladesh intends to extend IAEG membership to diploma students, aiming to increase the presence of young engineering geologists. Proposed strategies included starting scholarship programs and offering publication opportunities to young engineering geologists, along with emphasizing effective communication. Establishing local Facebook and LinkedIn groups was recommended to boost engagement, akin to the Asian Group of IAEG. Suggestions involved inviting lecturers, organizing conferences, and outlining national group plans within these group pages. Additionally, initiatives such as capacity-building research programs and conducting both online and in-person workshops were suggested to attract more IAEG members.

Dr. Shengwen Qi from China emphasized the pivotal role of young engineering geologists in IAEG's future and stressed the importance of publishing articles by these professionals.

Dr. SL Kapil, president of India's IAEG national group, highlighted the necessity of including members from diverse disciplines of geology in IAEG. He noted that while ISEG boasts over 2000 members, only a small fraction are submitting IAEG membership applications due to IAEG's relatively smaller platform in India compared to ISEG. The suggestion to transition to lifetime memberships over annual memberships can be made to bolster IAEG membership in India.

Ezdenetsetreg Altanerel, representing Mongolia, reported that Mongolia had only 10 IAEG National Group members, expressing delight at participating and sharing the Mongolian national group's opinions during the meeting.

James Bachat, the Malaysian National Group representative, lamented the limited IAEG promotion activities in Malaysia and urged the oil and gas industry to create more job opportunities for Engineering Geologists. He advocated for promoting young engineering geologists to become full IAEG members.

Mr. Louis Wong, the Hong Kong Regional Group Coordinator, mentioned the significant number of engineering geologists in Hong Kong and their collaboration with the UK. However, he noted a lack of interest in IAEG due to its limited activities on both regional and international platforms. He emphasized the necessity of cultivating professionalism among engineering geologists and stimulating interest in activities like research and conferences.

During the discussion, various representatives stressed the need to enhance IAEG activities in Asia, citing minimal membership despite affordable fees. They attributed this to IAEG's insufficient activities, especially in the region, which impedes member recruitment. Observers from Australasia and Europe suggested conducting training workshops to attract young professionals and increase memberships, highlighting how training charges could boost the organization's funds. Participants highlighted the challenges faced by certain national groups with large memberships but relatively

few IAEG members. They collectively agreed that online platforms such as Facebook, YouTube, and LinkedIn could significantly aid in increasing memberships in their respective national groups. Finally, there was a unanimous consensus among attendees that lessons could be gleaned from successful policies and strategies employed by other national/regional groups like Australasia and Europe to bolster IAEG membership.

### **Decisions On The Meeting:**

#### **1. Enhancing IAEG memberships from Asia and awareness about IAEG**

- Regular meetings of IAEG Asian National/Regional Groups (IAEG-ANRG) will be done with a core leadership team of each national/regional group consisting of engineering geologists, engineers, and academics from different Asian countries.
- To promote IAEG to professionals, researchers, and students across Asia, NSs/RGs will encourage them to become members of IAEG national/regional group member in their respective countries and also request to be an associate member of IAEG.
- Asian NGs/RGs will develop Social Media pages and establish communication channels (WeChat and/or WhatsApp) to keep members informed about the group's activities.
- NGs/RGs will organize webinars, workshops, and regional seminars to create awareness about engineering geology and its enhancement to Asian countries.

#### **2. Capacity building and research collaboration among Asian NGs/RGs**

- Asian NGs/RGs will host training programs, workshops, and short courses to enhance the skills and knowledge of members in IAEG of national/regional groups.
- Asian NGs/RGs will encourage collaborative studies among member countries to address Asian regional engineering geological challenges.
- Asian NGs/RGs will encourage its members to publish research findings, case studies, and best practices related to engineering geology in Asia in the IAEG official Journal, Bulletin of Engineering Geology, and the Environment.
- National/regional groups will initiate partnerships programs with other IAEG national and regional groups and other international geological organizations to promote knowledge exchange and collaboration.

#### **3. Initiate promotion and advocacy of IAEG in Asian NGs/RGs**

- National/regional groups will support the organizer of the Asian Regional Conference of IAEG, attracting participants from around the world, and in person meeting of IAEG-ANRG during regional conferences.
- National/regional groups will advocate the inclusion of engineering geology principles in Asian regional infrastructure development policies and disaster risk reduction strategies.
- National/regional groups will collaborate with construction and engineering industries to promote the importance of engineering geology in project planning and execution.
- National/regional groups will highlight the role of engineering geology in sustainable development, natural hazard mitigation, and environmental protection in Asia.
- National/regional groups will support to IAEG VPs of Asia to hold meetings, assess progress, discuss future plans, and support the VP Asia of IAEG for IAEG activities as and when necessary.



Representatives speaking at the IAEG Asian National/Regional Group Meeting



Group Photo of the IAEG Asian National/Regional Group Meeting

## **\*\*IAEG Workshop\*\***

### **IAEG-C34**

The Council of the International Association for Engineering Geology and the Environment Marine Engineering Geology Committee (IAEG-C34) was convened on September 23, 2023. The meeting was chaired by Professor Liu Xiaolei, Secretary-General of IAEG-C34 and from Ocean University of China. Professor Liu Xiaolei delivered a welcome speech on behalf of the committee, expressing warm greetings to the participants. He acknowledged the continuous growth of the committee since its establishment, attributing it to the care and support of committee members. He hoped that everyone would continue to support the committee's various endeavors, contributing to the ongoing advancement of technology in the marine engineering geology industry.





Xiaolei Liu, The Secretary General of C34 On the Workshop Opening Ceremony

Following the welcome address, a detailed report was presented on the committee's progress over the past five years in academic activities, international cooperation initiatives, and technological awards. Future prospects and upcoming work were also outlined. Subsequently, members of the council engaged in lively discussions on how to sustainably expand the committee's influence, the committee's next focal points, and the organization of future ISMEG brand conferences. It was mentioned during the meeting that Dr. Zhu Chaoqi, a committee member, is serving as the editor-in-chief of the Journal of Marine Environmental Engineering (JMEE), which is jointly established by IAEG-C34, the International Consortium on Geological Disasters Reduction (ICGdR) Marine Geological Disasters and Geological Environment Committee (TC-4), and several other international organizations. They are currently in the process of applying for the New Star Award, Outstanding Young Scientist Award, and Lifetime Achievement Award. Active participation from all was encouraged.



Active communication on IAEG-C34 workshop



Group Photo of IAEG-C34 workshop

### Jointed Workshop of IAEG C29, C36 & C38

In the occasion of the XIV IAEG Congress in Chengdu, a jointed workshop was organized on the 23<sup>rd</sup> of September by the following IAEG Commissions:

- C29 (Structure and behavior of soil and rockmass),
- C36 (Engineering Geology for Waste Disposal) and
- C38 (Rockmass characterization with emphasis in rock slope hazards),

The objective of the joint workshop was to highlight the importance of rock mass characterization and behavior, as this is the most critical element for the safe and efficient design of engineering works. Recent trends in soil and rock engineering involve deep underground applications, like hydraulic fracturing for shale gas and oil extraction, waste disposal, energy storage and rock slope stability applications with new characterization tools. Fracturing of rocks is being pursued to exploit underground energy resources, but in many cases fracturing must remain limited to sustain safety in engineering construction.

The workshop topics focused on the structure, characterization, deformation and failure, and coupled effects of soil and rockmass. Organizers of the workshop were Prof. Shengwen Qi and Prof. Lihui Li (CAS, China), Chairs of C29, Prof. Weimin Ye and Prof. Yonggui Chen (Tongji University, China), Chairs of C36 and Dr. Haris Saroglou (NTUA, Greece), Chair of C38.

During the workshop the following invited presentations were given:

1. Prof. Li Yanyan (Beijing University of Technology, China) Influence of preexisting discontinuities on hydraulic fracture complexity in a naturally fractured reservoir.
2. Prof. Xueliang Wang (CAS, China). Structural characteristics of rock mass and driving mechanism of large bedrock landslides in southeastern Tibet.
3. Dr. Yong He (Central South University, China). A constitutive model of compacted clay under coupled chemo-hydro-mechanical conditions
4. Dr. Haris Saroglou (National Technical University of Athens, Greece). Rock mass characterization and assessment of rock slope instabilities using new technologies.

The workshop was very well attended, and the presentations triggered fruitful discussions on the topics of the Commissions. It is concluded that the organization of such jointed initiatives between the IAEG Commissions can promote better and wider collaboration between members and experts from different disciplines on a variety of topics which are of outmost importance for the future of the Association and Engineering Geology.



Presentation by Dr. Haris Saroglou, Chair of Commission C38 (left)



Presentation given by Dr. Yong He, member of Commission C36 (right)



Jointed workshop of IAEG Commissions C29, C36 and C38.

### **\*\*The 3rd Shaoxing International Forum\*\***

The 3rd 'Shaoxing International Forum on Rock Mechanics and Engineering Geology' (SXFRG) — the 9th Session of the XIV IAEG Congress, focusing on 'Technological Innovations in Engineering Geology,' took place in Chengdu from September 23rd to 24th, 2023. The event received strong support from IAEG, the Chinese Society for Rock Mechanics and Engineering Geology, the Engineering Geology Committee of the China Geological Society, and some other relative societies.

The forum, themed "Technological Innovation in Engineering Geology," aims to showcase and promote innovative technological achievements in the field of geological engineering, leading the geological engineering field into a more convenient and intelligent era. More than 200 renowned experts, scholars, and technologists in the fields of rock mechanics and engineering geology from various countries and regions, including the United States, Germany, Italy, Turkey, Australia, Greece, Japan, South Korea, India, Malaysia, Hong-Kong, Chinese Taipei, and others attended the event.

Professor Rafiq Azzam, the immediate past President of IAEG, and Professor Wu Faquan, Secretary-General of IAEG served as the co-chairs of this forum. Vasileios Marinos, the President of IAEG; Resat Ulusay, the President of ISRM; Chungsik Yoo, the President of FedIGS; Ranjan Kumar Dahal, Vice President of IAEG; George Papathanassiou, the Website Editor of IAEG; Huiming Tang, the immediate past vice president of IAEG; Evgeny Voznesensky, the immediate past Vice President of IAEG among

other well-known experts and scholars from China and abroad attended the forum. More than 60 experts from domestic and international areas gave keynote and invited presentations on new technologies and methods in the field of geological engineering.



Group Photo of the opening ceremony of 3rd Shaoxing International Forum on September 23, 2023 in Chengdu, China



Speech by IAEG President Vasileios Marinos



Speech by former IAEG Vice President Huiming Tang

The current forum has three major highlights: 1) It fully demonstrates the cross-fertilization and collaborative efforts of several major international academic organizations such as ISRM, IAEG, and FedIGS. At the same time, it highlights the influence and appeal of Chinese experts and scholars on the international academic stage. 2) The presenters are younger, with a large number of promising young scholars taking on significant roles, promoting both knowledge transfer and talent development. 3) There are a high number of presentations, and in a tight schedule, each presentation is highly engaging. From seasoned experts to young scholars, everyone actively and enthusiastically shares their research results, creating a strong academic atmosphere and lively exchange.



Onsite Participants on the 3rd Shaoxing International Forum

## **\*\*YEG Icebreaking\*\***

The YEG event at the 14th IAEG Congress peaked in an outstanding after-party on September 24, 2023, immediately following the Theme-12 YEG Sessions. The invitation posters of the party were strategically placed on the doors of congress halls and announced at the IAEG booth to ensure widespread awareness and participation. The hall was prepared for the after-party very nicely for a welcoming and comfortable setting. Approximately 40 young people gathered for an evening of networking and vibrant discussions in a dedicated hall within the congress building. The event, featuring the active participation of notable figures such as Vassilis Marinos and other senior professionals, provided an informal atmosphere with drinks and snacks, fostering an environment conducive to building meaningful connections. The after-party surpassed expectations and obviously reflected the success of the preceding YEG sessions. Attendees expressed significant interest in future collaborations and becoming part of the YEG. This event highlighted the potential for enduring partnerships and projects to evolve from this dynamic networking initiative.



Participants at the YEG Icebreaking During the 14th IAEG Congress on September 24, 2023 in Chengdu, China

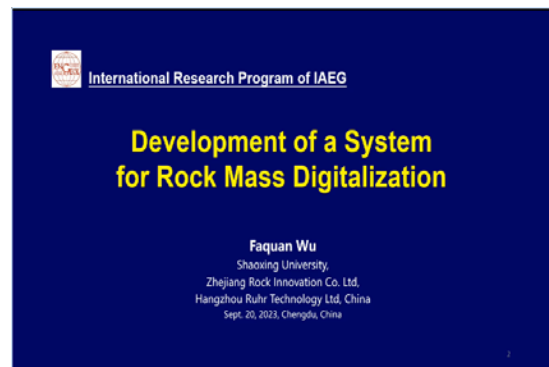
## 03. SELECTION WORKS OF IRP AND STA

### The 2<sup>nd</sup> IAEG International Research Program (IRP) Approved Projects

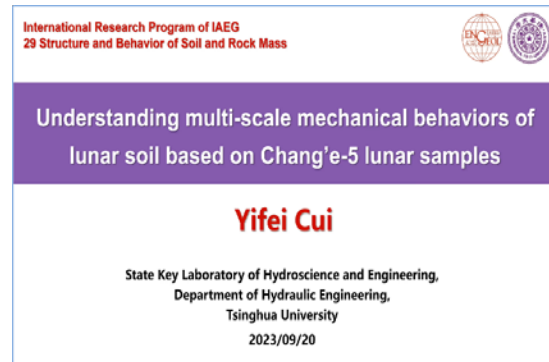
The 2nd IAEG International Research Program contest took place on September 21st, 2023, in Chengdu, China. The jury members consisted of executive committee members. Both Faquan Wu and Yifei Cui's projects have been approved for the 2nd IAEG International Research Program.

Faquan's project, titled 'Engineering Rock Mass Digitalization,' is led by Faquan Wu from Shaoxing University, China, and is set to run from 2024 to 2026. This research falls under the IAEG C29 Referee Commission, specializing in Soil and Rock Mass Structure and Behavior.

Yifei Cui's project, 'Multi-scale Mechanical Behaviors of Lunar Soil using Chang'e-5 Samples,' is headed by Yifei Cui from Tsinghua University, China. It shares the same project timeline, 2024 to 2026, and also falls under the oversight of the IAEG C29 Referee Commission, which focuses on Soil and Rock Mass Structure and Behavior.



Faquan Wu on the 2nd IAEG International Research Program contest (Onsite)



Yifei Cui on the 2nd IAEG International Research Program Contest (Online)

### The 1<sup>st</sup> Science and Technology Awards of IAEG

The 1st Science and Technology Awards of IAEG took place online on September 5th, 2023, with the participation of four candidates. The jury members for the event were Rafiq Azzam, Niek Rengers, Martin Culshaw, and Chungsik Yoo.



Jury Members and the Candidates presented at the 1st Science and Technology Awards of IAEG Contest

The award recipients were Xuanmei Fan from SKLGP, Chengdu University of Technology, recognized for her work on "Mechanism and Prediction of Earthquake-induced Chains of Geological Hazards," and Zhigang Shan from Powerchina Huadong Engineering Corporation Limited, who was honored for his contributions to the "Innovation and Application of Key Engineering Geological Technology for a 2500-level Ultra-Deep Buried Long Tunnel.



The Award Recipients of The 1st Science And Technology Awards of IAEG

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## 04. FedIGS MEETING 2023

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The 2023 FedIGS Board Meeting was held on October 9th, 2023 in Salzburg, Austria at conjunction of the 15th ISRM Congress. Board members from ISRM, ISSMGE, IGS and IAEG and JTC (Joint Technical Committee) representatives took part in the 2023 FedIGS Board Meeting. The President of IAEG, Vassilis Marinos attended the meeting on behalf of IAEG.

Board members gave activity reports at the meeting, where several important issues have been discussed by the FedIGS board. JTC2 representatives made also presentations about their contributions and way further.



Participants of Sister Societies Presented at the FedIGS Meeting 2023

A new JTC in Environment and Geo-Sustainability was proposed by IGS and approved as JTC 4 by the FedIGS board. After this addition, IAEG will take on JTC 3(Education & Training) and a new chair of JTC 3 is going to be appointed. The FedIGS board proposed some activities in the future including FedIGS White paper project, a joint FEDIGS event in 2030 or 2031 and FedIGS Lecture invited from sister societies at the four-year congress of each society. A “FedIGS lecture” was given by the President of IAEG Vassilis Marinos in the opening session of the 15th ISRM Congress with title “Conveying geological reality in rock engineering design”.

The board also positively discussed the possibility to include ITA as a new member of FedIGS.

An agreement has been made by the board to make website improvement and investigate costs options by IGS.

The next FedIGS meeting is going to be held by IGS on May 2<sup>nd</sup>, 2024 in Toronto, Canada.

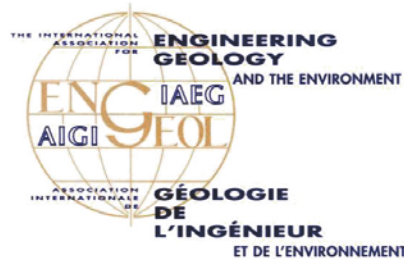


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## 05. ANNOUNCEMENT OF IRP APPROVED PROJECTS

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Both Faquan Wu and Yifei Cui's projects have been approved for the 2nd IAEG International Research Program.



President:	Dr. Vassilis Marinos
Past President:	Prof. Rafiq Azzam
Secretary General:	Prof. Wu Faquan
Treasurer:	Dr. Jean-Alain Fleurisson
Vice Presidents	
Africa:	Prof. Moshood N. TJANI
Asia:	Dr. Ranjan Kumar Dahal
	Prof. YongSeok SEO
Australasia:	Mr. Anthony Bowden
Europe:	
	Dr. Janusz Wasowski
North America:	Dr. Helen Reeves
South America:	Prof. Victor Mammel

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### CERTIFICATE of The 2<sup>nd</sup> International Research Program of IAEG

This is to certify that the project *Development of a system for Engineering Rock Mass Digitalization* has been approved by the IAEG Executive Committee as one of the projects under the theme **Engineering Geology and Sustainable Development**, of the 2nd International Research Program of IAEG.

Title of Project: Development of a system for Engineering Rock Mass Digitalization

Name of First Applicant: Faquan Wu

Name of First Employer: Shaoxing University, China

Executive Period: 2024-2026

Referee Commission: IAEG C29 Structure and Behavior of Soil and Rock Mass

Regards,

IAEG President

September 20th, 2023

Conditions:

1. The first applicant of the project is responsible for implementing the project, funding and submitting the yearly progress report and the final achievement report to the Executive Committee of IAEG. All the reports will be released in time if approved.
2. A project shall be interrupted and abandoned if no report is presented or the report is not approved by the Executive Committee of IAEG.



President: Dr. Vassilis Marinos  
Past President: Prof. Rafiq Azzam  
Secretary General: Prof. Wu Faquan  
Treasurer: Dr. Jean-Alain Fleurisson  
Vice Presidents  
Africa: Prof. Moshood N. TIJANI  
Asia: Dr. Ranjan Kumar Dahal  
Prof. YongSeok SEO  
Australasia: Mr. Anthony Bowden  
Europe: Dr. Janusz Wasowski  
North America: Dr. Helen Reeves  
South America: Prof. Victor Mammel

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## CERTIFICATE of The 2<sup>nd</sup> International Research Program of IAEG

This is to certify that the project *Understanding multi-scale mechanical behaviors of lunar soil based on Chang'e-5 lunar samples* has been approved by the IAEG Executive Committee as one of the projects under the theme **Engineering Geology and Sustainable Development**, of the 2nd International Research Program of IAEG.

Title of Project: Understanding multi-scale mechanical behaviors of lunar soil based on Chang'e-5 lunar samples

Name of First Applicant: Yifei Cui

Name of First Employer: Tsinghua University, China

Executive Period: 2024-2026

Referee Commission: IAEG C29 Structure and Behavior of Soil and Rock Mass

Regards,

IAEG President  
September 20th, 2023

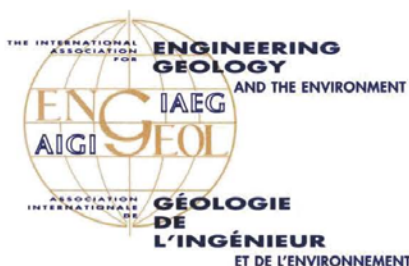
Conditions:

1. The first applicant of the project is responsible for implementing the project, funding and submitting the yearly progress report and the final achievement report to the Executive Committee of IAEG. All the reports will be released in time if approved.
  2. A project shall be interrupted and abandoned if no report is presented or the report is not approved by the Executive Committee of IAEG.
-

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## 06. ANNOUNCEMENT OF STA WINNERS

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<b>President:</b>	Dr. Vassilis Marinos
<b>Past President:</b>	Prof. Rafiq Azzam
<b>Secretary General:</b>	Prof. Wu Faquan
<b>Treasurer:</b>	Dr. Jean-Alain Fleurisson
<b>Vice Presidents</b>	
Africa:	Prof. Moshood N. TJANI
Asia:	Dr. Ranjan Kumar Dahal Prof. YongSeok SEO
Australasia:	Mr. Anthony Bowden
Europe:	Dr. Janusz Wasowski Dr. Helen Reeves
North America:	Dr. Julien Waeber
South America:	Prof. Victor Manuel

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Professor Faquan Wu  
IAEG Secretary General:  
Shaoxing University  
No. 508 Huanchengxilu, Shaoxing City, Zhejiang Province, 312000, CHINA  
Tel/Fax: +86 -575 -8834 6551, Mobile: +86-13910509506  
Email: iaegsg@163.com

### ANNOUNCEMENT OF AAA-STA RECIPIENT 2023

Dear Prof. Xuanmei Fan,

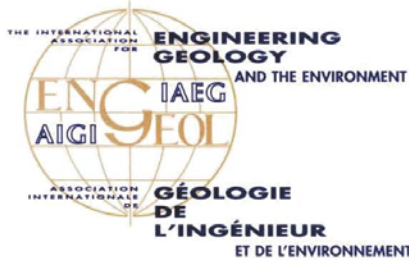
It is my pleasure to inform you that the Jury of Science and Technology Awards (STA) has decided to grant the Academic Achievement Award (AAA) to the project "Mechanism and prediction of earthquake-induced chains of geological hazards" which is completed by State Key Laboratory of Geohazard Prevention and Geoenvironment Protection, Chengdu University of Technology, China. You and other 8 colleagues as the co-applicants will be granted as the recipients of Academic Achievement Award of Science and Technology Awards (AAA-STA).

Congratulations to you and your team!

Best regards,

Vassilis Marinos  
President of International Association for Engineering Geology and the Environment  
School of Civil Engineering, National Technical University of Athens (NTUA)  
Email: [marinosv@geo.auth.gr](mailto:marinosv@geo.auth.gr)

---



<b>President:</b>	Dr. Vassilis Marinos
<b>Past President:</b>	Prof. Rafiq Azzam
<b>Secretary General:</b>	Prof. Wu Faquan
<b>Treasurer:</b>	Dr. Jean-Alain Fleurisson
<b>Vice Presidents</b>	
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	Prof. YongSeok SEO
Australasia:	Mr. Anthony Bowden
Europe:	Dr. Janusz Wasowski
	Dr. Helen Reeves
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---

Professor Faquan Wu  
IAEG Secretary General:  
Shaoxing University  
No. 508 Huan Chengxilu, Shaoxing City, Zhejiang Province, 312000, CHINA  
Tel/Fax: +86 -575 -8834 6551, Mobile: +86-13910509506  
Email: [iaegsg@163.com](mailto:iaegsg@163.com)

### ANNOUNCEMENT OF TPA-STA RECIPIENT 2023

Dear Prof. Zhigang Shan,

It is my pleasure to inform you that the Jury of Science and Technology Awards (STA) has decided to grant the Technology Progress Award (TPA) to the project "Innovation and application of key engineering geological technique of 2500m ultra deep-buried long tunnel" which is completed by POWERCHINA Huadong Engineering Corporation Limited. You and your team members will be granted as the recipients of Technology Progress Award of Science and Technology Awards (TPA-STA).

Congratulations to you and your team!

Best regards,

Vassilis Marinos  
President of International Association for Engineering Geology and the Environment  
School of Civil Engineering, National Technical University of Athens (NTUA)  
Email: [marinosv@geo.auth.gr](mailto:marinosv@geo.auth.gr)

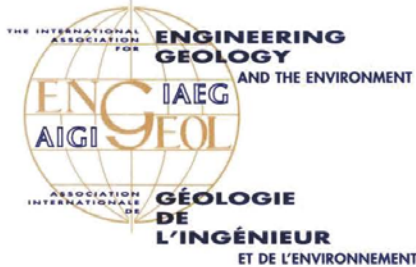
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## 07. ANNOUNCEMENT OF THE NEW ESTABLISHED NATIONAL GROUPS

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Bhutan and Pakistan were approved to be the new national groups of IAEG.



President:	Dr. Vassilis Marinos
Past President:	Prof. Rafiq Azzam
Secretary General:	Prof. Wu Faquan
Treasurer:	Dr. Jean-Alain Fleurisson
Vice Presidents	
Africa:	Prof. Moshood N. TIJANI
Asia:	Dr. Ranjan Kumar Dahal Prof. YongSeok SEO
Australasia:	Mr. Anthony Bowden
Europe:	Dr. Janusz Wasowski Dr. Helen Reeves
North America:	Dr. Julien Waeber
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Professor Faquan Wu  
IAEG Secretary General:  
Shaoxing University  
No. 508 Huanchengxilu, Shaoxing City, Zhejiang Province, 312000, CHINA  
Tel/Fax: +86 -575 -8834 6551, Mobile: +86-13910509506  
Email: iaegsg@163.com

### Appointment Letter

The Council of International Association for Engineering Geology and the Environment (IAEG) has approved the proposal to establish the Bhutan National Group with full votes at the Council meeting held on September 21<sup>st</sup>, 2023 in Chengdu, China. We are officially announcing that the Bhutan National Group has been established, Karma Tempa is appointed as the President and Ugyen Dorji as the Secretary General of Bhutan National Group.

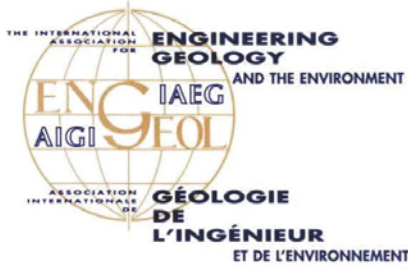
Congratulations to this new National Group!

Best Regards,

President(Signature):  
Vassilis Marinos

Secretary General (Signature):  
Faquan Wu

Date: October 26<sup>th</sup>, 2023



President:	Dr. Vassilis Marinos
Past President:	Prof. Rafiq Azzam
Secretary General:	Prof. Wu Faquan
Treasurer:	Dr. Jean-Alain Fleurisson
Vice Presidents	
Africa:	Prof. Moshood N. TJANI
Asia:	Dr. Ranjan Kumar Dahal Prof. YongSeok SEO
Australasia:	Mr. Anthony Bowden
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North America:	Dr. Julien Waeber
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Professor Faquan Wu  
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Tel/Fax: +86-575-8834 6551, Mobile: +86-13910509506  
Email: [iaegsg@163.com](mailto:iaegsg@163.com)

## Appointment Letter

The Council of International Association for Engineering Geology and the Environment (IAEG) has approved the proposal to establish the Pakistan National Group with full votes at the Council meeting held on September 21<sup>st</sup>, 2023 in Chengdu, China. We are officially announcing that the Pakistan National Group has been established, Basit Masub is appointed as the President and Mian Sohail Akram as the Secretary General of Pakistan National Group.

Congratulations to this new National Group!

Best Regards,

President(Signature):  
Vassilis Marinos

Secretary General (Signature):  
Faquan Wu

Date: October 26<sup>th</sup>, 2023

## 08. MEMBERSHIP UPDATE IN 2023

By November 30th, 2023 the number of IAEG memberships is 4815 from 68 national/regional groups. Springer.

VP	No.	NG	total	Associate members
Anthony Bowden	1	Australia	409	0
	2	New Zealand	577	0
Janusz Wasowski	3	Albania		
	4	Austria	18	0
	5	Bulgaria	10	0
	6	Croatia	27	0
	7	Cyprus		
	8	France	92	1
	9	Georgia	14	0
	10	Greece	75	
	11	Hungary		
	12	Italy	91	0
	13	Portugal	65	1
	14	Romania	12	0
	15	Serbia		
	16	Slovenia	42	0
	17	Spain	28	0
	18	Switzerland	54	0
19	Turkey	139	0	
Helen Reeves	20	Belorussia	7	0
	21	Netherlands	28	0
	22	Lithuania	10	0
	23	The United Kingdom	345	
	24	Belgium	57	0
	25	Czech Republic	31	0
	26	Denmark		
	27	Estonia		
	28	Finland		
	29	Germany	457	0
	30	Iceland		
	31	Ireland		
	32	Norway		
	33	Poland		
	34	Russia	85	0
	35	Slovak Republic	6	0
36	Sweden			
37	Uzbekistan			
Moshood N. TIJANI	38	Algeria	4	0
	39	Nigeria	108	0
	40	South Africa	200	0
Julien Cohen-Waerber+	41	Canada	99	0
	42	USA	204	0

Victor Manuel	43	Argentina	17	0
	44	Bolivia	15	0
	45	Brazil	38	0
	46	Chile	39	0
	47	Colombia	11	0
	48	Costa Rica	20	0
	49	Mexico	5	0
	50	Paraguay		
	51	Peru	12	0
Ranjan Kumar Dahal & YongSeok SEO	52	Bangladesh	68	0
	53	China	587	0
	54	Chinese Taipei	50	0
	55	HongKong	8	0
	56	India	113	0
	57	Indonesia		
	58	Iran		
	59	Iraq		
	60	Japan	73	6
	61	Korea	83	0
	62	Malaysia	42	0
	63	Mongolia	10	0
	64	Myanmar		
	65	Nepal (NGS)		
	66	Nepal (NSEG)	149	0
		Singapore	145	0
	67	SEAGS	8	0
68	Vietnam	20	0	
Individual Member			6	
Associate Member			2	
<b>Total</b>			<b>4815</b>	<b>8</b>



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## 09. REGIONAL CONFERENCES

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The 14th Asian Regional Conference of IAEG in Kota Kinabalu, Malaysia on February 26-28th, 2024



# 14<sup>TH</sup> ASIAN REGIONAL CONFERENCE OF IAEG

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## KUALA LUMPUR, MALAYSIA

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### 27 FEB - 29 FEB 2024

***ENGINEERING GEOLOGY AND GEOTECHNICS FOR DISASTER RESILIENCE***

ARC14 is organized by Society for Engineering Geology and Rock Mechanics Malaysia (SEGRM). The organizer offers an ideal opportunity and platform for professionals from the international engineering geology and geotechnical engineering community to exchange the latest experiences and ideas, particularly on the conference theme "Geoscience and Engineering for Disaster Resilience". In addition to the technical programs, we will organize short courses, workshops, technical visits, exhibitions, as well as social programs. We will also offer attractive programs for young researchers and students, such as Young Engineering Geologist Session.

### Conference Information

Website: <https://arc14.asia/>; Email: [admin-arc14@segrm.org](mailto:admin-arc14@segrm.org)

Phone: +6018-2524267 (Whatsapp only)

### Sub-theme

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

### Important Date

30th July 2023: Confirmation of Acceptance of Extended Abstracts

31st October 2023: Last Day for Submission of Corrected Extended Abstract

## Call For Abstract

ARC14 is calling for abstract. Please the website to submit your abstract through the link of <https://www.arc14.asia/> and [https://drive.google.com/file/d/1zu9B95MoDZq7wSbvN6-Zk-pJhDmtGHn9/view?usp=share\\_link](https://drive.google.com/file/d/1zu9B95MoDZq7wSbvN6-Zk-pJhDmtGHn9/view?usp=share_link) to download the abstract template.

## Field Trip

(Sandakan Area): 2D1N/3D2N Bilit Rainforest Lodge; Sepilok Orang Utan / Kinabatangan River



(Lahad Datu Area) 3D2N Tabin Wildlife Reserve or 3D2N Borneo Rainforest Lodge



(Semporna Area): 3D2N / 4D3N Semporna Islands with Bohey Dulang Hike



Please click <https://www.dropbox.com/s/g9jilutf1chetwvg/ARC-14%20%28Second%20Circular%29.pdf?dl=0> for the 2nd circular of ARC14.

## The 4th European Regional Conference of IAEG in Dubrovnik, Croatia on October 8-12th, 2024



The 4th European Regional Conference of IAEG (EUROENGEО 2024), will be held in Dubrovnik, Croatia, by the IAEG National Group of Croatia. The conference will take place from October 8th to 12th, 2024 at Hotel Dubrovnik Palace.

The previous 3rd European Regional Conference (EUROENGEО 2020) held in Athens, Greece in October 2021 was very successful and justified the need for regular organization of such conferences at European level in order to increase networking of National Groups (NGs) and improve communication between them.

Based on the theme of "Engineering Geology and Geotechnics: Building for the Future" the conference will focus on the latest research and innovation in engineering geology and geotechnics, highlighting the challenges and opportunities for sustainable infrastructure development. The main aim is to bring together professionals from the fields of engineering geology and geotechnics to share knowledge, discuss challenges, and present innovative solutions to complex engineering problems that meets the needs of present and future generations. By doing so, the conference will contribute to the development of sustainable and resilient infrastructure that can withstand the challenges of the future, such as climate change, population growth, and urbanization.

### Conference Information

Website: <https://www.euroengeo2024.com/>;

Email: [info@euroengeo2024.com](mailto:info@euroengeo2024.com)

Venue: Hotel Dubrovnik Palace

La Serena, Chile, November 12-16th, 2024

The 2<sup>nd</sup> Latin-American Regional Conference of IAEG



Dear colleagues: On behalf of the Chilean Geotechnical Society (SOCHIGE), you are cordially invited to participate in the 17th Pan-American Conference on Soil Mechanics and Geotechnical Engineering (XVII PCSMGE) and 2nd Latin-American Regional Conference of the International Association of Engineering Geology and the Environment (IAEG) to be held in Chile in November 2024. We are delighted to organize this event, for the second time, after hosting it back in 1991. With an average width of 180 kilometers and a length of about 5000 kilometers, Chile is bordered by the Pacific Ocean to the west and the majestic Andes Mountains to the east. These characteristics result in a country with a wide variety of climates and vegetation, as well as both soil and rock conditions along its territory. As part of the Circum-Pacific Belt, Chile is one of the great seismically active regions in the world, which is of particular interest to geoscientists and geotechnical engineers worldwide. The Panamerican congress will serve as a unique platform for dissemination of knowledge and fruitful interactions among researchers and practitioners from different generations and nationalities. We are excited to keep growing as a community and your attendance is essential to the success of this conference. We look forward to receiving you in our country!

### Conference Information

Website: <https://panamgeochile2024.cl/>; E-mail: [info@panamgeochile2024.cl](mailto:info@panamgeochile2024.cl)

Venue: Peñuelas Norte 56, Coquimbo, Región de Coquimbo, Chile

### Topics

- Geotechnical Characterization
- Geotechnical Design
- Geotechnologies
- Geological & Environmental Engineering
- Hot Geotopics
- Geotechnical Engineering Challenge

### Key Dates

July 2023: Deadline for abstract submission

August 2023: Notification of abstract acceptance

November 2023: Draft paper submission deadline

January 2024: Notification of paper acceptance

April 2024: Final Paper Due

November 12–16, 2024

# Call For Abstracts

Abstract Submission Deadline July 2023

## Call For Abstracts

The Chilean Geotechnical Society SOCHIGE will host the 17<sup>th</sup> Pan-American Conference on Soil Mechanics and Geotechnical Engineering PANAMGEOCHILE2024 in conjunction with the 2<sup>nd</sup> Latin-American regional Conference of IAEG which are being organized with the support of:

- The International Society of Soil Mechanics and Geotechnical Engineering ISSMGE
- The International Association for Engineering Geology and Environment IAEG
- The Chilean Association for Engineering Geology ACHIGEOL
- North and South America Vice Presidents of ISSMGE
- Geotechnical Societies of North and South America

PANAMGEOCHILE2024 will be held in the Chilean coastal city of La Serena which is located about 400 km North of Santiago.

Technical areas to be covered in the Conference are:

1. Geotechnical Characterization
2. Geotechnical Design
3. Geotechnologies
4. Geological and Environmental Engineering
5. Hot Geotopics
6. Geotechnical Engineering Challenges

More details on the specific subject of each technical area can be seen in the web page: <https://panamgeochile2024.cl>

During PANAMGEOCHILE2024 the Casagrande Lecture will be delivered by Prof. J. Carlos Santamarina, and at least 6 Keynote Lectures by distinguished geotechnical engineers and engineering geologists.

Workshops are being planned to take place November 12. Technical/Sponsors Exhibition will be available at the Conference Centre.



## Abstract Guidelines and Information

The present invitation is to seek abstracts for papers for oral presentation and for poster presentation.

- All abstracts must be submitted electronically via our online system.
- All abstracts must be written in English and also in Spanish or Portuguese if the paper is going to be presented in one of the last two languages. Draft/final papers can be written either in English, Spanish or Portuguese.
- Maximum 300 words (excluding title and author/affiliation information).
- Submission of an abstract does not constitute acceptance for presentation or registration for the Conference.
- Authors must submit a paper for review following approval of the abstract.
- If a submitted abstract is accepted for the technical program in an oral or poster session, the presenter must register for the Conference.
- Platform and process will be the same for abstracts/papers for the 17<sup>th</sup> Panamerican Conference and 2<sup>nd</sup> Latin-American Regional IAEG Conference.

## Abstract Submission

Authors applying to participate in the conference should submit an abstract of their paper, until July 31, 2023, using the uploading platform in the web page (uploading platform will be available on April 30).

**Additional technical, logistic, and touristic information will become available shortly in the web page of the conference:**  
<https://panamgeochile2024.cl>

[panamgeochile2024.cl](https://panamgeochile2024.cl)

## The 15th Asian Regional Conference of IAEG in Dhaka, Bangladesh on November 27-28, 2025

### Conference venue

Bangabandhu Conference Center/InterContinental Hotel (Sheraton Hotel) or Pan Pacific Sonargaon Hotel, Dhaka, Bangladesh.



### Conference size

About 250 to 300 attendees, 50 from neighboring countries including Nepal, India and 50 from other countries including Japan, Europe & others.

### Proposed Field Excursion

#### 1. "Padma Bridge en route to UNESCO World Heritage site Sunderbans"



#### 2. "Bangabondhu Karnafully Tunnel" en route to world's largest Sandy Sea Beach Cox's Bazar.



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# 10. MEETING INFORMATION

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**Florence, Italy, November 14-17th, 2023**

**6th World Landslide Forum**



The 6th World Landslide Forum will be held in Florence, Italy on November 14-17, 2023. The main theme of the forum is Landslide Science for Sustainable Development.

## Conference Information

Website: <https://wlf6.org/forum-themes/>; Tel: +39-05550351

General inquires: [info@wlf6.org](mailto:info@wlf6.org); Congress Venue: Palazzo dei Congressi

## Themes and Sessions

1. Kyoto Landslide Commitment for sustainable development
2. Remote sensing, monitoring and early warning
3. Testing, modeling and mitigation techniques
4. Mapping, hazard, risk assessment and management
5. Climate change, extreme weather, earthquakes and landslides
6. Progress in landslide science and applications

## Field Trips

WLF6 is organizing some post-congress Field Trips for participants and accompanying persons in various Italian areas of great geological and touristic interest.

Field Trip #1 (**VAJONT: Landslide and dam** on November 18-19, 2023)

Topic: The site of the worst landslide disaster in European history, where everything remained as it was.

Field Trip #2 (**LANGHE: Landslides and wines** on November 18-19, 2023)

Topic: Tasting landslides and wines in one of Italy's most famous wine regions.

Field Trip #3 (**CIVITA e ORVIETO: Landslides and cultural heritages at the border of an ancient volcano** on November 18-19, 2023)

Topic: The interaction between landslides and human activities resulting in a unique cultural landscape.

Field Trip #4 (**CAMPANIA: Slope instabilities in Campania region** on November 18-19, 2023)

Topic: Landslides in pyroclastic terrains and structurally complex formations in the region of Napoli.

Field Trip #5 (**THE POGGIO BALDI LANDSLIDE MONITORING LAB** on November 18, 2023)

Topic: A field laboratory for testing new technologies for landslide monitoring.

# Savoie, France, July 5-12th, 2024

## 14th ISL (International Symposium on Landslides) & RSS (Rock Slope Stability)

### 14<sup>TH</sup> ISL & RSS

ISL (International Symposia on Landslides) is a quadrennial event organized under the patronage of the Joint Technical Committee on Natural Slopes and Landslides (JTC1) of the International Society for Soil Mechanics and Geotechnical Engineering, the International Society for Rock Mechanics and the International Association for Engineering Geology since 1972.

ISL2024 is the 14<sup>th</sup> ISL and is hosted in France for the first time.

RSS (Rock slope Stability) is a recurrent event, almost 5 symposiums since 2010. Since 2016 the event is organised under the patronage of the French national program C2ROP.

The two events merge into a single event in 2024.



The congress center « Le Manège » and the city of Chambéry

- More than 1400 rooms in neighboring of the congress center
- Comfortable hotels (from 1 to 4 stars)



**CHAMBÉRY  
(SAVOIE, FRANCE)  
5-12 JULY 2024**



### NATIONAL CONTEXT

The French community takes opportunity of a strong network involved in geosciences and geomechanics applied to slope instabilities.

This forthcoming event is supported by the following institutions, all being representative of the French community involved in slope engineering:

The CFMR (French Society for Rock Mechanics)

Visit the website: <https://www.cfmr-roches.org/>

The CFMS (French Society for Soil Mechanics)

Visit the website: <https://www.cfms-sols.org/>

The CFGI (French Society for Engineering Geology)

Visit the website: <http://www.cfgi-geologie.fr>



### IMPORTANT DATES

- Symposium: From Monday 8th to Friday 12<sup>th</sup> July 2024
  - Welcome ceremony on Sunday 7<sup>th</sup> 2024 (Inscription, Ice breaker, JTC1 meeting)
  - Summer school from Thursday 4th to Sunday morning 7<sup>th</sup> July 2024
- Agenda
  - Call for abstracts and new web site opening: January 2023
  - Extended abstracts submission deadline: 30 September 2023
  - Review and response to authors: 15 December 2023
  - Revised version submission: 15 February 2024
  - Last revision round and final submission: 15 March 2024
  - Registration opening: 15 January 2023
  - Early Bird registration until 30 March 2024



### VENUE

The Conference will be held at the Congress Center "Le Manège". Located in Chambéry downtown, near the old historical city, Le Manège is a restored building dating back to the Sarde period, which can welcome up to 400 attendees. Additional features are as follows:

- ▶ A large room (700 m<sup>2</sup>), newly reconstructed and designed to welcome social events
- ▶ Up to 8 additional separate meeting rooms, all equipped with screens and sound/audio system
- ▶ More than 1400 hotel rooms in neighboring comfortable hotels (from 1 to 4 stars)



14th IS Landslides 2024  
including IS RSS 2024  
Chambéry, France, July 2024

Website: <https://www.isl2024.com/>



Colorado, USA, August 5-8th, 2024

5th International Conference on Information Technology in Geo-Engineering



### WELCOME

The Joint Committee 2 (JCT2) on Representation of Geo-engineering Data cordially invites you to the 5th International Conference on Information Technology in Geo-Engineering (5th ICITG)

JCT2 is a committee under the Federation of International Geo-Engineering Societies (FedIGS), which is an umbrella organization linking international professional societies in the field of "Geo-Engineering" including the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE), the International Society for Rock Mechanics and Rock Engineering (ISRM), the International Association for Engineering Geology and the Environment (IAEG), and the International Geosynthetics Society (IGS).

### ABOUT THE CONFERENCE

The conference intends to bring together engineers, scientists, researchers, and educators to discuss and review IT advances in geo-engineering and provide a forum for the discussion of future trends. The first four ICITG conferences were organized by: 1) Tongji University, Shanghai, China in 2010; 2) Durham University, Durham, UK together with Tongji University, Shanghai, China in 2014; 3) the University of Minho and the Portuguese Geotechnical Society in Portugal in 2019; and 4) by Nanyang Technological University and National University of Singapore in 2022 (online).

### SCOPE OF THE CONFERENCE

In accordance with the conference objective to promote advances in the development and application of IT in geo-engineering, full papers on the following topics are invited:

- Sensors and Sensing Technologies
- Geotechnical instrumentation
- Data Collection and Transmission
- 3D Geological Modeling
- Information and Communications Technologies
- Digitalization
- Data-Driven Investigation and Modeling
- Big Data and Databases

- Imaging Technology
- Building Information Modeling (BIM)
- Artificial Intelligence and Machine Learning
- Virtual and Augmented Reality
- Intelligent Geomaterials
- Case Studies
- Other Topics Related to Advances in IT in Geo-Engineering

### CONFERENCE VENUE

The conference will be held on the campus of Colorado School of Mines (CSM), in Golden, Colorado, USA. CSM is about a 35-minute drive west on I-70 from Denver International Airport (DEN).

Regular commercial shuttles as well as Uber/Lyft services are available from DEN to downtown Golden.

DEN has direct international flights to/from 25 international destinations including: Frankfurt-Am-Main, Munich, Reykjavik, Tokyo, and Zurich, and from several major cities in Mexico, Canada, and the US.

### CALL FOR PAPERS

Authors are invited to submit a full paper in English for oral or poster presentation.

The papers will be published in the Proceedings of the Workshop by Springer. Payment of the registration is required for the inclusion of the paper in the Workshop Proceedings.

No prior abstract submission is required. The review will be based on the full paper.

- Springer Paper Formatting details can be found at: <https://www.springer.com/gp/authors-editors/conference-proceedings/editors>
- Proceeding Guidelines for Editors: [https://www.iwbdg2020.com.au/wp-content/uploads/2022/06/Springer\\_Guidelines\\_for\\_Proceedings.pdf](https://www.iwbdg2020.com.au/wp-content/uploads/2022/06/Springer_Guidelines_for_Proceedings.pdf)
- Conference Proposal Form: <https://www.springernature.com/gp/policies/editorial-policies/third-party-permissions>
- LaTeX package (zip): <https://www.iwbdg2020.com.au/wp-content/uploads/2022/06/LaTeXPackage.zip>
- Word Template (zip): <https://www.iwbdg2020.com.au/wp-content/uploads/2022/06/WordTemplate.zip>
- eBook Sample: <https://link.springer.com/book/10.1007/978-3-319-33515-5>

### IMPORTANT DATES

Full Paper Submission: **February 29, 2024**

Paper review completed: **April 30, 2024**

Final Paper submission: **May 31, 2024**

Online publication of Proceedings: **June 30, 2024**

Conference: **August 5-8, 2024**

**Busan, Korea, August 25-31st, 2024**

**IGC 2024 The 37th International Geological Congress**



The 37th International Geological Congress will be co-hosted by the Korea Institute of Geoscience and Mineral Resources (KIGAM) and the Geological Society of Korea (GSK) in Busan, Republic of Korea, on August 25-31, 2024.

IGC 2024 Busan will contribute to establishing a global network of “E-geology”, such as a “Virtual Fieldwork Program” connecting important geological sites through the internet. Access to relevant information about important geological sites will be available online. This will lead to a new evolution in the future of geological science education.

### Conference Information

Website: <http://www.igc2024korea.org>; E-mail: [info@igc2024korea.org](mailto:info@igc2024korea.org); Tel: +82-51-711-0043

### Registration

The online registration is open until **26 (Fri.) Jul 2024** at 24:00 p.m. (KST, UTC/GMT+09).

The Early Bird Registration deadline is April 26, 2024. Please refer to <https://www.igc2024korea.org/content/14409> for the detailed information.

### Call for Abstracts

The banner has a dark blue background with a glowing blue globe graphic on the right. On the left, there is a circular logo with a globe and the text 'XXXV GEOLOGORUM CONVENTUS IGC 2024 BUSAN MENTE ET MALLO'. Next to it is the 'IGC 2024' logo and the text 'The 37th International Geological Congress 2024'. The main title 'The 37th International Geological Congress' is in large, bold, yellow-green letters, followed by '25-31 August 2024 Busan, Korea'. Below this, the text 'ABSTRACT SUBMISSIONS ARE NOW OPEN!' is in large, bold, yellow-green letters. A paragraph of text follows: 'It is a great pleasure to announce that Abstract submissions for oral and poster presentations for IGC 2024 are now open. Hosted by IUGS and organized by the organizing committee of IGC 2024, the 37th International Geological Congress provides a wonderful opportunity for academic updates, business exchanges and global networking in geology and geoscience. Don't miss chances to enjoy Korean culture.' At the bottom left is the website 'www.igc2024korea.org'. On the bottom right, under the heading 'IMPORTANT DATES', there are three yellow-green rounded rectangles containing the following information: 'Abstract Submission ~ 16 Feb. 2024', 'GeoExpo Registration ~ 31 May 2024', and 'Field Trip Registration 8 Jan. 2024 - 26 April 2024'.

## Algiers, Algeria, October 6-9th, 2024

### 18th African Regional Conference on Soil Mechanics and Geotechnical Engineering



The 18th African Regional Conference on Soil Mechanics and Geotechnical Engineering will be held in Algiers, Algeria on October 6-9, 2024. The conference will provide keynote lectures, technical sessions and panel discussions on diverse topics, and a forum for exchange and discussion between engineers, professionals, scientists, researchers, equipment or solution providers operating in the field of soil mechanics and geotechnical engineering. In addition, social activities and technical tours will be organized. The exhibition will bring the maximum of professional partners to animate the conference and allow participants to exchange the solutions offered by professionals and answer their eventual concerns. The proceedings of the conference will be published with open access. The conference will provide awards for best papers, best presentations, and best industrial projects.

#### Conference Information

Website: <https://algeos-dz.com/18ARC.html>; Email: [info12ARC@algeos-dz.com](mailto:info12ARC@algeos-dz.com)

Tel: +213-21-24-7224

#### Important Date for Abstract and Paper Submission

September 15, 2023 - Deadline of final submission abstract

October 15, 2023 - Notification of abstract acceptance

January 15, 2024 - Submission of draft manuscript for review

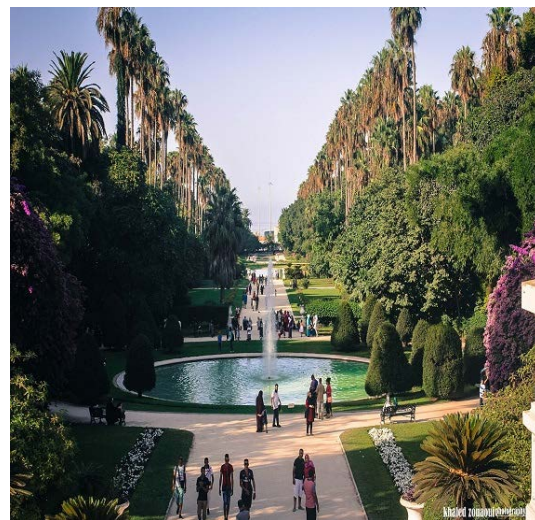
March 15, 2024 - Notification of paper acceptance

April 15, 2024 - Submission of final paper

#### Social Program



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**Sydney, Australia, November 20-22th, 2024**

**5th International Conference on Transportation Geotechnics 2024**



5th International Conference on Transportation Geotechnics will be held in Sydney on November 20-22 in 2024. The Conference will aim at promoting concepts and applications predominantly in the fields of transport infrastructure design, ground improvement, sustainability and circular economy perspectives, and natural hazards mitigation. This major event will act as a platform to disseminate the most recent research and field advances to the geotechnical community around the globe through active pathways of academia and practice. Outstanding Keynote lectures and State-of-Practice presentations, and brain-storming technical discussions will contribute to three days of scientific and technical discourse, followed by attractive excursions encompassing the awesome natural landscape of the state of New South Wales (NSW).

#### **Conference Information**

Website: <https://www.ictg2024.com.au/>; Tel: +61-2-9265-0700

E-mail: [ictg2024@arinex.com.au](mailto:ictg2024@arinex.com.au) (for general enquiries) ;

[ICTG2024@uts.edu.au](mailto:ICTG2024@uts.edu.au) (for technical and Sponsorship Enquiries)

#### **Call for abstracts**

The organizing committee is calling for abstracts. Please refer to <https://www.ictg2024.com.au/abstracts/> for the detailed information.

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