



IAEG

NEWSLETTER

Issue No.3, 2022
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Cover Story



In the background of the photo “Huangtupo Landslide” is observed. It is volumetrically the largest and most complex landslide in the Three Gorges Reservoir Area (TGRA) of China. The landslide is located in Badong county in the west of Hubei Province, on the south bank of the Yangtze River. It is developed in the strata of the Middle Triassic Badong Formation, within which interbedded strata structures are often observed and many geohazards are developed. The material composition of the Huangtupo landslide includes mudstone, pelitic siltstone, and argillaceous limestone. The elevation of the crown of the landslide is about 600 m asl., while its toe varies from 50 to 90 m, submerged in the Yangtze River. The Badong Field Test Site (BFTS), which could provide comprehensive multi-filed and multi-sensor monitoring systems for monitoring the largest active reservoir landslide in TGRA, is built in the landslide body, as shown in the middle of the photo. Noted that BFTS is mainly built to foster research, teaching, and academic exchange on geohazards.

Provided by Prof. Huiming Tang

IAEG Vice-President (Asia)



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Edited by the IAEG Secretariat, Shaoxing, China

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Report from the Secretary General

1) Membership

At present, IAEG has 69 national and regional groups, 19 commissions for members around the world.

In the past 3 years, IAEG's activities have been seriously affected by the global COVID-19 epidemic. Particularly remarkable is the extent to which our membership keeps stable in most of the regions despite all the difficulties as shown in Table 1, Table2, Table 3 and Fig.1. The global number of members are 4522 in 2019, 4526 in 2020 and 4564 in 2021. Meanwhile, the global number of members with Bulletin are 1711 in 2019, 1783 in 2020 and 1755 in 2021. The membership update in 2022 is not finished yet. Details in membership could be seen in Table 4.

National Groups and Regional Groups did their best to host activities online to members, which was reported in IAEG Newsletter, Connector and Website among IAEG community, especially IAEG regional conferences in Asia, Euro, Africa and South America which greatly condensed people's hearts. Number of total memberships in Africa and Latin America have an obviously increase. And number of memberships with Bulletin in Europe and Latin America have been obviously developed as well.

Annual average proportion of members in regions 2019-2021, as shown in Fig.2, explains that the more than 86% of global membership is from Europe (39%), Asia (30%) and Australasia (17%). Annual average proportion of members with bulletin in regions 2019-2021, as shown in Fig.3, explains that the over 87% of global membership with Bulletin is from Europe (48%), Asia (20%) and Australasia (19%). Members and NGs/RGs of Europe, Aisa and Australasia have been keeping attention to IAEG. The president candidates for next official term are all from the 3 regions.

Table 1: Global Number of Members 2019 - September 7, 2022

Year	2019	2020	2021	September 7, 2022
Global Number	4522	4526	4564	3925
With Bulletin	1711	1783	1755	1472

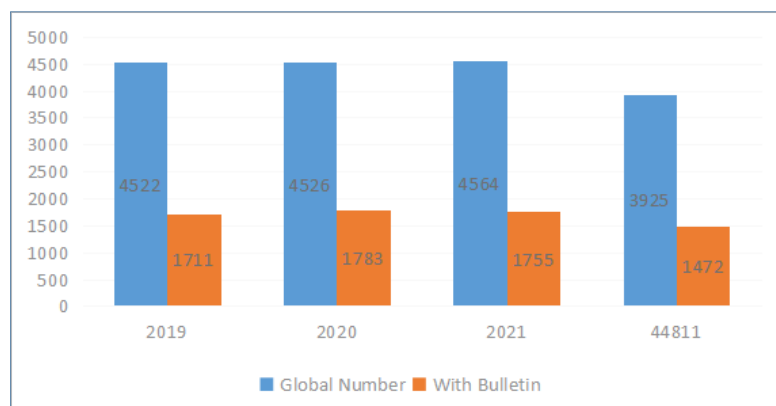


Fig. 1 Global number of members 2019 - September 7, 2022

Table 2: Number of Members in Regions

Region	2019	2020	2021	September 7, 2022
Africa	243	254	290	278
Asia	1358	1347	1334	1223
Australasia	797	799	792	361
Europe	1781	1718	1749	1709
Latin America	103	79	131	133
North America	231	319	257	221

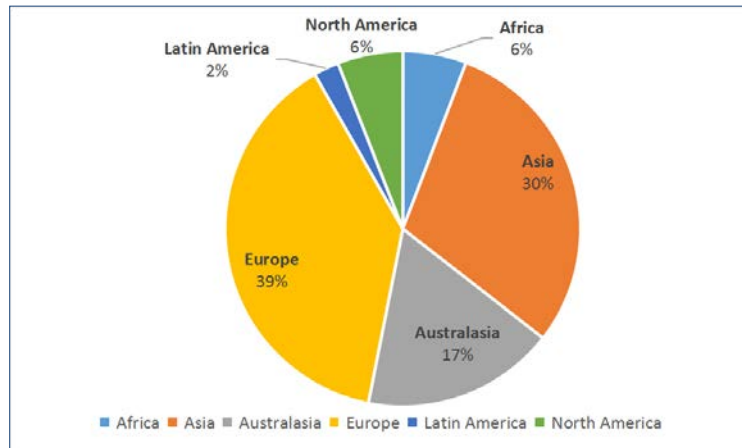


Fig. 2 Annual average proportion of members in regions 2019-2021

Table 3: Number of Members with Bulletin in Regions

Region	2019	2020	2021	September 7, 2022
Africa	30	20	32	47
Asia	330	365	349	347
Australasia	333	333	324	156
Europe	810	840	870	851
Latin America	57	72	86	71
North America	101	152	94	0

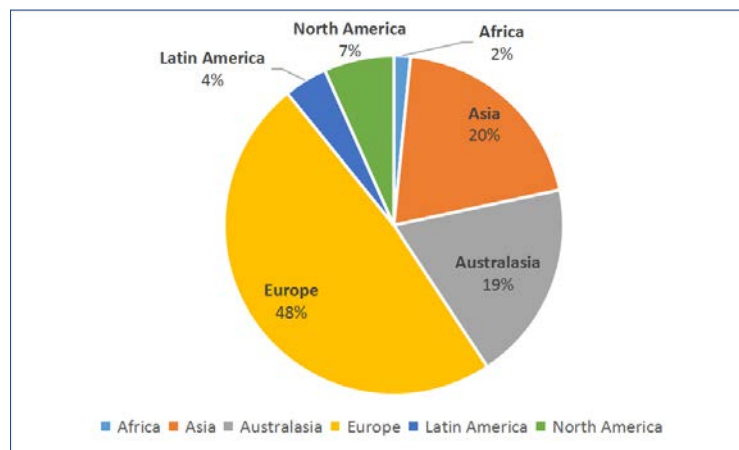


Fig. 3 Annual average proportion of members with bulletin in regions 2019-2021

Table 4: Membership in NG/RGs

No.	NG/RG	2019	2020	2021	Sept. 7,2022	Number of years absent
1	Australia	320	340	335	361	0
2	New Zealand	477	459	457		1
3	Albania		11			3
4	Austria	21	21	20	20	0
5	Bulgaria	13	10	10	10	0
6	Croatia	26	25	24	24	0
7	Cyprus					4
8	France	181	117	91	111	0
9	Georgia	15	16	16	14	0
10	Greece	91	93	92	89	0
11	Hungary					4
12	Italy	84	91	95	94	0
13	Portugal	76	71	66	65	0
14	Romania	18		18	22	1
15	Serbia					4
16	Slovenia	27	27	27	43	0
17	Spain		40	35	33	1
18	Switzerland	74	68	66	59	0
19	Turkey	113	114	116	121	0
20	Netherlands	31	31	29	28	0
21	Lithuania	10				3
22	United Kingdom	265	292	384	399	0
23	Belgium	77	55	68		1
24	Czech Republic	25	26	25	31	0
25	Denmark					4
26	Estonia					4
27	Finland					4
28	Germany	496	481	468	467	0
29	Iceland					4
30	Ireland					4
31	Norway					4
32	Poland					4
33	Russia	85	85	85	85	0
34	Slovak Republic	7	7	7	6	0
35	Sweden	46	36		47	1
36	Kyrgyzstan		1	1		1
37	Belorussia			6	6	0
38	Uzbekistan					3
39	Algeria					4
40	Nigeria	34	48	82	76	0
41	South Africa	209	206	208	202	0
42	Canada	109	97	105		1

43	USA	122	222	152	221	0
44	Argentina	32	24	15	14	0
45	Bolivia					1
46	Brazil	19	27	24	19	0
47	Chile		14	30	38	0
48	Colombia	14		13	11	1
49	Costa Rica		14	18	18	0
50	Mexico			5	5	0
51	Paraguay	38			28	2
52	Peru			11		1
53	Bangladesh	58	61	61		1
54	China P.R.	585	585	585	585	0
55	Chinese Taipei	49	83	60	60	0
56	Hong Kong SAS	5	6	7	8	0
57	India	100	79	64	84	0
58	Indonesia					4
59	Iran					4
60	Iraq	13		14		2
61	Japan	87	77	73	69	0
62	Korea	77	76	79	85	0
63	Malaysia	39	42			2
64	Mongolia		12	12	10	0
65	Myanmar					3
66	Nepal NSEG	175	132	128	127	0
	Nepal NGS	112	135	130		1
67	Singapore	81	48	83	110	0
68	SEAGS	16	11	6		1
69	Vietnam			32	32	0

In Table 5, the five biggest National Groups in 2019-2021 are China, Germany, New Zealand, United Kingdom and Australia from regions Asia, Europe and Australasia.

Table 5 : The Five Biggest National Groups

Year	National Groups and No. of members				
	No.1	No.2	No.3	No.4	No.5
2019	China	Germany	New Zealand	Australia	United Kingdom
	585	496	477	320	265
2020	China	Germany	New Zealand	Australia	USA
	585	481	459	340	292
2021	China	Germany	New Zealand	United Kingdom	Australia
	585	468	457	384	335
September 7, 2022	China	Germany	United Kingdom	Australia	USA
	585	467	399	361	221

2) New and reactivated National/Regional Groups

Affected by the global COVID-19 epidemic, with the support of Council and VPs, especially VPs for Europe region, IAEG still completed the procedure to accept 2 reactivated national groups and 10 new national groups.

Table 6: Number of Members in Regions

Year	Reactivated NGs and RGs	New NGs and RGs
2019	0	Kyrgyzstan, Myanmar, Uzbekistan
2020	0	0
2021	Iran, Vietnam	Belorussia, Bolivia, Chile, Costa Rica, Mexico, Mongolia, Peru
2022	0	0

3) Newsletters

The quarterly Newsletter is one of the most important windows for IAEG. It could be directly emailed to every member. In 2019 - Sept. 2022, 12 issues of Newsletter have been distributed among IAEG family. Since Issue No.1 2021, Newsletter has a further revision with Cover Story. Editors carefully invited and selected the cover photos and text descriptions, provided by IAEG members with senior experience from regions in turns, which included engineering geology knowledge, human activities and environment, major engineering practices and so on. The cover story can spread professional knowledge and practical projects, and greatly promote the popularization of engineering geology.



Fig. 4 Cover story of Newsletter

The Statistics in Table 7 shows the quantity of the national and regional groups and the commissions to provide the news for Newsletter from 2019 to 2022. China, Japan, Nigeria and Bangladesh contributed many news for every issue of Newsletter.

Table 7: Overview of News Resource provided in 2019-2022

NG/RG	2019	2020	2021	2022	Total	NG/RG	2019	2020	2021	2022	Total
Albania	1	1	1		3	Italy	1	1	2		4
Argentina		1		1	2	Japan	3	3	3	2	11
Australia			1		1	Korea			2		2
Austria			1		1	Kyrgyzstan	1				1
Bangladesh	2	2	3	1	8	Malaysia			1		1
Belgium		1	2	1	4	Mongolia			1		1
Belorussia			1		1	Nepal		2	1		3
Brazil		2	1		3	Netherlands			2		2
Canada			1	1	2	New Zealand	1				1
Chile			1		1	Nigeria	3	3	1	1	8
China	4	2	4	2	12	Portugal	1	1	3		5
Chinese Taipei	3	2	1		6	Romania			2		2
Colombia		1	2		3	Russia	1		1		2
Costa Rica		1	1		2	Serbia			1	1	2
Croatia			2		2	Singapore	1		3		4
Czech Republic			1		1	Slovak Republic			2		2
France	1		1		2	South Africa	1	1			2
Georgia			1		1	Spain			1		1
Germany	1	1	2	1	5	Sweden		2			2
Greece	1		1	2	4	United Kingdom		1	1		2
Hong Kong SAR	1				1	Turkey	2	2			4
India	1	2	1		4	USA	2	4	1		7
Iran		1		1	2	Vietnam		1	1		2
Iraq	1				1						31
Commission	2019	2020	2021	2022	Total	Commission	2019	2020	2021	2022	Total
C10	2				2	C32			1		1
C17			1		1	C35			1		1
C21			1		1	C36			1		1
C24			1		1	C37			1	1	2
C25				1	1	C38	1		1		2
C28		1	1	1	3	C39		1	1		2
C29	2		1		3						

4) Monthly Planner and Note Book

The Secretariat designed and circulated IAEG monthly planner and Note Book both including latest contact information in the end of every year to NGs, Commissions, sister societies and Springer Nature.

5) Conferences and meetings

In Table 8, during the global COVID-19 epidemic, except for 2020 without major academic activities, IAEG hosted and sponsored major activities in regions every year. VPs and NGs made great contribution. The Secretariat has prepared and assisted series of conferences and working meetings in the past years, especially try the best to ensure the mid-year working, ExCom and Council meetings to be hold successfully.

From statistics of Council Meeting attendance, we could see that the Commissions are less active than NGs (Table 9). With the joint efforts in IAEG family, the legal quorums of IAEG Council meetings were high. More and More NGs/RGs take part in IAEG management and decision. The proposals, discussion and decisions of the Council truly represents the well-being of our members.

Besides events mentioned above, Secretary General Prof. Faquan WU also attended several academic conferences and working meetings listed in Table 10.

Table 8 IAEG Conferences and meetings in 2019-2022

Date	Activities	Venue
4-5 April, 2019	Mid-Year Working Meeting of IAEG ExCom	Paris, France
21-22 September, 2019	IAEG ExCom and Council Meeting 2019	Jeju Island, Korea
23-27 September, 2019	The 12th Asian Regional Conference of IAEG <i>Role of Engineering in Geology for the Safe Society and Environment</i>	Jeju Island, Korea
19-21 October, 2019	The 2nd Shaoxing International Forum on Rock Mechanics and Engineering Geology <i>New Technologies in Engineering Geology and Rock Mechanics</i>	Shaoxing, China
27-30 October, 2019	The 2nd IAEG African Regional Conference and 4 th NAEAGE Annual International Conference <i>Environmental and Engineering Geological Mapping for Sustainable Development</i>	Abuja, Nigeria
6-7 April, 2021	IAEG ExCom and Council Meeting 2021	Athens, Greece
8-12 April, 2021	The 3rd European Regional Conference of IAEG <i>Leading to Innovative Engineering Geology Practices</i>	Athens, Greece
23 April, 2021	Mid-Year Working Meeting of IAEG ExCom	Online
8-10 September, 2021	The 1st Southern American Regional Conference of IAEG and 2nd Argentine Congress of Geology Applied to Engineering and the Environment <i>Geology Applied to the Development of Society</i>	Cordoba, Argentina
16-18 November, 2021	The 13th Asian Regional Conference of IAEG <i>Engineering Geology for Sustainable Resource and Infrastructure Development</i>	Singapore
21 June, 2022	Mid-Year Working Meeting of IAEG ExCom	Online
13-14 September, 2022	IAEG ExCom and Council Meeting 2022	Online
9-14 October, 2022	The 3rd IAEG Africa Regional Conference and 7th NAEAGE Annual International Conference <i>Engineering Geology: Imperative for Infrastructural Development and Sustainability of Cities in Africa</i>	LAGOS, Nigeria

Table 9: IAEG Council meeting attendance in 2019-2021

Event	Jeju Island, Korea 2019	2020	Athens, Greece, 2021
NG/RG	33	Cancelled due to epidemic	41
Commission	3		9
Legal Quorum	58.5%		64.4%

Table 10 : Other Secretary General Activities in 2019-2022

Date	Activity	Venue
11-12 May, 2019	International Conference on Silk-roads Disaster Risk Reduction and Sustainable Development (SiDRR) Session 4 - Engineering Geology and Geological Engineering organized by IAEG C29 Structure and Behavior of Soil and Rock Mass and IAEG C38 Rockmass Characterization with Emphasis in Rock Slope Hazards	Beijing, China
13 October, 2021	FedIGS Board Meeting 2021	Online
9-11 December, 2021	International Conference EGCON-2021	Online, India NG
14 March, 2022	4th Governing Council Meeting of IUGS DDE Program	Online

6) Awards

In 2019, the Honorary membership was awarded to Kiril Anguelov (Bulgaria).

In 2020, the Hans Cloos Medal was awarded to Faquan WU (China), the Richard Wolters' Prize was awarded to Yifei CUI (China), Marcel Arnould Medal was awarded to Martin Culshaw (UK), And the Honorary Membership is awarded to Victor Osipov (Russia).

In 2021, the Honorary President of IAEG was awarded to Paul Marinos (Greece).

In 2022, the Hans Cloos Medal was awarded to Louis Van Rooy (South Africa), Marcel Arnould Medal was awarded to Christion Schroeder (Belgium).

7) IAEG invited as a partner of the Kyoto Landslide Commitment 2020 (KLC2020)

In 2020, ICL (The International Consortium on Landslides) sent an Invitation to IAEG for partner of KLC2020 (the Kyoto Landslide Commitment 2020). Rafiq Azzam, the president of IAEG, has signed to accept the invitation. Rafiq also accepted to be the Honorary Chairperson of the organizing committee of The Fifth World Landslide Forum (WLF5).

8) 50th Anniversary of BOEG

In 2020, IAEG official scientific journal Bulletin of Engineering Geology and the Environment was published for 50 years. Editors-in-Chief Reşat Ulusay and Louis N. Y. Wong wrote the article ***From 1970 to 2020: the 50th Anniversary of "Bulletin of Engineering Geology and the Environment"- the IAEG's Scientific Journal***. BOEG is the top 10 for Engineering, Geological journal category.

9) IAEG Science and Technology Award and International Research Program

Science and Technology Awards of IAEG (STA-IAEG) and International Research Program of IAEG (IRP-IAEG) were initiated in IAEG Council meeting on September 23, 2013, Beijing, China, and approved in IAEG Council meeting on September 14, 2014, Torino, Italy.

STA-IAEG is aiming at promotion of the development of the engineering geology discipline, awarded biannually, includes two separate prizes: the Academic Achievement Award (AAA) and the Technology Progress Award (TPA). The AAA is awarding outstanding new developments in understanding and the TPA is awarding innovative new methods, new technologies, new processes, new software, new materials or new equipment in the field of engineering geology and the environment.

IRP-IAEG is intended to comprise several international research projects focusing on the theme, suggested and selected by IAEG Executive Committee in the purpose on the promotion of the development of the discipline of Engineering Geology. The IRP-IAEG is conducted through the IAEG Commissions.

Any project can be proposed under the program, but generally no more than 5 projects will be active over the same period. The maximum duration of each research project is 4 years.

On August 3 2021, IAEG President Prof. Rafiq Azzam made the president's address on the First Science and Technology Awards of IAEG (STA-IAEG), awarding the outstanding achievements of engineering geological activities on a world-wide basis.

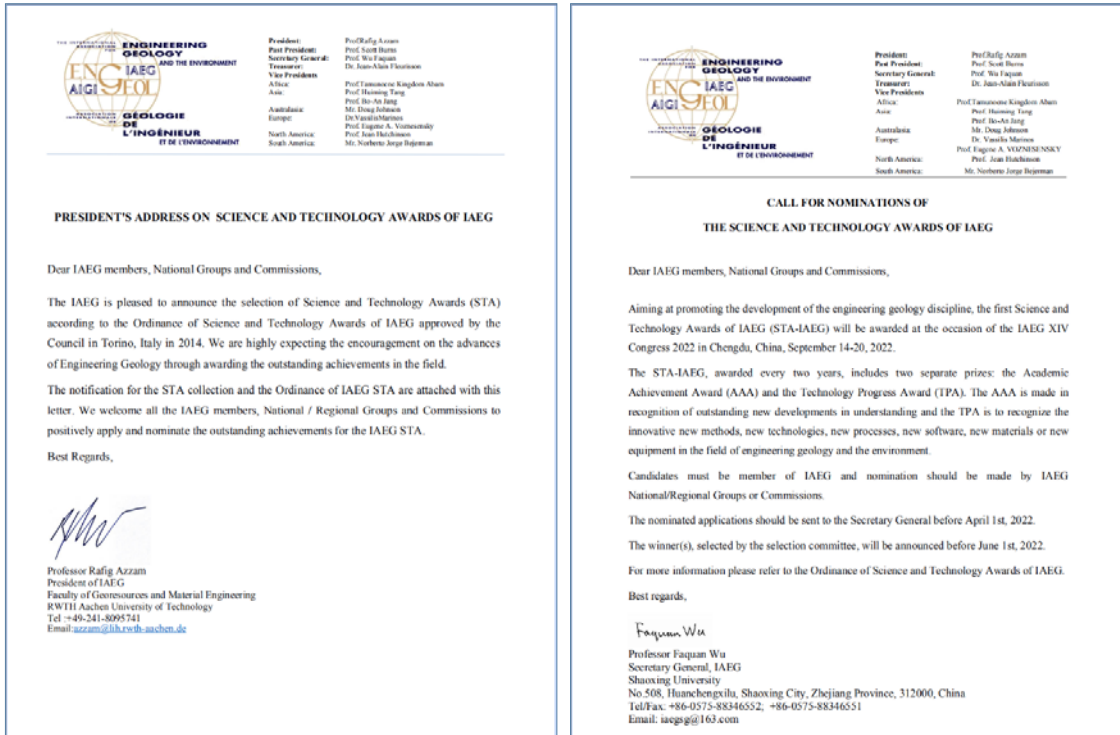


Fig. 5 President's Address and Call for Nomination of IAEG Science and Technology Award

10) IAEG as Founding Member jointed DDE, IUGS

Secretary General Prof. Faquan WU jointly proposed IAEG as Founding Member of the Big Science Research - Deep Time Digital Earth (DDE), IUGS with Prof. Huiming Tang in ExCom and Council meeting 2021. DDE is the first top-level global big science research in IAEG history.

The agreeable knowledge has been reached that there is necessity of future oriented interdisciplinary and technology application in IAEG. Therefore, we proposed the motion for IAEG to DDE, IUGS. DDE is focusing on the Earth evolution with the goal of stimulating data-driven discoveries in geosciences. It is the advanced theory and new technology of our time that make the study of Earth evolution feasible. IAEG may take this advantage to actively spread and exchange these concepts and measures, especially to firmly grasp the power of sharing data for the benefit of IAEG members and commissions in future research.

Combining global warming with the high intensity and high frequency of human activities, the mechanism of engineering geology and environmental disaster is becoming more and more complex which requires the better understanding of the evolution of our solid earth. IAEG-DDE will better develop disciplines in engineering geology and environment and better serve the habitable earth in the breadth and depth of space-time process. The growing big data of DDE will be very useful to IAEG members and commissions.



Fig. 6 IAEG President's Motion and Invitation Letter from DDE GC Chair

11) Obituary of Past President

Professor Paul Marinos, the past president of IAEG for the term 1994 to 1998, passed away on Sunday, October 10th, 2021, aged 77. Professor Paul Marinos has given extraordinary and long-term contributions to the development of IAEG all through his life. And he was awarded as IAEG Hans Cloos Medal in 2000 and the Honorary President of IAEG on October 8th, 2021 during the 3rd European Regional Conference.

Note: If any errors or omissions in the data and information, please contact iaegsg@163.com.

Reports From Other Executive Committee Members

Financial report from Jean Alain

<https://www.dropbox.com/s/vmbnfdzpuvw5h39/2021%20IAEG%20Financial%20report.pdf?dl=0>

<https://www.dropbox.com/s/ytabewhcsn7you7/AIGI%20-%20PLAQUETTE%20Comptes%20annuels%20311221.pdf?dl=0>

Vice President Reports

Bo-An Jang:

<https://www.dropbox.com/scl/fi/1auy7clu2xq5vc6ivl6gq/IAEG-Asia-Report-Bo-An-Jang.pptx?dl=0&rlkey=kvf079exiryhro00du9l5y63>

Huiming Tang:

<https://www.dropbox.com/scl/fi/ydhgomquz38k85wrtff7f/Tang-Huiming-IAEG-Asia-Report-2022.doc?dl=0&rlkey=tiaax75cx0hlikdglftfpybk7>

Eugene A. Voznesensky

<https://www.dropbox.com/s/ltjkg1m5sfcmuo/2022%20Report%20Europe-Eugene.pdf?dl=0>

Vassilis Marinos

https://www.dropbox.com/s/kn2zq8yt27zhlwb/VP%20Marinos%20Annual%20Report%202022_ExecOnline.pdf?dl=0

D. Jean Hutchinson

https://www.dropbox.com/s/bqgdmwjszrzjqg6/VP%20Report%20for%20North%20America_2022-Jean%20Hutchinson.pdf?dl=0

Tamunoene Kingdom Simeon Abam

<https://www.dropbox.com/s/js6kzocxffj6zl9/Report%20of%20IAEG%20Vice%20President%20for%20Africa%202018-2022.pdf?dl=0>

Doug Johnson

https://www.dropbox.com/s/c8g7a38qu9u5e40/Doug-IAEG%20VP%20report%20for%20Australasia_%202022.pdf?dl=0

Norbert Jorge Bejerman

<https://www.dropbox.com/s/09fzb6wjnbykl66/Report%20Video%20for%20LATIN%20AMERICA%20by%20Jorge%20Bejerman.mp4?dl=0>

Reports from BOEG and YEG

BOEG:

<https://www.dropbox.com/scl/fi/1zex3rpxx58p1anv12mg9/BOEG-progress-report-202209.pptx?dl=0&rkey=0tshe5tck3phtjkbuu05v8xp5>

YEG:

<https://www.dropbox.com/s/eev7x6nlabfgli8/YEG%20report%202022.pdf?dl=0>

Website :

https://www.dropbox.com/s/95l4jve9ldruo69/Report%20of%20WEB%20EDITOR%20_2022_.pdf?dl=0

02 NEWS OF COUNCIL MEETING 2022

The 2022 IAEG Council meeting was held on September 14th, 2022 online via Zoom, 86 representatives from 41 National/Regional groups have attended the online Council meeting. The president of IAEG, Rafiq Azzam chaired the meeting.

The Secretary General Faquan Wu has given general report on IAEG Secretariat including membership 2019-2021, IAEG activities, awards, IAEG services of BOEG, website, newsletter and connector, IAEG upcoming events and IAEG future. Moreover, Digital BOEG will be sent to all IAEG members without additional cost since 2023. The Treasurer Jean-Alain Fleurisson has given 2021 financial report, new fee structure and looking-forward budgets. The proposed new fee structure and looking-forward budgets have been accepted and approved by the Council. Proposal of nominating the past president Fred Baynes as the 2022 Honorary Membership has been approved by the Council unanimously.



The chair of the Bylaw Review Committee Jean-Hutchinson has guided the main discussion on the proposed revisions of IAEG Bylaws, she introduced and explained each proposed motion where necessary changes have been made to the Council before each online voting poll via the Zoom system for the Council. All the proposed motions have been approved by the Council. It is addressed that the next Executive Committee shall continue to work on the revisions of IAEG Bylaws and Statutes.

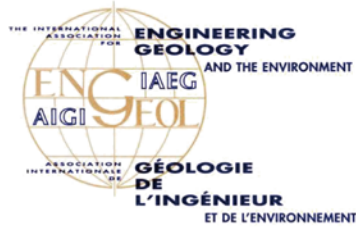
Representatives from National Groups Malaysia, Bangladesh, Chile, Croatia and South Africa have respectively presented proposals for hosting 14th Asian Regional Conference in 2023, 15th Asian Regional Conference in 2025, Latin American Regional Conference in 2024, 4th European Regional Conference in 2024 and 4th African Regional Conference in 2024. All the proposals have been approved by the Council. Representative from Romanian National Group has submitted a proposal for establishing a European Working Group which will be submitted to FedIGS meeting later. Representative from Italian National Group reported the progress of 2022 IAEG Summer school activity. A proposal of Dr. Paul Marinos Distinguished International Lecture Tour, presented by Jean-Hutchinson, has been approved by the Council unanimously.

Dr. Ning Liang on behalf of China National Group gave a brief progress report on the organizing works of XIV IAEG Congress. A first round of full paper reviewing works has been finished already. Totally 289 papers have been received and 276 papers been accepted. A second round of call for submission of full papers is open on September 1st, 2022 and will be closed by the end of December, 2022. There are 14 proposed sessions in different themes being arranged for the IAEG XIV IAEG Congress, plenary speakers from sister societies ISSMGE, ITA, ISRM and IGS have been invited to give plenary lectures at the Congress as well.

The 2022 election for officers of IAEG Executive Committee for term 2023-2026 has been organized online. After each candidate giving election statement to the Council, online secret voting has been implemented via Zoom, by adding the email voting results together with the online voting results, the final result of the election has been announced and the new elected IAEG President Vassilis Marinos gave an address to the Council at the end of the meeting.



03/ ELECTION RESULT OF IAEG OFFICERS FOR 2023-2026



President:	Prof. Rafiq Azzam
Past President:	Prof. Scott Burns
Secretary General:	Prof. Wu Faquan
Treasurer:	Dr. Jean-Alain Fleurisson
Vice Presidents	
Africa:	Prof. Tamunoene Kingdom Abam
Asia:	Prof. Huiming Tang Prof. Bo-An Jang
Australasia:	Mr. Doug Johnson
Europe:	Dr. Vassilis Marinos Prof. Eugene A. VOZNESENKY
North America:	Prof. Jean Hutchinson
Latin America:	Mr. Norberto Jorge Bejerman

Professor Faquan Wu
IAEG Secretary General:
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Announcement of Elected IAEG Officers for Term 2023-2026

Dear colleagues,

The election of officers for the Executive Committee of term 2023-2026, was held online via Zoom at the Council Meeting on September 14th, 2022. The elected new officers of Executive Committee for term 2023-2026 are announced below:

President	Vassilis Marinos (Greece)
Secretary General	Faquan WU (China)
Treasurer	Jean-Alain Fleurisson (France)
Vice-Presidents:	
Africa:	Moshood Niyi TIJANI (Nigeria)
Asia:	Ranjan Kumar Dahal (Nepal) YongSeok SEO (Korea)
Australasia	Anthony Bowden (Australia)
Europe:	Helen Reeves (UK) Janusz Wasowski (Italy)
Latin American	Victor Manuel Hernández Madrigal (Mexico)
North American	Julien Cohen-Waeber (USA)

President (Signature): Rafiq Azzam

September 26th, 2022

The New Executive Committee 2023-2026



Vassilis Marinos
PRESIDENT



Rafiq Azzam
PAST PRESIDENT



WU Faquan
SECRETARY GENERAL



Jean-Alain Fleurisson
TRESAURER



Ranjan Kumar Dahal
VP for ASIA



YongSeok SEO
VP for ASIA



Moshood Niyi TIJANI
VP for AFRICA



Anthony Bowden
VP for AUSTRALASIA



Janusz Wasowski
VP for EUROPE



Helen Reeves
VP for EUROPE



Víctor Manuel
Hernández Madrigal
VP for LATIN AMERICA

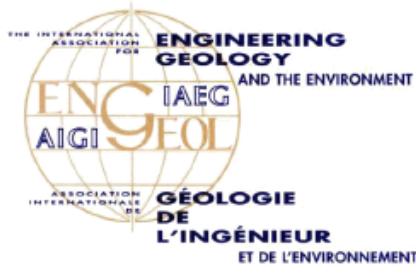


Julien Cohen-Waeber
VP for N. AMERICA

04/ ANNOUNCEMENT FOR IAEG HONORARY MEMBRSHIP

IAEG Honorary Membership 2022

Dr. Fred Baynes nominated by Australian National Group is awarded IAEG Honorary Membership for the year of 2022.



President:	Prof. Rafiq Azzam
Past President:	Prof. Scott Burns
Secretary General:	Prof. Wu Faquan
Treasurer:	Dr. Jean-Alain Fleurisson
Vice Presidents	
Africa:	Prof. Tamunoene Kingdom Abam
Asia:	Prof. Huiming Tang Prof. Bo-An Jang
Australasia:	Mr. Doug Johnson
Europe:	Dr. Vassilis Marinos Prof. Eugene A. VOZNESENSKY
North America:	Prof. Jean Hutchinson
Latin America:	Mr. Norberto Jorge Bejerman

Professor Faquan Wu
IAEG Secretary General:
Shaoxing University
No. 508 Huanchengxilu, Shaoxing City, Zhejiang Province, 312000, CHINA
Tel/Fax: +86 -575 -8834 8551, Mobile: +86-13910509506
Email: iaegsg@163.com

ANNOUNCEMENT OF 2022 HONORARY MEMBERSHIP RECIPIENT

Dear colleagues,

I am very pleased to inform you that the recipient for 2022 HONORARY MEMBERSHIP is Dr. Fred Baynes from Australia, nominated by the Australian National Group. The Council has approved the proposal at the council meeting held on September 14h, 2022, for Dr. Fred Baynes's exceptional services to the Association.

Congratulations to Dr. Fred Baynes and the Australian National Group!

Best Regards,

Professor Rafiq Azzam
President of International Association for Engineering Geology and the Environment
Head of Department of Engineering Geology and Hydrogeology
Faculty of Georesources and Material Engineering
RWTH Aachen University of Technology
Tel :+49 241 8095741 Email: azzam@lih.rwth-aachen.de

IAEG Honorary Membership 2022



Dr. Fred Baynes has been approved to award the IAEG Honorary Membership for the year of 2022, for his great contributions to the discipline of engineering geology and the development of IAEG.

Fred Baynes has been an active member of the IAEG in Australia for over 30 years and has represented the Association at a State, National and International level. He served as IAEG Vice President for Australasia and subsequently as IAEG President. He continues to be an active participant in Association activities both here in Australia and around the world.

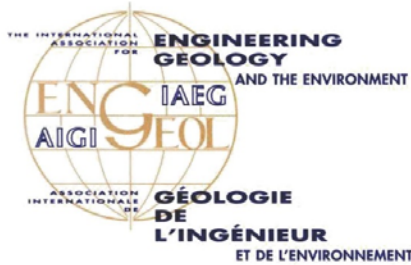
Between 1999 and 2003 Fred was the IAEG liaison in Australia and subsequently served as the Vice-President for Australasia (encompassing New Zealand and Australia) between 2003 and 2006. As Australian IAEG liaison and VP he represented the Association on the national committee of the Australian Geomechanics Society which is an umbrella organisation which brings together engineering geologists from IAEG and engineers from the International Society for Rock Mechanics and the International Society of Soil Mechanics and Geotechnical Engineering. During this time he was part of the organising committee of the hugely successful GeoEng 2000 Conference in Melbourne. Fred was elected President of the IAEG at the Nottingham Congress in 2006 and assumed office in January 2007. This was a difficult period because of declining membership, the increasing age of members and a general lack of engagement by members in the endeavours of the Association. Fred's vision for IAEG was of an Association that provided networking opportunities, allowed access to high level technical content and, above all, delivered benefits to its members. During his tenure as President, Fred chaired meetings of the IAEG Executive and Council in Vail, USA in 2007, in Madrid, Spain in 2008, in Chengdu, China in 2009 and finally at the IAEG Congress in Auckland, New Zealand in 2010. In addition, Fred travelled to Los Angeles, USA in 2007 to attend the AEG Annual meeting, to Seoul,

Korea in 2008 to attend the 6th Asian Regional Conference. In 2009, Fred travelled to South Africa where he attended the Problem Soils Seminar and gave talks in Johannesburg, Durban and Cape Town and then to Brazil where he attended the 12th CBGE Regional Congress and gave talks in Sao Paulo, Rio de Janeiro and Recife. These meetings with IAEG members around the world provided him valuable insights into the needs of the members. Each year of his Presidency, and also as a Past-President, Fred attended meetings of FedIGS in Lisbon, Paris, London, Ghent, Madrid, Cairo, Ghent, London and Rome and became increasingly concerned that the developing organization was not serving the interests of the ordinary members of IAEG and was involved in the decision in March 2010 to change to a smaller, less powerful FedIGS. In 2010 in his last year as President he advocated to the Executive regarding the changes that he felt were needed to modernise IAEG and how to improve the management and the timely, cost-effective delivery of services to the members. A "modernisation plan" was developed and provided for consideration by the incoming Executive during the IAEG Congress in Auckland.

Fred has been a very active member of IAEG Commissions. During his time on Council, he undertook a review of the workings of the Commissions and concluded that there was little activity. During his presidency the number of Commissions increased from about 4 in 2005 to over 20 in 2010, because he considered that the Commissions were the "technical engines" of IAEG, providing feed stock for IAEG Bulletin and meetings. Most recently, Fred has been a leading contributor to the Commission 25 on engineering geological models and is currently working on finalising the guidelines for the use of engineering geological models on projects. Fred regularly teaches engineering geology to civil

engineering undergraduates in the UK and professional development courses on behalf of IAEG in engineering geology and geology for engineers to practitioners in Australia and New Zealand. He has also developed and delivered a variety of shorter professional development courses for IAEG on applied landslide risk and the logging of rocks and soils. Many of these courses have an international attendance. Recently he was a lead member of a working group that prepared a revision of Australian Standard for geotechnical site investigations. The new Australian standard aligns with international developments and includes normative requirements for preparation of geological models for site investigation programs. As a prominent engineering geologist Fred has been an invited speaker at conferences in Brazil, South Africa, United Kingdom, Hong Kong, New Zealand, Australia and the Czech Republic. Fred takes personal responsibility in ensuring the future of the engineering geology profession and gives generously of his time to teach, mentor and promote the profession.

05/ NOTIFICATION OF RECIPIENTS FOR 2022 RWP



President:	Prof. Rafiq Azzam
Past President:	Prof. Scott Burns
Secretary General:	Prof. Wu Faquan
Treasurer:	Dr. Jean-Alain Fleurisson
Vice Presidents	
Africa:	Prof. Tamunoene Kingdom Abam
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Australasia:	Mr. Doug Johnson
Europe:	Dr. Vassilis Marinos Prof. Eugene A. VOZNESENSKY
North America:	Prof. Jean Hutchinson
South America:	Mr. Norberto Jorge Bejerman

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

NOTIFICATION OF RECIPIENTS FOR 2022 RICHARD WOLTERS PRIZE

Dear Colleagues,

This is the formal notification to inform you that the winner of 2022 Richard Wolters Prize is awarded to Dr. Jennifer Day nominated by the Canadian National Group and the runner-ups to Dr. Wenping Gong nominated by the China National Group and Dr. Gianvito Scaringi nominated by the Czech Republic National Group, for their meritorious scientific achievements and contributions to engineering geology.

Congratulations to the recipients and their National Groups!

Best Regards,

President (Signature):

Rafiq Azzam

Secretary General (Signature):

Faquan Wu

Date: October 18th 2022

06/ YEG ACTIVITIES

12th e-YEG Webinar

The group of Young Engineering Geologists (YEG) – IAEG invites you to the 12th series of “e-YEG” webinars with invited presentations from Mr. Dean Francuch (Los Angeles, USA) & Mr. Matthew Pendleton (Ontario, Canada).

-Registration link: <https://forms.gle/bPVSrgqT5k8UM2qb8>

Topic: Hollywood’s Dirty Dirt: Environmental and Engineering Geology Professions in Southern

Day: 6th October 2022 (Thursday)

Time: 15:00 UTC (GMT)

Platform: Zoom Appa

The group of Young Engineering Geologists (YEG) – IAEG invites you to the 12th series of “e-YEG” webinars with invited presentations from Mr. **Dean Francuch** (Los Angeles, USA) & Mr. **Matthew Pendleton** (Ontario, Canada)

Topic: Hollywood’s Dirty Dirt: Environmental and Engineering Geology Professions in Southern California

Day: Thursday, 6th October 2022

Time: 15:00 UTC (GMT)

Platform: Zoom App

Registration link: <https://forms.gle/bPVSrgqT5k8UM2qb8>

Dean Francuch is a practicing California Professional Geologist and Certified Engineering Geologist for Shannon & Wilson and has over 35 years of experience. Dean has been conducting and managing projects involving engineering geology for engineered facilities including landfills, mines, railroads, light-rail transit facilities, interstate highways, sewage treatment plants, power generation plants, and pipelines, as well as large scale residential developments and schools. His experience includes working on both private- and public-funded projects from single-lot homes to 10-mile-long freeway corridors. Dean has investigated active faults, landslides, tar seeps, springs, and other geologic hazards. His groundwater experience includes pump tests and well installation, and he has worked on studies for landfills, industrial facilities, and gas stations. Dean has worked on project sites spanning California from the southern border to the Cascades, and he also has experience with sites in Arizona, Colorado, Nevada, and Montana. He is a member of the AEG Southern California Chapter, serving as Vice-Chairperson since 2017.

Matthew Pendleton is a PhD student in physical hydrogeology at the University of Waterloo in Ontario, Canada, and is also a practicing California Professional Geologist and Certified Hydrogeologist for projects based in California. He has seven years of experience as an environmental consultant. His work spans stormwater compliance projects and hydrogeology investigations. In stormwater, Matthew helps California developers facing regulatory enforcement to develop strategies to minimize construction site stormwater pollutants, like muddy water, from entering surface water bodies. In hydrogeology, he investigates and remediates soil and groundwater chlorinated solvent contamination from the soils below industrial facilities. Matthew is an active member of the Association of Environmental and Engineering Geologists (AEG), Southern California Chapter, serving in the roles of Secretary and Chairperson since 2016.

07 MEMBERSHIP UPDATE 2022

By October 12, 2022, the number of IAEG memberships is 4546 from 69 national/regional groups, 1957 with Bulletin, 2565 without Bulletin. The Bulletin will be delivered to the members through the email address provided by the national groups.

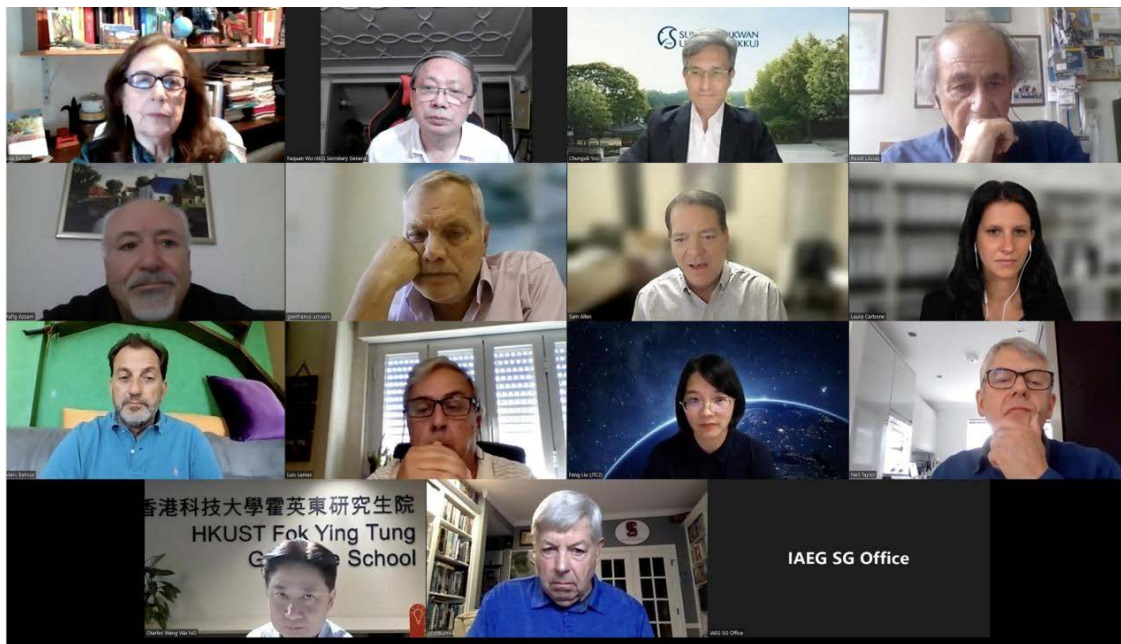
VP	No.	NG	total	With B.	Without B.	Associate members
Doug Johnson	1	Australia	361	156	205	0
	2	New Zealand	522	183	339	0
Vassilis Marinos	3	Albania				
	4	Austria	20	10	10	0
	5	Bulgaria	10	7	3	0
	6	Croatia	25	7	18	
	7	Cyprus				
	8	France	111	71	31	9
	9	Georgia	14	1	13	0
	10	Greece	89	22	67	0
	11	Hungary				
	12	Italy	94	85	9	0
	13	Portugal	65	37	27	1
	14	Romania	22	0	22	0
	15	Serbia				
	16	Slovenia	43	0	43	0
	17	Spain	33	33	0	0
	18	Switzerland	59	59	0	0
	19	Turkey	121	121	0	0
Eugene A. Voznesensky	20	Belorussia	6	3	3	0
	21	Netherlands	28	28	0	0
	22	Lithuania				
	23	The United Kingdom	399	399	0	0
	24	Belgium				
	25	Czech Republic	31	11	20	0
	26	Denmark				
	27	Estonia				
	28	Finland				
	29	Germany	467	39	428	0
	30	Iceland				
	31	Ireland				
	32	Norway				
	33	Poland				
	34	Russia	85	30	55	0
	35	Slovak Republic	6	3	3	0
	36	Sweden	47	47	0	0
	37	Kyrgyzstan				
	38	Uzbekistan				
Tamunoene Kingdom Simeon Abam	39	Algeria				
	40	Nigeria	91	57	34	0
	41	South Africa	202	1	201	0
D. Jean Hutchinson	42	Canada				
	43	USA	221	0	221	0

Norberto Jorge Bejerman	44	Argentina	14	14	0	0
	45	Bolivia				
	46	Brazil	19	10	9	0
	47	Chile	38	12	26	0
	48	Colombia	11	9	2	0
	49	Costa Rica	18	11	7	0
	50	Mexico	5	4	1	0
	51	Paraguay	30	0	30	0
	52	Peru				
	Bo-An Jang Huiming Tang	53	Bangladesh			
54		China	585	227	358	0
55		Chinese Taipei	60	51	9	0
56		HongKong SAS	8	5	3	0
57		India	84	28	56	0
58		Indonesia				
59		Iran	53	0	53	0
60		Iraq				
61		Japan	70	58	6	6
62		Korea	85	0	85	0
63		Malaysia				
64		Mongolia	10	3	7	0
65		Myanmar				
66		Nepal (NGS)				
		Nepal (NSEG)	127	2	125	0
67		Singapore	110	100	10	0
68		SEAGS	7	7	0	0
69	Vietnam	32	6	26	0	
Individual Member			6			
Associate Member			2			
Total			4546	1957	2565	16

08/ NEWS OF SISTER SOCIETIES

2022 FedIGS Board Meeting (online)

FedIGS Board Meeting 2022 organized by IAEG (Online Conference) was held on September 21, 2022. The new elected FedIGS President Chungsik Yoo chaired the meeting. The board members, IAEG President Rafiq Azzam, IAEG Immediate Past President Scott Burns and IAEG Secretary General Faquan Wu attended the meeting. All the board members gave brief reports on their societies and had further discussions on issues proposed on the agenda. JTC chairs also gave summary reports on annual works.



Group Photo of FedIGS Board Meeting 2022

- A proposal of a new JTC on Environment and Geo-sustainability was discussed by the board, Marc Ballouz (ISSMG) and Sam Allen (IGS) will work together to develop a more detailed proposal and circulate it to the board for comments in 2 months. The board members will have online discussions by emails and keep it going in one year.
- Rafiq Azzam on behalf of IAEG introduced the background of the proposal to form a European working group, which is raised for the current situation in Europe that a fight between different societies with regards to who's responsible for doing the investigation or not in big projects. It is suggested to rename the working group to broaden the scope and develop a detailed proposal and to circulate it for board's approval.
- The FedIGS President Chungsik Yoo suggested that we need to think about more details to collaborate each other as a whole. The board members made several suggestions for future activities, such as a FedIGS session (plenary) at the international conference of each member society, FedIGS keynote, FedIGS WhatsApp group, FedIGS Forum. These suggestions shall bring FedIGS more impacts on different societies and increase FedIGS's visibility.
- Chungsik Yoo mentioned that it's important to establish events calendar within FedIGS to collect all events from sister societies scheduled together in the future. The secretary general of each society will send events schedule 2022-2024 to be put together.

- Chungsik Yoo raised that the board can think about recruiting the other societies to join FedIGS, if who has anything comes up, just inform the board for future discussion.
- The next FedIGS meeting will be held in Salzburg, AUSTRIA in October during the 15th ISRM Congress in 2023.

JTC Reports can be viewed via link below:

<https://www.dropbox.com/sh/s2svn86nj75lfb/AADxHYHk8p1whP4JHkqTDqD1a?dl=0>

AUSTRALIA

Planned Activities

The Austrian Society for Geomechanics is organising the 71th Geomechanics Colloquium, which is planned to be held in Salzburg on 12-14 October, 2022. Main topics of the conference will be:

- Current Hydropower Projects;
- Grouting;
- Landslides;
- Artificial Intelligence in Geotechnical Engineering;

Ongoing organisation of the 15th International ISRM Congress 2023 & 72nd Geomechanics Colloquium - Challenges in Rock Mechanics and Rock Engineering, which will be held in Salzburg/

Austria from 9–14 October, 2023. Abstract submission is still open until 31 October, 2022. Topics:

- Deep geothermal energy, Underground storage for liquid and gaseous media;
- Geological risks and natural hazards;
- Long term behaviour of underground structures;
- Challenging rock engineering projects;
- Digitalization & Automatisation;
- Monitoring;
-

Please see <https://www.isrm2023.com/en/>.

BELORUSSIA

- **The II International Scientific and Practical Conference of "Patterns of transformation of ecological functions of geospheres of large mining regions"**

On May 10–15, 2022, at the F. Skorina Gomel State University, the Faculty of Geology and Geography of the University, with the support and participation of the Belarusian National Group IAEG, Vitebsk State University named after P.M. Masherov, Voronezh State University, the Center for Geophysical Monitoring of the National Academy of Sciences of Belarus, the Gomel Department of the Belarusian Geographical Society, held the II International Scientific and Practical Conference "Patterns of transformation of ecological functions of geospheres of large mining regions". The topics of the conference covered the issues of studying the geological space and its ecological functions, the chemical composition of surface and ground waters, geophysical fields of technogenic and natural origin, space monitoring of the geological environment. In total, 28 reports were heard from more than 50 authors from scientific and educational institutions of Belarus (F. Skorina Gomel State University, Vitebsk State University named after P.M. Masherov, Belarusian State University, Center for Geophysical Monitoring of the National Academy of Sciences of Belarus, Republican Unitary Production Enterprise "Granit"), Russia (Lomonosov Moscow State University, Voronezh State

University, Voronezh State University of Engineering Technologies, Federal Research Center "Unified Geophysical Service of the Russian Academy of Sciences", Institute of Physics of the Earth named after O.Yu. Schmidt RAS, Institute of Geoecology named after E.M. Sergeev RAS), Azerbaijan (Institute of Physics of the Academy of Sciences of Azerbaijan, Institute of Geology and Geophysics of the Academy of Sciences of Azerbaijan, Open Joint Stock Company "Azersu", Azerbaijan University of Architecture and Civil Engineering) and Turkmenistan (Institute of Seismology and Atmospheric Physics of the Academy of Sciences of Turkmenistan, International University of Oil and Gas named after Yagshygeldi Kakaev).

- **The International Scientific and Technical Conference "Actual problems of geodesy, cartography, cadastre, geoinformation technologies, rational land and nature management"**

On June 9–10, 2022, members of the Belarusian National Group IAEG took part in the International Scientific and Technical Conference "Actual problems of geodesy, cartography, cadastre, geoinformation technologies, rational land and nature management", held at Polotsk State University. The event was organized by Polotsk State University, Belgeodezia State Enterprise, St. Petersburg Mining University, Perm State National Research University, Mirzo Ulugbek National University of Uzbekistan. During the conference, reports were heard from experts on issues of geodesy, gravimetry, geodynamics, mathematical processing of information, modeling, monitoring and environmental protection, geographic information systems and cartography, photogrammetry and remote sensing of the Earth. The conference was attended by 150 scientists and engineering and technical workers in the field of geodesy, cartography, cadaster and GIS from educational, scientific and industrial organizations of Belarus, Russia, Uzbekistan, Ukraine, Lebanon and Kyrgyzstan (80 speakers and 70 listeners).

- **The III International Field Symposium on the problems of geology and paleogeography of the Quaternary period**

Until the end of 2022, members of the Belarusian National Group IAEG will take part in the work of the III International Field Symposium on the problems of geology and paleogeography of the Quaternary period, which will be held on September 29–30, 2022 on the basis of the Department of Geography and Nature Management of the Faculty of Natural Sciences of Brest State University named after A.S. Pushkin.

CHINESE TAIPEI

2022 Taiwan Rock Engineering and Engineering Geology Symposium

In September 1992, the first Taiwan Rock Symposium was held in National Cheng Kung University, Tainan. Thirty years later, the symposium has become the most important gathering for all rock engineering professionals and students in Taiwan. On May 5th to 6th this year, the symposium incorporates engineering geology, and hereafter officially transformed into Taiwan Rock Engineering and Engineering Geology Symposium. Convened in National Central University, Taiwan, the symposium engaged 87 papers and 195 participants, including 54 people from industry, 13 government agencies, 22 from research institute, and 106 from academia. The grand opening begins in the warm greetings of the ISSMGE, delivered by President Charles W. W. Ng and Vice President Asia Keh-Jian Shou, and regards of IAEG from Vice President Asia Hui-Ming Tang and Bo An-Jang. Providing wonderful experiences, the symposium ends amid the enthusiastic atmosphere in the Forum on Geological Model Uncertainty and Rock Engineering Risk.



COSTA RICA

COCIGA has performed a series of webinars aiming to foster continuous training and information, to our colleagues, on diverse topics, in seven webinars with the participation of 9 speakers:

- 1st Webinar: 3/02/2022. Topic: Modelo numérico de los acuíferos Herradura y Jacó, Cantón de Garabito, Provincia de Puntarenas, Costa Rica (Numerical model of the Herradura and Jacó aquifers, Municipality of Garabito, Province of Puntarenas, Costa Rica).
- 2nd Webinar: 24/03/2022. Topics: Utilización de trazadores fluorescentes en el acuífero kárstico de Venado de San Carlos. Visibilizando el agua subterránea (The use of fluorescent tracers in the Venado karstic aquifer, San Carlos, Costa Rica: Visualizing ground water resources).
- 3rd Webinar: Las aguas subterráneas requieren gobernanza (Groundwater resources management require governance).
- 4th Webinar: 26/04/2022. Topic: Uso directo de la geotermia (Direct use of high and low enthalpy geothermal resources).
- 5th Webinar 28/04/2022. Topic: Evaluación del impacto urbano en la calidad y recarga del acuífero de San Salvador: Una tarea fundamental en la gestión sostenible del agua subterránea urbana (Urban impact assessment of the quality and recharge of the Aquifer of San Salvador, El Salvador: A fundamental task for sustainable development and ground water resources).
- 6th Webinar: 24/08/2022. Topic: Señales sísmicas precursoras antes de dos deslizamientos catastróficos en el volcán Irazú, Costa Rica (Precursors seismic signals before the occurrence of two major landslides at Irazú Volcano, Costa Rica).
- 7th Webinar: 25/08/2022. Topic: Deslizamiento de Santiago de Puriscal: Evolución de 2017 a 2021^a partir del procesamiento de imágenes InSAR (The Puriscal landslide: Evolution from 2017 to 2021 assessed from InSAR imagery).

COCIGA has maintained a consistent series of publications on social media explaining and illustrating the basic concepts of geological engineering and the environment. These publications are distributed on our social media channels:

- Instagram: @cocigacr
- Facebook: @COCIGA2020
- LinkedIn: linkedin.com/cocigacr

- COCIGA opened and has maintained a Youtube channel in which shares the webinars and other educational videos.
- https://www.youtube.com/channel/UCD-ywNE-v_4kbotaQxe4jHg

CZECH REPUBLIC

In June 2022, the national group received the visit of Vassilis Marinos, vice-president for Europe, who also delivered a very interesting seminar, titled: "Engineering geological evaluation for the geotechnical analysis and design of tunnels, with special emphasis to tunnel behavior appraisal".

From June 20th to 24th, the national group, in cooperation with Charles University, organised a seminar and short course on the potential effects of climate change on slope stability. The lectures were delivered by prof. Luca Comegna from the University of Campania, Italy, and were free to attend for students, researchers, and professionals.

The chairman has launched a campaign to get new memberships, particularly among students of engineering geology, recent graduates, and young professionals. If the numbers are sufficient, the chairman wishes to establish, in the near future, a local chapter of the YEGs – Young Engineering Geologists.

In the recent call for nominations for IAEG prizes, the national group, with the support of the vice-president for Europe Eugene Voznesensky, put forward the nomination of Gianvito Scaringi for the IAEG 2022 Richard Wolters Prize.

FRANCE

Regular Scientific and Technical Seminars / Webinars

- March 18th, 2021 « Soft Rocks and Hard Soils”, in collaboration with NG of ISSMGE and ISRM (postponed from 2020 pandemic lockdown)
- April 15th, 2021 « Stones of Notre Dame de Paris Cathedral » (postponed from 2020 pandemic lockdown)
- June 17th, 2021 « gypsum natural dissolution in current earthworks nearby Paris City”
- September 16th, 2021 “Sands as a resource for mineral industry” in collaboration with the French Geological Society and the Society of Mineral Industry
- October 15th, 2021, « Tribute to Pierre Habib et Pierre Duffaut », in collaboration with NG of ISSMGE, ISRM; AITES-ITA, ICOLD and the French Association for seismic engineering
- November 25th, 2021 “Environmental asbestos: impact of the recent NF P 94001 standard”
- January, 20th, 2022 “stability of coastal cliffs”, organized by young people from our NG
- June, 7th, 2022 “Presentations of the candidates to Jean Goguel’s Prize” and “Lessons learned from Serre Ponçon dam engineering geology studies”
- June 29th to July 1st, 2022: National Conference on Geology and Geotechnics (JNGG), in collaboration with NG of ISSMGE and ISRM

Field Trips

- September 24 & 25th, 2021: two-day geological field trip in the western part of Herault Department (south of France)

Partnership With Sister Societies

The IAEG National Group of France continues developing partnerships with other scientific or technical groups in the field of geosciences (SGF, the French Geological Society), hydrogeological sciences (CFH, the French national group of AIH-IAH), mechanical sciences (CFMS: the French group of ISSMGE, CFMR: the French group of ISRM; AFTES: the French group of AITES-ITA), materials and minerals (SIM, Society of Mineral Industry).

GERMANY

Current Activities

Congresses with the participation of officials of IAEG-GER 2021/22 in chronological order

Contributions were made and sessions delivered to

- 3rd European Regional Conference of IAEG, Athens, Greece, Oct. 07-10, 2021, hybrid
- World Landslide Forum, Kyoto, Japan, Nov. 2-6, 2021, hybrid
- European Geological Union General Assembly, Vienna May 23-27, 2022, hybrid

Upcoming events with the participation of IAEG-GER 2022

- Joint Congress of the German Geological Society DGGV and the German Mineralogical Society, GeoMin Colone, Sept 11-15, 2022, including geological field trips, planned in presence
- 37th DGGT Congress on Foundation Engineering, organized by DGGT, Congress Centre Wiesbaden October 5-7, 2022, planned in presence
- German Geotechnical Society DGGT – Forum for “Young Engineering Geologists”, October 14, 2022, <https://tu-freiberg.de/fakultaet3/gt/ingenieurgeologie/> forum-junge-ingenieurgeologinnen online only
- European Geothermal Congress 2022 of the EGEN Geothermal, in cooperation with the German Geothermal Association in Berlin Congress Center, Germany, October 17-21, 2022, planned in presence
- 24th Conference at the Lake Constance October 21-22, 2022 in Freiburg, Germany, organized by SFIG, ÖGG and IAEG-GER, planned in presence
- 20th DGGT Symposium on Abandoned Mines Nov 3-5, 2022 in Freiberg, Germany, organized by the IAEG-GER Working Commission 4.6 Abandoned Mines, planned in presence
- IAEG Congress Sept 21-27, 2023 “Engineering Geology for a Habitable Earth” in Chengdu, China, hybrid event.

GREECE

It is a great honor and pleasure for the Greek National Group of the International Association for Engineering Geology (IAEG) and the Environment to nominate Dr. Vassilis Marinos for the post of the President of the IAEG for the period 2023-2026.

The Greek National Group supports the 16th International Congress of the Geological Society of Greece, to be held at the University of Patras, Greece, from October 17-19, 2022. The president of the national group participates at the organizing committee. Also, a special Session, entitled “S20 New perspectives for the monitoring and early detection of Geohazards” been proposed and organized by the National Group.

HONG KONG

- Webinar on “The Geological Tectonic Background of Madagascar and Exploration of the Ankazina Gibbsite Bauxite on March 18, 2022.
- Webinar on “Reading China’s Rock Formations” on April 23, 2022.
Webinar on “The Beauties and Worries of Penghu Islands” on May 14, 2022.
- 2nd Virtual site visit to Trunk Road T2 and Chao Kwo Ling Tunnel (Construction of Tunnel Boring Machine Launching Shaft and Cut-and-Cover Tunnel) on July, 2022.
- Hong Kong Science Museum Tour – Earth Science Gallery and “The Big Eight – Dinosaur Revelation” Exhibition on August 25, 2022.
- GSHK 40th Anniversary Conference theme “Living Geology 2022” on August 26, 2022.
- Field trip “Thermal Breccia at Kat O & Ap Chau” on August 27, 2022.

ITALY

On February 22 2022, the IAEG organized, with the cooperation of the University of Padua and CNR IRPI, a workshop entitled “extreme meteorological-climatic events and related risk management”. The hybrid event (available on-site or online) was hosted by the University of Padua and was characterized by 300 participants.

On June 23, 2022, the Italian NG endorsed and supported the organization of a workshop dedicated to the memory of Prof. Maurizio Pellegrini. Prof. Pellegrini has been an important member of the Italian NG, and the event was organized in Corniglio, a small town in the Emilian Apennine. The workshop topic was “large landslides: management and analysis and recovery”.

Summer School

The program of the summer school included 1-2 hours frontal lectures conducted in the University of Valle d’Aosta facilities and field trips organized as follows:

Part one: Aosta Valley on July 5, 2022, and Field Trip on July 7, 2022

–*Introduction to geology and geomorphology of the Aosta Valley Region* (Prof. Franco Gianotti)

Engineering Geology, Geohazards and Infrastructures, Risk and Cost-Benefit Analysis (Farrokh Nadim, PhD) Engineering geology from conceptual model construction to investigation for the design and long-term maintenance of hydroelectric structures and infrastructures (Michele Sapigni)

Part Two: Austria on July 11, 2022 and Field trip on July 15, 2022



Group photo on the Beaugard dam



Figure 5. Inclinometric measurements conducted by the students at the Landslide of Baise Pierre during the field trip of Friday 8th



Figure 6. A moment of on-field explanations during the field trip of Monday 11th

KOREA

The 2022 spring conference of KSEG was held in Jeju Island on May 26-27, 2022 with 212 participants and 105 papers. This conference was offered as an off-line conference for the first time after spring, 2019. During the conference, the key note speech was delivered by Prof. Rafiq Azzam (AEG president) titled "Method to substitute threshold criterion of monitoring and early warning in geotechnical construction". In addition, Prof. Boan Jang (IAEG vice president) offered a special lecture for celebration of retirement on his academic career. Notably, a field excursion on Jeju Island was successfully carried out and KSEG members enjoyed the outdoor mingling together.



Spring Conference, 2022



Field Excursion, 2022

MALAYSIA

6th International Conference on Earth Sciences Pakistan 2022

This was my first overseas trip after the relaxation of the movement control order (MCO) of Malaysia. I attended the 6th International Conference on Earth Sciences Pakistan 2022 as keynote speaker at Bara Gali Summer Campus, Abbottabad, of the University of Peshawar, Pakistan. The topic of my presentation was 'Systematic Geo-mechanical Cave Stability Assessment: Malaysian Case Studies'. The presentation focused on and discussed research and consultancy experience gained in cave stability works (Ailie et al. 2020, Goh et al. 2016a, Goh et al. 2016b, Goh et al. 2018, Goh et al. 2019 and Nur et al. 2016). Located at an elevation of 2350 m above sea level, the environment of Bara Gali campus was very chilly in spite of it being mid-June. The participants were from Pakistan, Japan, Afghanistan, Nepal and Malaysia. I was very happy to share a room with a lecturer (Asghar Ghaforzai) from Nangarhar University, Afghanistan, together with Abdul Qayyum and Hameed Ullah from Water and Sanitation Agency (WASA), Pakistan. Associate Professor Dr Hafiz U. Rehman, Graduate School of Science & Engineering, University of Kagoshima, Japan explained the geology of Himalaya mountains during the journey from University of Peshawar to Bara Gali Summer Campus, Abbottabad, Pakistan.



Himalaya mountain range near Abbottabad, Pakistan

NEPAL

NSEG organized its 5th lecture series of tunnel engineering and use of tunnel boring machine. This web-based workshop was conducted in the theme "Experiences on use of Tunnel Boring Machine (TBM) at Bheri-Babai Diversion Multipurpose Project (BBDMP)". The presented lecture and discussions in this workshop were very fruitful. The main suggestion of the lecture series was to improve technical ability of the engineering geologists for tunnel engineering.



Nepalese Society of Engineering Geologists
NSEG Lecture Series – 5, A web-based workshop
August 06, 2022, Saturday, 6:00 PM – 7:30PM
**“Experiences on use of Tunnel Boring Machine (TBM) at Bheri Babai
Diversion Multipurpose Project (BBDMP)”**



Speaker:
Mr. Pursottam Shilpakar
Senior Engineering Geologist

We are pleased to inform you that **Nepalese Society of Engineering Geologists (NSEG)** is organizing its **Fifth NSEG Lecture** in the following date and venue. We would like to invite all geoscientists, engineers and planners to join the lecture.

Date: 06 August 2022, Saturday (श्रावण २१, २०७८, शनिवार)
Time: 6:00 PM-7:30 PM
Venue: Online in Zoom.
Contact: Secretariat office (9801906535)

Direct zoom link: <https://nren.zoom.us/j/63615475648>
Zoom ID: 63615475648

Web support: 

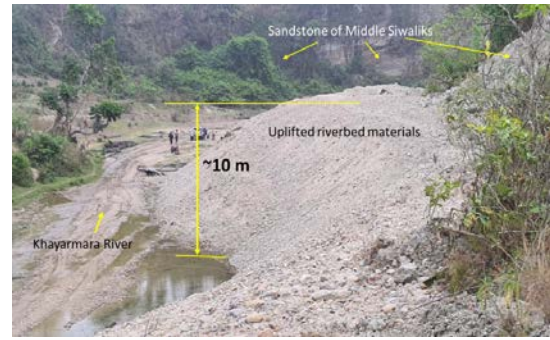
5th lecture series conducted by NSEG

the year 2022 was again painful for Nepal due to abnormal monsoon rainfall. Nepal faced various disasters. As per local community request, Dr. Ranjan Kumar Dahal and Ms. Chandani Bhandari of NSEG has visited the Khayarmara landslide which is situated at the bank of Khayarmara River in ward 11 of Bardibas Municipality, central south Nepal. Bardibas Municipality lies in Mahottari District and shares its boundary with Sindhuli on the North, Sarlahi on West, Dhanusha on East and Gaushala Municipality on the south-east, Bhangaha and Aurahi Municipality on the south. The Khayarmara landslide is a huge rock failure reactivated this year in March 2022. The landslide lies between the Bhangre and Jhyaure village. On March 25, 2022 around two o'clock in the morning, the landslide reactivated and affected 200 households.

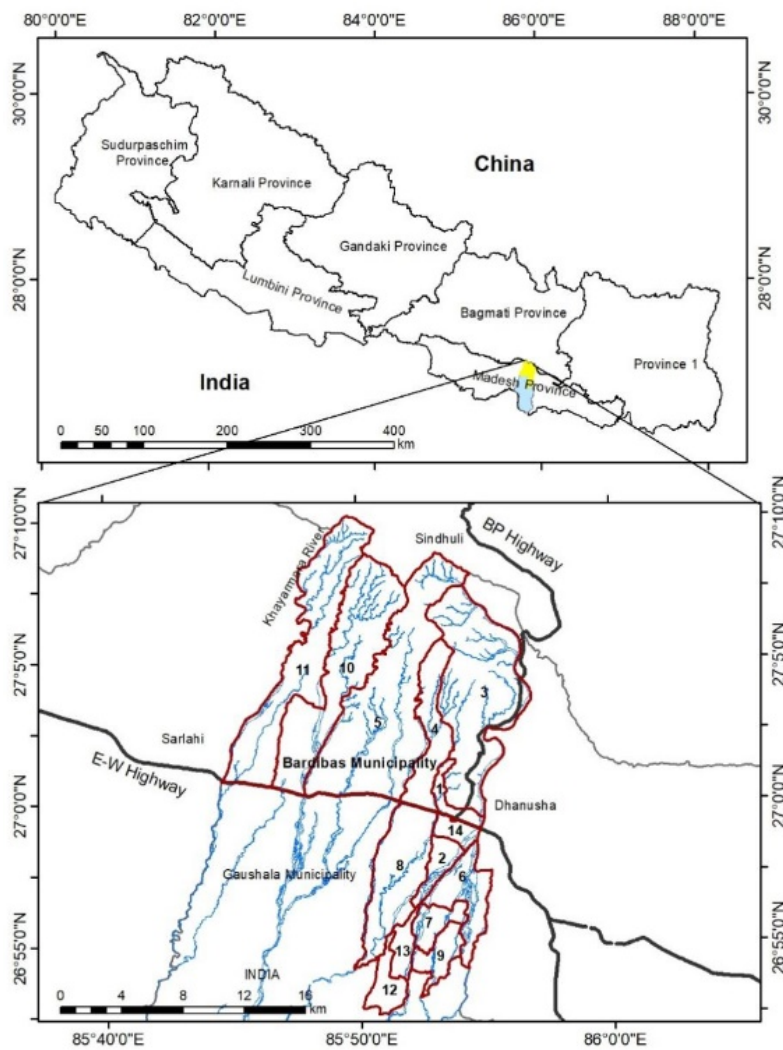
Geologically, the landslide is situated in Middle Siwaliks sub-group of Siwaliks sequence of Nepal and it consists of thick to very thick sandstones of late Miocene-Pliocene of fluvial origin. The toe part of the landslide at Khayarmara River uplifted more than 10m. The landslide was more than 800 m wide and more than 300m long. As a result, new alluvial hills were formed on riverbed. There were 1.5m riverbed materials and below which the landslide has thickly bedded sandstone and thinly bedded mudstone of Middle Siwaliks.



Aerial view of Google Earth image of Khayarmara landslide at 2004, red boundary is boundary of old Khayarmara landslide. (left)



The Khayarmara landslide disrupting the flow of Khayarmara River in toe part. The uplifted riverbed is result of movement in toe part of the landslide. (right)



Location map of Bardibas Municipality

NETHERLANDS

- 18 February 2022- Online invited lecture: Environmental impact assessment of gas extraction below the Wadden Sea by Dr. Robert Hack, Bigbonzo consulting, formerly University Twente, ITC (retired)
- 18 May 2022- Ingeokring-TU Delft symposium dedicated to Wim Verwaal for his 40 years of excellent contribution to the education of Engineering Geology in the Netherlands and beyond.

PERU

The 2nd CPG was held virtually between May 26 and 27, including morning and afternoon sessions.

The 2nd CPG took place virtually between May 26 and 27, featuring morning and afternoon sessions. It was aimed at students and professionals in engineering geology, environmental engineering, and geotechnics. National and international speakers participated in the conference as speakers, including keynote speakers. The most acclaimed were: Ph.D. Nicanor Prendes, MSc. Jorge Bejerman and Sebastian Lobos.

The organizing committee members were: Judith Sullón (General Coordinator), Ph.D. Sandra Villacorta (Scientific Coordinator), B.Sc. Claudia Sánchez (Logistics), B.Sc. Danny Quispe (Social media diffusion) and Eng. Pedro Isique as an advisor. There were 145 participants in total. Admission to the event was free, and the Zoom platform was used to set the virtual talks of each session. The IAPG and the Peruvian consulting firm PIASA S.A. sponsored the organization of the 2CPG.

SINGAPORE

Short Course on Site Investigation for Rock Engineering

A total of 75 participants attended the short course. This short course was conducted by Honorary Member, Prof Zhao Jian on 22 April 2022 and touched on the following topics:

- Planning, methods, and phases of site investigation
- Geophysical and exploration methods
- Drilling, borehole, and core logging
- Field and laboratory rock testing
- Geotechnical investigation and interpretative reports
- Digital data and digital presentations
- Site investigation cases and engineering applications

SLOVAK REPUBLIC

In 2022, the IAEG Slovak National Group (SNG) has **6 members (3 with and 3 without the Bulletin)**. The IAEG SNG is an independent part of the Slovak Association of Engineering Geologists (SAEG) which has 107 members (www.saig.sk). All scientific and educational activities of the SNG are coordinated with the activities of SAEG. President and secretary of the SNG is Martin Ondrášik, PhD. from Slovak University of Technology in Bratislava, Faculty of civil engineering, Department of Geotechnics. After hibernation in 2021 due to Covid-19 quarantine, the Slovak engineering geologists organized Engineering geological conference 2022 in High Tatras mountain resort Nový Smokovec in June 15.-17. The main title of the congress was Landslides and hazards related to climatic changes. The guarantors of the conference were two professors of engineering geology, prof. Miloslav Kopecký and prof. Martin Bednárík. The chief organizers were from Department of Geotechnics of Slovak University

of Technology in Bratislava (STU), Faculty of Civil Engineering and from Department of Engineering Geology of Comenius University, Faculty of Natural Sciences (UK). The conference was supported also by Ministry of Environment of the Slovak Republic (MŽPSR) and by geological survey of the Slovak Republic (ŠGÚDŠ). Over 100 participants from both, academic and industry attended the conference from Slovakia and Czech Republic. Over 25 lectures were presented during the conference and all of them are published in the conference proceedings which is available to download on www.saig.sk in Slovak language.

Part of the conference program was also the ceremonial launch of two engineering geological books: *Zosuvy na Slovensku (Landslides in Slovakia)* by V.Jánová, P.Liščák, M.Kopecký, M.Bednárík, J.Šimeková, M.Ondrášik, P.Pauditš, P.Tupý, L.Petro, P.Ondrejka, V.Greif, P.Ondrus, and *Svahové deformácie (Slope Deformations)* by V.Jánová, K.Házyová, B.Danková, K.Paluchová. Unfortunately, both books are in Slovak language only. The first book has an aspiration to become follower of well know book *Landslides in the Western Carpathians* by A.Nemčok, and the second book is more like information brochure for the public and local administration on the subject what are landslides and how to handle with them. The godparents of the new books became authors' teachers like prof. P.Wagner, prof. R.Holzer, prof. P.Turček and two practical engineering geologists, E.Fussgänger and D.Jadroň.



Photos of the meeting

TURKEY

National Symposium On Engineering Geology And Geotechnics – Enggeo’2021 was held at İstanbul Technical University on June 2-4, 2022.

Erguvanlı Engineering Geology Awards

The Erguvanlı Engineering Geology Awards are given to honor the memory of Prof. Dr. Kemal Erguvanlı, who is the founder of engineering geology in Turkey, and to promote outstanding young researchers in the field of engineering geology. The Erguvanlı Engineering Geology Awards are granted every year to encourage and promote young researchers in four categories: Graduation Projects, MSc Thesis, PhD Thesis and an outstanding paper published in peer reviewed international journals.



Topics within the scope of the technical sessions of the symposium;

It was opened for discussion on the following session titles; “Geotechnical, geomechanical, geodynamic processes (earthquake, landslide, etc.), Slope and slope stability, Engineering geology in underground openings, Urban and environmental geology, Geophysical methods in engineering geology, Geotechnical monitoring and monitoring techniques, Water retention structures, Natural building materials, Modeling and analysis in engineering geology”

A total of 70 papers, including one invited speech, 57 oral and 12 poster papers, were presented at the MÜHJEO’2021 Symposium attended by approximately 400 people. Although the symposium was planned at the national level, a total of 12 papers prepared by foreign scientists were also presented orally. The full texts of all the papers were published in MÜHJEO’2021 Symposium Proceedings Book and distributed to the participants after passing the referee evaluation process. In addition, it has been published as an “Electronic Book” in the ITU library and has been made available to more readers.

Technical Trip

After the technical sessions in 2-3 June 2022, symposium participants joined a technical trip to a metro station construction site, where difficult geological conditions are valid and the NATM method is applied to shaft and tunnel constructions for the solution of transportation problems of the İstanbul mega city.



Istanbul Kirazlı-Halkalı Metro Line

USA

AEG's 2022 Annual Meeting is being held at the Planet Hollywood Resort & Casino in Las Vegas, Nevada, on September 12-17. The theme of this year's event in Las Vegas is fittingly "Geology in the Wild". AEG's 2023 annual meeting will be held in Portland, Oregon, on September 19-24. The theme for the Portland event is "Hazards in Hindsight...Lessons for the Future".

The GSA 2022 annual meeting will be held in Denver, Colorado, on October 9-12, with both online and in person attendance options available. GSA's 2023 annual meeting will be held in Pittsburgh, Pennsylvania, on October 15-18.

AEG continue to provide their members with access to various resources in the form of webinars and short courses. AEG provides regular webinars and short courses for continuing education and professional development on a number of technical and professional topics. The webinars are available to anyone, but AEG members are able to attend at no cost and recordings of the webinars are archived and available on the AEG website. Short courses are also available to all, but members may receive discounted rates to attend.

AEG and EEGD also provide their members with access to valuable publications. The journal Environmental and Engineering Geoscience is a joint AEG/EEGD quarterly publication of peer-reviewed

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articles and book reviews. EEGD also co-sponsors with GSA the publication Reviews in Engineering Geology. The "AEG News" is a quarterly publication with various technical commentary, short case histories and association news showcasing the activities of local chapters at the national stage. Similarly, the EEGD produces its own newsletter. Submissions are encouraged!

Young members and student members are the future of the AEG and GSA. Dedicated young and student member events are held at each AEG and GSA national meetings with a general focus on mentorship and professional development. They are a highlight that many look forward to each year. More regularly, local AEG chapters across the country hold student and young member events, which contribute greatly to AEG's student chapters remaining active and engaged. Of course, Key faculty members are essential to the formation and continuity of these student chapters. In recognition of their value, AEG and GSA are proud to offer membership to students and early career professionals at a greatly discounted cost. AEG offers free membership to students and discounted membership to early career professionals for three years after completion of their degree. EEGD offers discounted membership to students and to early career professionals for six years after completion of their degree. These discounted memberships are a significant encouragement to future membership and

an important reason for strong student participation year over year.

The AEG Foundation (<http://www.aegfoundation.org>) administers twelve student scholarship funds and seven grant programs for professionals. Foundation assets have grown to the current amount of over \$1,200,000 at the end of Fiscal Year 2022. Foundation has awarded \$54,500 in scholarships and \$7,050 in grants in 2022.

AEG Technical Working Groups also remain active. The Dams and Levees group held a successful specialty geotechnical workshop in 2021 with the United States Society on Dams. The Geologic and Seismic Hazards group held a virtual conference on "Methods and Case Histories for Characterization of Potential Geologic and Seismic Hazards" in 2022.

10 NEWS OF COMMISSIONS

COMMISSION 17

A number of activities are planned for the next year or so.

- The next meeting will take place in Chengdu, China, during IAEG XIV Congress 2023, 21-27 September 2023.
- As the aggregate commission, it is planned to write books or special publications about aggregates in the following years.
- Commission Activities will be generally focused on green deal, responsible sourcing and responsible mining that mainly related with engineering Geological studies. Related with these subjects, an International Project is planned.
- An International Aggregate Symposium is planned to be held in Istanbul-Turkey soon.
- We are planning to attend to Beton 2013 Ready Mixed Concrete and Concrete, Aggregate, Construction Technologies, and Equipments Exhibition.
- Next Global Stone Congress will be held in Portugal in 2023.

COMMISSION 28

OBJECTIVE: To collect information relating to the development and use of engineering geological models, encourage research in this area and disseminate that knowledge within the engineering geology community.

PROGRESS

Since 2019 the members of C25 have been involved in the preparation of:

Guidelines for the development and application of engineering geological models on projects

The Guidelines will be completed by December 2022. It is intended that the Guidelines will be freely downloadable from the [IAEG website](#). It is hoped that the Guidelines will be translated into a number of key international languages.

The bibliographic reference will be:

Baynes, F. J. and Parry, S. 2022. Guidelines for the development and application of engineering geological models on projects. International Association for Engineering Geology and the Environment (IAEG) Commission 25 Occasional Publication No. 1, 130 pp

COMMISSION 28

Activities

The 13th International Conference on Structural Safety & Reliability was held on 13-17 September 2022, Tongji University, Shanghai, China in a Hybrid form. Two members of C28 took part in it with the following two contributions and chaired the session of Machine Learning-based Uncertainty Quantification:

Multivariate geostatistics to build maps of regional rainfall thresholds for the shallow landslide initiation (authors: Giovanna Vessia, Diego Di Curzio)

Indicator Kriging method for liquefaction instability maps (Diego Di Curzio, Paolo Boncio, Francesco Iezzi, Linda Savini, Giovanna Vessia)

The 8th International Symposium for Geotechnical Safety & Risk will be held on 14 - 16 December 2022 - Newcastle, Australia. The main topic of this conference is "Geotechnical Risk: Big-data, Machine Learning and Climate Change". Here a few members of C28 will participate as contributors:

Multi-Criteria decisional analysis to assess the support class in TBM excavation: examples from snowy 2.0 pumped hydro project (Authors: Davide AGNELLA, Antonio DEMATTEIS, Damiano FRONTINI, Juan SILVA, Shivcharan GANGELE, Francesco DE SALVO, Giacomo ARMETTI).

Uncertainty propagation assessment in CPTu-based lithological modelling using stochastic co-simulation (Authors: Uncertainty propagation assessment in CPTu-based lithological modelling using stochastic co-simulation)

and act as the chairmen of the following session:

IS4 - Reliability assessment of subsoil modelling in geoenvironmental applications (Conveners: Wojciech Pula, Giovanna Vessia, Diego Di Curzio, Marcin Chwała)

Plan for 2022-2023

- Organize C34 members to attend the IAEG XIV Congress, hosted in Chengdu, China from 21st to 27th, September, 2023 and host the C34 committee meeting during the conference.
- Sponsor the 3rd International Symposium on Marine Engineering Geology (ISMEG 2023) at Griffith University, Australia in 2023.
- Improve the professional technology of marine engineering geology by establishing international technical standards for cone penetration test in beach/shallow sea and pore pressure observation in deep sea.
- Organize to publish 1~2 special issues focusing on marine engineering geology and strengthen the international exchanges and substantive cooperation in teaching and scientific research.

COMMISSION 34

• IAEG-IRP Advances

Based on the international research program approved by IAEG, an in-situ surveying equipment of engineering geology (named Seegeo), which is especially applicable to complex deep sea, was successfully developed. In 2021, the in-situ observation in the South China Sea was obtained successfully and the observation data well processed. In addition, Seegeo had been selected as Geological Society of China's top 10 Scientific and Technological Developments in the past year.

• Conference Organization And Technical Training

The 11st Asian Rock Mechanics Symposium (ARMS11) was held from 21st to 25th October, 2021. Commission 34 hosted the 16th sub-conference of ARMS11, where the theme was marine energy development engineering and disaster prevention and control. Also, an industry exhibition on science and technology innovation was held during this symposium. More than 500 participants, including experts, professors and young scholars, attended the sub-conference both online and offline.

• Organize To Publish One Special Issues

Over the past year, a special issue about Exploration of Marine Resources and Marine Engineering Geology was organized in Journal of Marine Science and Engineering (JMSE). The objective of this

Special Issue is to collect high-quality papers from ISMEG 2019 participants and provide a timely overview of recent advances and case studies in this field. The issue collected 14 papers that cover different aspects of marine engineering geology and geotechnics using different approaches. Some of them used numerical simulations, some conducted laboratory experiments, and others acquired and analyzed field or laboratory tests to establish a theoretical modeling framework for predicting marine sediment properties and the potential hazards.

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COMMISSION 39

Members of C39 participated as session conveners & technical presenters in EGU Session “Mineral particles and fibres: bridging minero-chemistry to occupational and environmental strategies for health hazard control” held in late May 2022 in Vienna, Austria and online through EGU’s virtual platform.

Half-day NOA Symposium to be held within the AEG Annual Meeting in Las Vegas, Nevada, in September 2022. Half day field trip included during that meeting – trip to Boulder City, NV.

Priorities for the upcoming calendar year

- Work toward writing an NOA Professional Practice Handbook, to be published for use by professionals, academic departments, and regulatory agency lawmakers
- NOA Symposium in late Winter / early Spring 2023 within the San Francisco Bay Area, California
- NOA session within AEG’s Annual Meeting in Portland, Oregon – September 2023

1/ XIV IAEG CONGRESS



The XIV Congress of the International Association for Engineering Geology and the Environment will be held in **Chengdu Century City New International Convention and Exhibition Center, Chengdu, China** in **September 21-27, 2023**. Based on the theme of “*Engineering Geology for a Habitable Earth*”, the congress is expected to enhance the disciplinary and research development of international engineering geology and the environment, and contribute to the advancement of major projects, ecological progress, and habitable earth with research and discussion in the engineering geology and global climate change, geological hazard assessment and prevention, geotechnical properties of rock and soil mass, engineering geology and the environmental issues concerning marine, transportation, urban and ecological environment protection in major projects, engineering geology and resilience engineering construction, intelligent engineering geology, and new theories, methods, and techniques in engineering geology, etc. We warmly welcome the worldwide engineering geological community to come to Chengdu to participate in this academic event.

Contact Information

Website: <https://iaeg2022.org/>

Venue: Chengdu Century City International Convention and Exhibition Center

Session and Field Course

Yonghong Luo: 445890689@qq.com; Peng Zeng: zengpeng15@cdut.edu.cn

Sponsorship:

Dongpo Wang: wangdongpo@cdut.edu.cn; Shenghua Cui: cuishenghua18@cdut.edu.cn

Address: No. 1 Dongsan Road, Erxianqiao, Chenghua District, Chengdu, Sichuan, China

Tel: 028-84073193; Email: IAEG2022@cdut.edu.cn

Paper and abstract submission

The reviewing process for submitted papers has been started and will be completed by July and accepted papers are planned to be published in 2023.

The submission system is still open for full-length papers. The deadline for submission of full-length paper is **December 31, 2022**. Please read the guidelines for paper submittal prior to submitting your full-length paper <https://iaeg2022.org/sub.html>.

12/ MEETING INFORMATION

Kolkata, India, November 16-17, 2022

EGCON 2022



ISEG in association with GSI will be organizing a 2-day event titled EGCON 2022: *International Conference on Engineering Geology and Geo-techniques for Safe and Sustainable Infrastructures* in the City of Joy – Kolkata, India during 16-17 November 2022. The objective of this physical congregation is to provide an interactive knowledge platform to deliberate upon recent developments/trends in the field of surveys, investigations, challenges, and solutions of various infrastructure development projects about water resources development, hydropower, and road/ rail communication projects, challenging geohazard, and environmental-related issues relevant to ensuring safe and sustainable development in our country.

EGCON 2022 invites all geoscientists, engineers, geotechnical experts, planners, and administrators to join the event in large numbers for making this event a successful and purposeful one. EGCON 2022 has already finalized diverse conference themes covering almost all the relevant branches of Engineering Geology and Geo-techniques that are continuously being pursued and practiced by the experts while designing and constructing critical infrastructures more safely and sustainably. EGCON 2022 will give a golden opportunity for outreach, one-to-one interactions, opportunities for brief interactions in business meetings, and the scope of exhibitions, apart from technical discourse through both oral and poster presentations.

Conference Information

Website: <https://egcon.in/2022/>

Email: aaradhy4712@gmail.com; Tel: +91 8765588229/7985612984 (for Dr. Mridul Srivastava)

Email: saibal.springdale@gmail.com, Tel: +91 9433749650/ 8595456216 (for Dr. Saibal Ghosh)

Themes

- Safe and Sustainable Infrastructure Development
- Technological Advancements in Investigation and Monitoring
- Geohazards And Disaster Risk Reduction
- Climate Change and Environmental Impact Assessment
- Emerging Challenges in Urban Infrastructure

Please refer to for the first circular of the conference : <https://www.dropbox.com/s/je9270g5qki5jut/EGCON%201st%20%20Circular.pdf?dl=0>

Kolkata, India, November 16-17, 2022

EGCON 2022



The Joint Technical Committee on Natural Slopes and Landslides (JTC1) of FedICGS[1] is delighted to invite you to join us at the 3rd JTC1 Workshop on Impact of global changes on landslide hazard and risk, to be held in Oslo, Norway on June 7th – 10th, 2023.

Anthropogenically induced climate change is unquestionably changing landslide hazard and risk, and impacting how we assess and manage them.

The aim of the **Workshop is to promote discussion among scientists, engineers, decision-makers, and other stakeholders** on whether we are capable of predicting and quantifying the expected changes in landslide hazard and risk and how we could implement the knowledge gained from academic research on landslide risk management into practice.

Conference Information

Website: <https://jtc1-2023.com/>; **Venue:** Bjørvika Deichman Library in Oslo

Topics

- Rock mass degradation and landslide initiation;
- Climate and anthropogenic impact on landslide risk in various geographic regions, including the Arctic;
- Prediction of landslide mobility and inundation, including landslides initiated at mine tailings storage facilities;
- Application of modern remote sensing technologies to landslide risk assessment;
- Landslide risk reduction strategies: risk mitigation, including early warning and nature-based solutions;
- Applications of new technologies like machine learning for landslide susceptibility and landslide hazard mapping.

3rd Hutchinson Lecture

Delivered by **prof. Clarence Choi** from **The University of Hong Kong (HKU), Hong Kong**

Keynote Lecture

Name	Organization	Specialty
Jonathan Godt	USGS, USA	Monitoring and understanding the hydro and mechanics of landslide initiation
Jean Hutchinson	Queen's University, Canada	Application of modern remote sensing technologies to landslide risk assessment
Zhongqiang Liu	Norwegian Geotechnical Institute, Norway	Machine learning, landslide risk assessment
Alexia Stokes	INRAE, France	Soil bioengineering & NBS for landslide hazard mitigation
Gopvammo Crpsta	University of Milano- Bococca, Italy	Engineering Geology, Landslides, Rock Mechanics, Hydrogeology, Geomorphology

Nur-Sultan, Kazakhstan, August 14-18, 2023

17th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering 2023



The 17th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering 2023 (17th ARC) will be held on August 14-18, 2023 in Nur-Sultan city, Kazakhstan. The conference provides the organization of the following additional events:

- Arrangement of one of the Technical Committees Discussion Session (or a meeting) in the program.
- Arrangement of a Workshop (parallel for Conference Technical Session or a Pre-Conference Workshop) for 90 min session or in the format of 90 min + break time + 90 min. The preliminary duration of each presentation is within 10-15 minutes.
- Publication of your articles in 17th ARC Proceedings (By agreement with the Publisher CRC Press/ Balkema – Taylor & Francis Group the Conference Proceedings will be sent to multiple indexing services, including Elsevier (Scopus, Compendex and EI) and Clarivate Analytics, Formerly the IP & Science business of Thomson Reuters (Web of Science).

Please contribute to greater awareness and distribution of this CALL among the TC Members and ATC Members

Conference Information

Website: <https://17arc.org/>,

Conference Secretariat: info@17arc.org, Registration: registration@17arc.org,

Abstract Submission: paper@arc.org; info@17arc.org

Registration

	Early Bird (Before January 31, 2023)	Regular (After January 31, 2023)	Onsite (August 14-17, 2023)
ISSMGE Member	US\$ 450	US\$ 500	US\$ 550
Non-ISSMGE Member	US\$ 500	US\$ 550	US\$ 600
Student*	US\$ 200	US\$ 250	US\$ 300
Accompanying Person	US\$ 150	US\$ 200	US\$ 250
Gala Dinner	US\$ 100	US\$ 150	US\$ 200

The templates for the Abstracts and Full Papers are available at <https://17arc.org/abstracts-papers/>

Roma, Italy, September 17-21, 2023

12th ICG (International Conference on Geosynthetics)



With great pleasure and honour the Italian Geotechnical Society (AGI) and the Italian Chapter of IGS (AGI-IGS) invite you to attend the 12th International Conference on Geosynthetics, which will be held in Roma, Italy, on September 2023.

Years after the successful EuroGeo 2, which was held in Bologna in October 2000, we cordially welcome your participation and kind support at this coming event in 2022.

The geosynthetics and geotechnical engineering community has reached full awareness over the last two decades, and the whole geosynthetics industry has focused on the sustainable use of geosynthetics in a variety of innovative as well as consolidated applications. After Sustainability, the ability to overcome the natural events effects, often related to climate change, and human activities forced to refer to a new keyword: **Resiliency**.

Hence the 12ICG intends to become the base for the next step therefore the conference theme will be: **Geosynthetics, Leading the Way to a Resilient Planet**.

Conference Information

Website: <https://www.12icg-roma.org/>; Venue: Auditorium Parco della Musica

Tel : +39-06-4465569 ; Email: info@12icg-roma.org; agi@associazionegeotecnica.it

Topics

- T1 – Sustainability with Geosynthetics
- T2 – Geosynthetics Properties and Testing
- T3 – Soil-Geosynthetic Interaction
- T4 – Durability and Long Term Performance
- T5 – Reinforced Walls and Slopes
- T6 – Basal reinforced Embankments, GEC, piles and shallow foundations
- T7 – Seismic design with geosynthetics
- T8 – Unpaved and paved roads
- T9 – Railways and other Transportation Applications
- T10 – Landfills and remediation of contaminated sites

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