



IAEG

NEWSLETTER

Issue No.2,2016
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EVENTS DURING THE 35th IGC

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EVENTS DURING THE 35th IGC

IAEG Executive
Committee
Meeting on August
26th -27th , 2016

Totally 9 of the 11 Executive Committee members attended the 1.5 days Executive Committee Meeting on August 26th -27th , 2016. The immediate Past President Carlos Delgado, two vice presidents of Europe Giorgio Lollino and Rafiq Azzam were absent for some special reason but with their active proxies to the Executive Committee. The President of IAEG Scott Burns gave a welcome address to all the attendees, and special thanks to the vice president Louis Van Rooy who organized the meetings and selected the nice meeting venue. The President, Secretary General, Treasurer, Vice Presidents, Editor in Chief of Bulletin have given their reports on August 26th, discussing the new established and reactive national groups, 2015 finance and forward-looking budget 2016-2018, Bulletin, the membership fees recruiting, IAEG strategy, TOC and Commissions, IAEG-sponsored or endorsed meetings, the FedIGS meeting 2016 and cooperation with sister societies.



Photo of the Executive Committee Meeting on
August 26th ,2016

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EVENTS DURING THE 35th IGC

IAEG Executive
Committee
Meeting on August
26th -27th , 2016

The Executive Committee continued another half-day's discussion mainly on IAEG strategy which was presented by our vice president Mark Eggers on August 27th , 2016. This strategic planning was proposed by the Executive Committee in London meeting on 28-29, May, 2016, in order to set a framework from which the Executive can plan and execute the objectives of the Association in an efficient and effective manner. For other issues, Scott initiated an IAEG Member Survey for all our members in order to know who we are and who we are surveying for. 7 recommended committees have been discussed and proposed by the Executive Committee which were to be presented to the Council.

The Executive Committee has worked out some motions and proposals on some issues which were to be presented to the Council for discussing and approval.



Photo of the Executive Committee Meeting on
August 26th ,2016

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EVENTS DURING THE 35th IGC

IAEG Council Meeting held on August 28th , 2016

The IAEG Council Meeting was held on August 28th, 2016, in Twelve Apostles Hotel, Camps Bay, representatives of 21 national and regional groups, 9 Executive Committee members, 3 past presidents and representatives of 4 Commissions attended the meeting.

We are glad to have a special attendee Mr. M.J Ahmed from United Arab Emirates attending our Council meeting, he wishes to initiate formation of National Group from UAE, also thanks to the vice president Yogendra Deva who invited Mr. M.J Ahmed to join our Council Meeting, we wish to have UAE joining IAEG in the near future hopefully.

Björn Schouenborg is invited to present the Council Meeting on behalf of IUGS.

The Secretary General, Faquan Wu announced that the Quorum of Council 2016 is $32/73=43.8\%$. The legal Quorum (25%) * is reached and the Council can then duly deliberate and make decisions. After the 2016 agenda and minutes of 2015 Council Meeting approved by the council, The President of IAEG Scott Burns gave a welcome address to all the attendees, and special thanks to the vice president Louis Van Rooy who organized the meetings and selected the nice meeting venue.



Photo of IAEG Council Meeting on August 28th,2016

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EVENTS DURING THE 35th IGC

IAEG Council
Meeting held on
August 28th , 2016

The Report of President

The President Scott Burns gave a overview on the whole events and development of the Association in the past one year. Brief introduction was given on the progress of new national group establishment, meeting in London in May this year, new winners of the Hans Cloos Medal and Marcel Arnould Medal, a successful meeting in Bulgaria in June, new committees proposed to be set up, and some working plans and upcoming meetings in the future. Special condolences to Brian Hawkins who left us in the early 2016, Brian Hawkins was our incredible editor in Chief who devoted his whole life to Bulletin.

The Secretariat Work

A summary of membership was presented by the Secretary General, Faquan Wu. Till August 7, 2016, IAEG now has 3887 members including 1717 with Bulletin, 2118 without Bulletin and 20 associate members from 29 NGs. Statistics on Member Distribution in Different Regions from 2013 to 2015 were given for well understanding of the membership development. A statistics on the national groups who have been absent of membership at least 3 years till 2015, was presented to the Council. The Motion was approved by the Council, for those inactive national groups absent at least 3 years, related regional Vice Presidents work together with the secretary general and treasurer to get them reactive.

Bulletin

Martin Culshaw gave a presentation on the Bulletin work, The Bulletin is in a strong position, it is growing—more papers submitted, more papers published but a greater proportion of papers rejected. Papers have been submitted from 52 different countries while the Editorial Board has representatives from 24 different countries. The impact factor for Bulletin has reached 1.252, the highest ever, exceeding 1.0 for the first time. New Editors-in-Chief have been identified to take the Bulletin into the 2020s.

IAEG Fee Recruiting

Martin Culshaw gave a report on IAEG Sub-Committee on Fees which consists of Martin Culshaw, Jean-Alain Fleurisson, Giorgio Lollino and Fred Baynes. Totally 7 recommendations were presented to the Council by IAEG Sub-Committee on Fees.

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EVENTS DURING THE 35th IGC

IAEG Council
Meeting held on
August 28th , 2016

Reports from vice presidents

The progress of new national group establishments and reactive national groups back to IAEG were presented to the Council by vice presidents.

In Africa, Algeria is being back to IAEG, Mozambique, Tanzania, Zambia and Zimbabwe are going to be contacted to set up in the next year. In particular, it is appreciated that Prof. Gabriel Oladapo Adeyemi from Nigeria attended our Council Meeting in Cape Town, and presented their new application for joining IAEG to the Council at the meeting. The establishment of a new national group Nigeria is approved by the Council. Welcome to Nigeria national group to join in our big family!

In Asia, the Malaysia and Nepal national groups are fully active back to IAEG. It is also initiated to form new national group in Pakistan, Philippines and UAE. In North America, it is hopefully to reestablish a new IAEG national group in Mexico with the help and efforts from some active members. In South America, the Paraguay national group is being back to IAEG. Efforts are still under improvement to get Peru and Uruguay in IAEG. In Europe, Giorgio and Rafiq actively support and help contact the new national groups creation in North Africa, trying to find the possibility to establish new national group in Tunisia, Egypt and Morocco. Norway has contacted IAEG considering to join IAEG again. At the same time, they will try to get the inactive NGs reactive in Europe.



Photo of Prof. Gabriel Oladapo Adeyemi Submitting the Application to the Council for Forming a New NG of Nigeria

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EVENTS DURING THE 35th IGC

IAEG Council
Meeting held on
August 28th , 2016

Website

Daniele Giordan gave a report for website on behalf of Giorgio Lollino, bringing us the good news that our website has set a Communication Strategy which is consist of video lectures, web letter and message on social network as LinkedIn. The website is planing to create an specific database of presentations and lectures of IAEG members on different topics related to engineering geology to spread the knowledge in this area and try to involve more young people. LinkedIn is introduced by website to share the news and improve the number of web visitors, an important opportunity for the distribution of website news. The new website is ready and will be presented in late September after a test phase.

IAEG Strategy

Mark Eggers presented the IAEG strategy Statement - Vision, Mission and Strategic Objectives to the Council. This strategic planning was proposed by the Executive Committee in London meeting on 28-29, May, 2016. It is a "living document" that is under regular review and change.

The motion of IAEG strategy Statement -Vision, Mission and Strategic Objectives has been approval by the Council, its going to be regarded as the framework to plan and guide IAEG operations.

Commissions [TOC]

The TOC has its term changed. All the Executive Committee members will be in charge of TOC. The 7 vice presidents will take responsibility for the 17 active Commissions. Jeff is for C01, C19 and C21; Mark for C4, C25 and C34; Heloisa for C10 and C17; Louis for C16 and C29; Yogendra for C28 and C32; Rafig for C20 and C24, and Giorgio for C35,C36 and C37.

We have fully active representatives from C1,C4,C10,C17,C24,C29,C35,C36 attended our Council Meeting, and thanks for their participation. Dr. Björn Schouenborg and Prof. Atiye TUGRUL gave presentations respectively for C10 and C17, both of them are strong in the their area study and activities operations.

/1.

EVENTS DURING THE 35th IGC

IAEG Council
Meeting held on
August 28th , 2016

Dr. Björn Schouenborg gave a introduction on the board composition, management, objectives, main focus on commission work last year, recent and continued activities, future publications of C10-Buiding Stone and Ornamental Rocks. It is especially noticed that C10 combined IAEG and IUGS work since 2008, playing an active role between IAEG and IUGS.

Prof. Atiye TUGRUL gave a presentation for C17-Aggregate, introducing the Commission board and Commission history, objectives and main task. C17 has many active events every year, previous meetings, recent activities, website, future Activities were presented to the Council, Prof. Atiye TUGRUL also organized a special theme meeting on Aggregates on 31 August 2016 during the 35th IGC and a technical visit after the session. It is especially noticed that C17 has an important relation with the European Aggregates Association (UEPG), playing an active role between IAEG and UEPG.

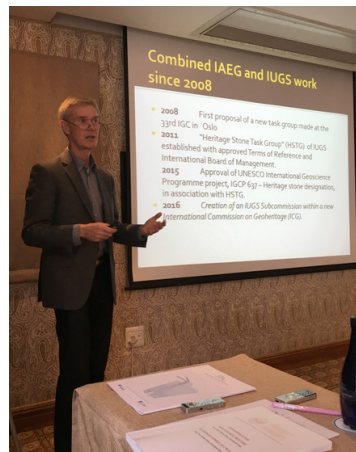


Photo of Dr.Björn Schouenborg and Prof. Atiye TUGRUL
Giving Presentations Respectively for C10 and C17 at the
Council Meeting

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EVENTS DURING THE 35th IGC

IAEG Council
Meeting held on
August 28th , 2016

The 2015 Finance and forward-looking budget 2016-2018

Jean-Alain Fleurisson presented the Financial Report to the Council in the meeting. He introduced the financial situation of IAEG in the past year including the revenues, expenses, member evolution, financial result evolution and assets evolution of the finance. He also presented the 2016-2018 forward-looking budgets and introduced the CASA bond investment during the meeting.

The Council approved adding 5k€ for travel expense of additional meeting and 100k€ for the first investment in CA Bonds.



Group Photo of the Council

IAEG sponsored meetings

- 1) The Council approved the IAEG sponsorship of 3rd North American Symposium on Landslides on June 4-8, 2017 in Roanoke, Virginia, USA.
- 2) The Council approved the IAEG sponsorship of SME sustainability symposium & workshop on February 18-19, 2017 in Denver, USA.
- 3) The Council approved the IAEG sponsorship of The Shaoxing International Forum on Rock Mechanics and Engineering Geology at the end of October, 2017 in Shaoxing, China.
- 4) Ranjan Kumar Dahal gave a presentation to introduce the organization committee works on the 11th Asian Regional Conference which will be held on November 28-30, 2017 in Kathmandu, Nepal.
- 5) Scott Burns gave a presentation to introduce the proposed plan works on IAEG Congress 2018, on September 17-21 in San Francisco, USA.

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EVENTS DURING THE 35th IGC

IAEG Council
Meeting held on
August 28th , 2016

Date & venue of Executive & Council meeting 2016

The 2017 Executive and Council meetings will be held during the 11th Asian Regional Conference, in Kathmandu, Nepal, on November 28-30, 2017.

Please click the website address to get more information on the 11th Asian Regional Conference

www.iaegarc11ngs.com

Other issues

/ IAEG Member Survey

Scott initiated an IAEG Member Survey for all our members in order to know who we are and who we are surveying for.

a. Initial questions:

Country

Highest degree: BS, MS, PhD

Work: government, consulting, university, student

Best description: Engineering Geologist;

Geological Engineer; Geotechnical Engineer;

Environmental geologist; Other

b. Check all areas of expertise you have and are involved in (work, research, etc)

/ Recommended Committees

Scott presented 7 recommended committees which are proposed by the Executive Committee to the Council:

a. Membership Committee - Monitor, Promote and Manage membership (Faquan Wu with Assistant Chair Yogendra Deva)

b. Fees and Finance Committee - management of finances and reviewing cost of services, fee structure and fee level (Jean-Alain Fleurisson)

c. Strategic Planning Committee - develop and periodic review of the IAEG Strategic Plan (Scott Burns)

d. Enterprise Committee - promote engagement with companies and corporations and agencies (Jeff Keaton with Zhang Wei Assistant Chair)

e. Young Professionals Committee - promote activities and engagements for younger members (Louise Vick)

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f. Publications Committee - evaluate publication needs for IAEG (no name)

j. TOC - Technical Oversight Committee - monitor and review operations of the commissions (Scott Burns)

/ FedIGS Meeting

EVENTS DURING THE 35th IGC

IAEG Council
Meeting held on
August 28th , 2016

The FedIGS meeting was held on April 14 in Miami, USA, Scott Burns attended meeting on behalf of IAEG. Scott introduced Federation of International Geoengineering Societies to the Council in brief, and reported that we are learning a lot from sister societies and talking about what we are doing in our societies, some of our good ideas come from these excellent sister societies. JTC progress is also be mentioned by Scott, some of their active members have done great job and share some great ideas in the meeting.

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EVENTS DURING THE 35th IGC

IAEG Richard Wolters Prize Contest held on August 29th , 2016

IAEG has held the Richard Wolters Prize contest at 6 pm on August 29th , 2016 at the International Convention Center in Cape Town, South Africa during the 35th International Geological Congress . The chair of 2016 Richard Wolters Prize Jury, Mark Eggers moderated the meeting. Three candidates nominated by national group china and Russia attended the contest, they are Dr. Andrey Kazeev from Russia, Dr. Fan Xuanmei from China, and Dr. Ye Jianhong from China. The Jury appointed by the IAEG Executive Committee consists of 5 members, Ann Williams(New Zealand), Helen Reeves(UK), Mark Eggers(Australia), Philip Paige Green(South Africa), Scott Burns(USA), 4 of them attended the contest, Helen Reeves was absent from the contest for her other activity arrangement during the 35th IGC.

The Jury chair of RWP 2016 Mark Eggers gave a brief introduction and background on Richard Wolters Prize before the contest. After introducing the three candidates' CV, Mark stated the judging rules of Richard Wolters Prize and the procedure of the competition, the three candidates started their oral presentations, the presentation included 15 minutes of presentation and 10 minutes of response to questions session. This is the first time to implement the new rule with a lowering of the maximum age of applicants to 35 years old.

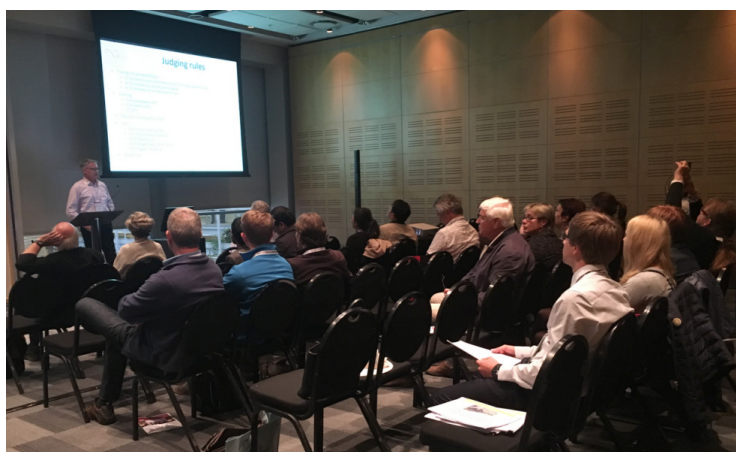


Photo of Jury Chair Mark introducing the background of Richard Wolters Prize

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EVENTS DURING THE 35th IGC

IAEG Richard
Wolters Prize
Contest held on
August 29th , 2016

Dr. Fan Xuanmei came first to give her presentation. She is now the professor at the State Key Laboratory of Geohazard Prevention in Chengdu University of Technology, China. The theme of her presentation is "What have I learned from the Wenchuan earthquake:Past and Future".



Dr. Ye Jianhong followed to give his presentation on the theme of "Numerical Analysis in Offshore Geotechnics: Development and Application". He is now the professor in Marine Engineering Geology and Offshore Geotechnics at the Institute of Rock and Soil Mechanics, Chinese Academy of Science.



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EVENTS DURING THE 35th IGC

IAEG Richard
Wolters Prize
Contest held on
August 29th , 2016

Dr. Andrey Kazeev is a young engineering geologist (born in 1985), a senior researcher at the Department of Soil Engineering and Soil Mechanics in the Sergeev Institute of Environmental Geoscience Russian Academy of Sciences. The theme of his presentation is "Investigations of the Mechanism and Regularities of Catastrophic Activation of Deep Landslides, with Development of New Methods for the Slope Stability Assessment and of New Effective Protective Measure".



All the three outstanding candidates gave great presentation and speaking on their jobs, resumes, researching area, achievements and published papers. After the contest the Jury members gave evaluations to the three candidates by putting the results together and selected one winner among the three super young geologists for the Richard Wolters Prize 2016 by secret votes. The winner was decided to be announced at the IAEG General Assembly on August 31st.

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EVENTS DURING THE 35th IGC

IAEG General
Assembly held on
August 31, 2016

The IAEG General Assembly 2016 was held at 6 pm on August 31, 2016 at the International Convention Center in Cape Town, South Africa during the 35th International Geological Congress .

1. Opening and welcoming Address

The president of IAEG Scott Burns chaired the assembly and gave the opening address at the beginning, followed Scott reported what's happening in IAEG during the past year.

It is expected that we will have a new IAEG connector, Newsletter with electronic version sent to everyone in IAEG, to inform everybody about the news in Engineering Geology from all around the world, news about IAEG, news about national groups and meetings sponsored by IAEG around the world.

Scott expressed special and deep condolences for the great loss of Brian Hawkins who was our incredible editor of the Bulletin from 1998-2012, a prominent Engineering Geologist, who was prestigious in the field of engineering geology.

Scott highlighted that this year in Bulgaria, Kiril Angelov successfully held the IAEG sponsored meeting "Challenges of Engineering Geology and Geotechnics after Natural Disasters" on June 20-23, he welcomed over 70 participants to the meeting, in addition to having a lot of talks, and also a lot of culture, with opera singers singing and dancing.



Photo of Scott Burns giving opening and welcoming address

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EVENTS DURING THE 35th IGC

IAEG General
Assembly held on
August 31, 2016

Scott introduced the arrangements of IAEG Congress 2018 on September 17-21 in San Francisco. We're going to have all the field trip in the middle of the week for everybody, there will be 10 different field trips. During the week, it will have 8 keynotes, 8 international ones and 2 American ones. We are going to have Happy Hour for everyone to have wine, beer, drinks and food there and have chance to interact with people presenting in the meeting.

It is also mentioned that an IAEG Member survey is going to be sent to all our IAEG members by email, asking and finding that who we are, how many of us are engineering geologists, how many members of us are civil engineers and geotechnical engineers, and then what are our special areas, these will be listed in the Member survey. We shall meet the needs of the membership at the same time. We also have put in order 7 committees which will help us in functioning in our organization.

Lots of things are happening in IAEG in the past year and it is confident that we are going to get better and better.

2. Announcement on HCM, MAM and RWP Recipients

The second part of the General Assembly is announcing the results of our three important awards. The results were announced by the President Scott Burns at the General Assembly. The winner of Hans Cloos Medal 2016 is Professor Resat ULUSAY nominated by the Turkey national group and and the winner of Marcel Arnould Medal 2016 is Professor Giorgio Lollino nominated by the Italy National Group. The decision on HCM and MAM was made by the Executive Committee in the meeting held on May 28-19, 2016 in London, and the announcements of Recipients for HCM and MAM have been already published in the 2016 Newsletter of No.1 Issue. Scott briefly introduced the two winners of HCM and MAM respectively on their careers, main achievements, excellent contribution to the development of engineering and geology, and outstanding service to IAEG. Unfortunately the two winners were absent from the General Assembly this time, both of them wish to receive the awards in Kathmandu, Nepal during the 11th Asian Regional Conference of IAEG.

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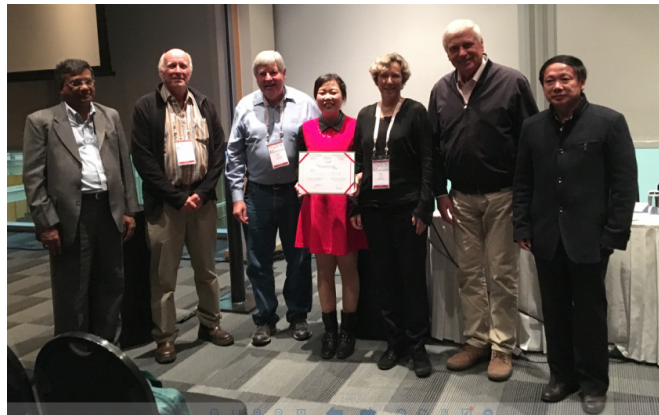
EVENTS DURING THE 35th IGC

IAEG General
Assembly held on
August 31, 2016

With great attention and concerns of the participants, it is announced by the President Scott Burns that the decision of 2016 RWP Jury, the winner of Richard Wolters Prize 2016 is Dr.Fan Xuanmei nominated by the China national group. Scott introduced the young engineering geologist Dr.Fan Xuanmei on her main achievements and contributions to engineering geology. All the participants gave warm applause to Dr.Fan Xuanmei, congratulations to her and the China national group. Scott awarded the medal and certificate to Dr.Fan Xuanmei in the awarding ceremony, and Dr.Fan Xuanmei gave her thankful address to everyone who has given her great help to receive this honourable award.



Photo of the Richard Wolters Prize 2016
Awarding Ceremony



Group Photo After the General Assembly

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EVENTS DURING THE 35th IGC

IAEG Commission 17 Meeting on Aggregates

The C17 president Prof. Atiye Tugrul actively held a Commission Meeting on Aggregates at 18:00-20:00 on Tuesday, August 30, 2016 at the the International Convention Center in Cape Town, South Africa.

Minutes

/ . Chairperson Prof. Atiye Tugrul opened the meeting at 6:00pm.

/ . The agenda of the meeting was presented and approved.

/ . Introduction of the participants. 6 people from a total of 5 nations attended to the meeting.

/ . Chairperson introduced the C17 activities and objectives

- introduction to the previous and current activities of C17

- chairperson informed that the IAEG website was completely renewed in the beginning of 2016

- chairperson introduced the current web pages and opened the discussion of the further development of the pages.

- Attendances discussed about future Projects.

/ . President brought out the challenges of C17: members are busy with several other duties, traveling is expensive, and only a small percentage of researchers work on the field of aggregate research.

/ . Next meeting is planned during the symposium in Kathmandu, Nepal 2017, If organizing Committee accepted new session on natural stones.

/ . The chairperson closed the meeting at 7:00pm.



Photo of the C17 Meeting Participants

/2.

MEMBERSHIP UPDATE 2016

Please note:

the Bulletin will only be delivered accurately to the right address with the updated information of 2016 provided by NGs. In order to ensure our members to get the journal in time and avoid any inconvenience, we would like to highlight the importance of updating the membership.

As approved by the Council in Cape Town, the new national group Nigeria formally established. IAEG now have 58 national groups around the world.

Till November 10, the Secretariat has received updated membership from 40 NGs. We now have 4261 members in total: 1898 members with Bulletin, 2348 members without Bulletin, 22 associated members and 3 individual members.

For Bulletin subscription and delivery in time, it's highly appreciated for the rest of NGs who have not submitted the membership to update the information and feed back to us as soon as possible.

VP	NO.	NG	Total members	With B.	Without B.	Associate member
Mark Eggers	1	Australia	281	141	139	1
	2	New Zealand	381	168	213	0
	3	Albania				
Giorgio Lollino	4	Austria	23	12	11	0
	5	Bulgaria	10	10	0	0
	6	Croatia				
	7	Cyprus	5	5	0	0
	8	France	178	103	64	11
	9	Georgia	15	1	14	0
	10	Greece	87	31	56	0
	11	Hungary				
	12	Italy	63	58	5	0
	13	Portugal	85	50	34	1
	14	Romania	32	21	11	0
	15	Serbia	14	7	7	0
	16	Slovenia				
	17	Spain	63	63	0	0
	18	Switzerland	75	75	0	0
	19	Turkey	129	10	119	0
Rafiq Azzam	20	Netherlands	36	36	0	0
	21	Lithuania	10	10	0	0
	22	United Kingdom	281	281	0	0
	23	Belgium	43	21	22	0
	24	Czech Republic	29	18	11	0
	25	Denmark				
	26	Estonia				
	27	Finland				
	28	Germany	532	54	478	0
	29	Iceland				
	30	Ireland				
	31	Norway				
	32	Poland				
	33	Russia	85	30	0	0
	34	Slovak Republic	8	4	4	0
	35	Sweden	32	32	0	0
Louis VanRooy	36	Algeria				
	37	Nigeria	55	30	25	0
	38	South Africa	204	43	161	0
Jeff Keaton	39	Canada	113	101	12	0
	40	Mexico				
	41	USA	276	46	230	0
Maria Heloisa	42	Argentina	34	34	0	0
	43	Brazil	35	22	12	1
	44	Colombia	20	17	3	0
	45	Paraguay				
	46	Peru				
Yogendra Deva	47	China P.R.	572	225	345	2
	48	Hong Kong SAS				
	49	India	36	17	19	0
	50	Indonesia				
	51	Iran	102	0	102	0
	52	Japan	94	85	3	6
	53	Korea	32	3	29	0
	54	Malaysia	43	8	35	0
	55	Nepal	53	6	47	0
	56	Singapore	90	2	88	0
	57	SEAGS	16	16	0	0
	58	Vietnam				
Individual Member			3			
Total			4261	1898	2348	22

/3. ANNOUNCEMENT FOR RWP WINNER 2016

According to the decision made by the RWP Jury 2016 in Cape Town, the winner for Richard Wolters Prize 2016 is Dr. Fan Xuanmei, nominated by the China national group. Considering there are only three candidates for the RWP contest this year, the Jury decided not to award a runner-up for the Richard Wolters Prize 2016.



President:	Prof. Scott Burns
Past President:	Prof. Carlos Delgado
Secretary General:	Prof. Wu Faquan.
Treasurer:	Dr. Jean-Alain Fleurisson
Vice Presidents	
Africa:	Prof. Louis Van Rooy
Asia:	Dr. Yogendra Deva
Australasia:	Dr. Mark Eggers
Europe:	Prof. Giorgio Lollino
	Prof. Rafiq Azzam
North America:	Dr. Jeffrey Keaton
South America:	Dr. Maria Heloisa Frascá

IAEG Secretariat:
Shaoxing University
No. 508 Huanqiangxilu, Shaoxing City, Zhejiang Province, 312000, CHINA
Tel./Fax: +86 -0575 -8834 6551, Mobile: +86 13910509506
Email: iaegsg@163.com

NOTIFICATION OF RICHARD WOLTERS PRIZE WINNER

Dear Colleagues,

This is the formal notification to inform you that the winner of Richard Wolters Prize 2016 is Dr. Fan Xuanmei nominated by the China National Group.

The Richard Wolters Prize Contest was held on 29th August in Cape Town, South Africa during the 35th IGC. With the secret votes by the RWP Jury on three candidates nominated by National Groups China and Russia, the RWP Jury decided to award the winner of Richard Wolters Prize 2016 to Dr. Fan Xuanmei for her meritorious scientific achievement and contribution to engineering geology.

Congratulations to Dr. Fan Xuanmei and the China National Group!

The nomination documents including the CV of Dr. Fan Xuanmei please view via the link:

<https://www.dropbox.com/sh/6pib3n2njx8mray/AADfqD2bFwTX1Dq3QF1biaqya?dl=0>

Best Regards,

President (Signature):

Secretary General (Signature):

October 10th 2016

/4. ANOUNCEMENT FOR ESTABLISHMENT OF NIGERIA NG

The establishment of a new national group Nigeria is approved by the Council in Cape Town. Congratulations to Nigeria national group!



President:	Prof. Scott Burns
Past President:	Prof. Carlos Delgado
Secretary General:	Prof. Wu Faquan.
Treasurer:	Dr. Jean-Alain Fleurisson
Vice Presidents	
Africa:	Prof. Louis Van Rooy
Asia:	Dr. Yogendra Deva
Australasia:	Dr. Mark Eggers
Europe:	Prof. Giorgio Lollino
	Prof. Rafiq Azzam
North America:	Dr. Jeffrey Keaton
South America:	Dr. Maria Heloisa Frasca

IAEG Secretariat:
Shaoxing University
No. 508 Huan Chengxilu, Shaoxing City, Zhejiang Province, 312000, CHINA
Tel./Fax: +86-0575-8834 6551, Mobile: +86 13910509506
Email: iaegsg@163.com

NOTIFICATION FOR NEW ESTABLISHMENT OF NIGERIA NATIONAL GROUP

All national groups,

This is a notification to announce that the IAEG Nigeria National Group has formally formed this year after approved by the council meeting on August 28, 2016 in Cape Town, South Africa during the 35th IGC.

We are pleased to inform you that the president of Nigeria national group is Prof. ADEYEMI Oladapo Gabriel and the corresponding person is Mr CHUKWUMA, Anthony Obiechina.

Congratulation to the Nigeria national group to join in our IAEG family!

President (Signature):

Secretary General (Signature):

October 10th 2016

/5. NOTIFICATION FOR COMMISSION 21

As proposed by the former president of C21, **Kaare Flaate**, the Commission 21 has the president changed. **Edward Yarmak** is appointed as the new president of C21.



President:	Prof. Scott Burns
Past President:	Prof. Carlos Delgado
Secretary General:	Prof. Wu Faquan.
Treasurer:	Dr. Jean-Alain Fleurisson
Vice Presidents	
Africa:	Prof. Louis Van Rooy
Asia:	Dr. Yogendra Deva
Australasia:	Dr. Mark Eggers
Europe:	Prof. Giorgio Lollino
	Prof. Rafiq Azzam
North America:	Dr. Jeffrey Keaton
South America:	Dr. Maria Heloisa Frascá

IAEG Secretariat:
Shaoxing University
No. 508 Huanchengxilu, Shaoxing City, Zhejiang Province, 312000, CHINA
Tel./Fax: +86 -0575 -8834 6551, Mobile: +86 13910509506
Email: iaegsg@163.com

Appointment of the New President for Commission 21 of the International Association of Engineering Geology and the Environment

As proposed by Kaare Flaate, the President of Commission 21, Commission 21 will be taken over by the new President, Edward Yarmak. We are pleased to appoint Dr. Edward Yarmak as the new President of IAEG Commission No.21 ENGINEERING GEOLOGY OF PERMAFROST REGIONS from October 1st, 2016, and Dmitry Sergeev remains to be the secretary of Commission 21.

President (Signature):

Secretary General (Signature):

October 1st 2016

/6.

EVENTS FROM NATIONAL GROUPS

////////Argentina

Current office holders:

President:	NORBERTO JORGE BEJERMAN
Vice President:	FABIO SERGIO LUNA
Secretary:	CRISTINA DAPEÑA
Treasurer	LUIS MARIO GIACONI
Nominal Member:	MABEL MENA
Nominal Member:	RUBÉN ALVARO LÓPEZ
Substitute Member:	MARTÍN EDUARDO GUICHÓN

Activities 2015

/ . Organization of the Course "Studies of rock mass for engineering works" Córdoba, April 16th – 17th, 2015.
Lecturer: Lic. Daniel A. Sales

/ . Course "Concepts and methods in Geology applied to engineering works" Buenos Aires, May 11st – 15th, 2015. Lecturers: Lic. Luis Mario Giaconi (La Plata National University, UNLP) Lic. Fabio S. Luna (INTI) Dra. Cristina Dapeña (INGEIS, CONICET-UBA) and Lic. Daniel A. Sales (San Luis National University)

/ . Publication of the Journal of Geology Applied to Engineering and the Environment, N° 34.

/ . Creation of the Young Professionals Group "Sub 40".
Chairpersons: Julia Löffler and Alejandro Celli. Email address: sub40@asagai.org.ar

/ . Organization of the Course "Urbanization hydrological effects". Buenos Aires, August 26th, 2015. Lecturer: Dr. Eduardo Kruse

/ . Symposium on Engineering Geology and the Environment. Buenos Aires. August 27th – 28th, 2015.

/ . Publication of the Journal of Geology Applied to Engineering and the Environment, N° 35.

Activities 2016

/ . Publication of the Journal of Geology Applied to Engineering and the Environment, N° 36.

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EVENTS FROM NATIONAL GROUPS

//////////Austria

Annual Report 2016

A main task during this year was the organisation of the Bodenseetagung Conference (from 25th to 28th of September 2016) in Innsbruck (Austria), an engineering geological conference which is held once every two years. The Bodenseetagung Conference already has a long history and was originally designed to bring together engineering geologists from Germany, Switzerland and Austria. This time the Bodenseetagung conference is incorporated into the Conference Geo Tirol 2016 (<https://www.uibk.ac.at/geologie/geotiro12016-pangeo/>) which consists of three different conferences i.e. the Annual Meeting DGGV (German Geological Society), the Pangeo Austria (Austrian Geological Society) and the Bodenseetagung. It is expected that this conference will be visited by several hundred geologists.

The session programme is very extensive and includes sessions focussing on Natural Hazards, Palaeontology: Environments, Ecosystems and Events, Petrology & Mineralogy, Tectonics, Sedimentology, Geophysics, Hydrogeology and Environmental Geology, Geo-environmental monitoring using remote- and close-range-sensing techniques, Alpine Permafrost, GeoEnergy: Geothermal systems, heat- and gas-storage, Advances in scientific drilling and Engineering Geology. Concerning to the Bodenseetagung four different sessions related to Engineering Geology were proposed. This include i) putting numbers to geology, ii) challenges in tunnelling, iii) stability of natural and artificial slopes, and finally iv) a session of open topics in engineering geology. Furthermore, excursion to prominent construction sites e.g. to the Brenner Base Tunnel are offered.

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EVENTS FROM NATIONAL GROUPS

//////////Bulgaria

The International Symposium-Challenges for Engineering Geology and Geotechnics after Natural Disasters held on June 20-23 in Sofia, Bulgaria

In 2016 the Bulgarian National Group of IAEG organized the IAEG sponsored meeting, the International Symposium-Challenges for Engineering Geology and Geotechnics after Natural Disasters. The Symposium was held on June 20-23 in the National Palace of Culture in Sofia, Bulgaria, organized by the Secretary of the Bulgarian national group Assoc. Prof. Kiril Anguelov.

European IAEG NG Presidents Meeting

Before the Symposium, the two vice presidents for Europe, Giorgio and Rafiq organized a European IAEG NG Presidents Meeting on June 19, 2016, with 22 representatives from Algeria, Bulgaria, Germany, Greece, Iran, Italy, Romania, Russia, Serbia, Spain, UK. We are also very glad to have many leaders of national groups who are young professionals, like representatives from Algeria, Greece, Iran, Italy, Serbia, all of these young leaders gave good talks at the meeting.



Photo of European IAEG NG Presidents Meeting

Important topics have been discussed during the meeting:

- Panel ERC PE10 list: activities to include disciplines such as Engineering Geology, Geomorphology, Hydrogeology and Natural Hazard Sciences.
- Horizon 2020: the role of IAEG NG Presidents in the creation of a network aimed to propose common European projects applications.
- Possible common activities between European and North African NGs like for example: Euro-Mediterranean Journal for Environmental Integration

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EVENTS FROM NATIONAL GROUPS

//////////Bulgaria

· the support of NG presidents to the IAEG Commissions for the preparation of some symposia for the next IAEG Congress in San Francisco.

International Symposium Event

The opening day of the Symposium was on June 20, 2016, with over 70 participants attending the conference. It is also honored with the participation of IAEG President Prof. Scott Burns. The organizer Kiril Anguelov gave the opening address before the conference.

The topics of during the event were including:

- History and Geography of the Latest natural disasters
- State Policy for Protection of the population from Disasters
- Engineering Geology investigations in Disaster-Struck Areas
- Hazard and Risk Assessment in Disaster – Struck Areas
- Projects and constructions in Disaster – Struck Areas
- Case studies. Conclusions and Recommendations.

These topics were covered with more than 30 presentations from different delegates. During the symposium we have the pleasure to have delegates from USA, Italy, Russia, Turkey, Greece, Serbia, China, UK, Iran, and many others. All of them have given excellent presentations and reports in the session.



Photo of Opening Address before the Symposium

All the presentations and reports given by the delegates can be downloaded via the link:

<https://www.dropbox.com/sh/c0ek2cgdupicswt/AACgbKGiR0PmIKVhF2eY5hMGa?dl=0>

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EVENTS FROM NATIONAL GROUPS

//////////Bulgaria

Music and Dance Shows

During the event, a lot of music and dance were shown to all the delegates. The first day 4 opera singers sang at the end of the talks before lunch. The second evening, all of the delegates watched the National Folklore Ensemble -Bulgare in the theater, all of them enjoyed the group dancers showing off the national costumes and the national dances.



Photo of Music and Dance During the Symposium

Field Trips

There was a cultural field trip to the south in the country on June 23, 2016. The participants visited the famous locations Rila Monastery and Tzari Mali Grad in Bulgaria, also visited a hot spring and a castle during the field trip.



Photo of Field Trip

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EVENTS FROM NATIONAL GROUPS

/////////Canada

Division is affiliated with which other organizations

National affiliates: Canadian Federation of Earth Scientists (CFES) (Nicholas Vlachopoulos, CGS Representative)

North American affiliates: 1) Association of Engineering Geologists (AEG) and 2) Association of Geohazard Professionals (AGHP)

International affiliates: IAEG (Nicholas Vlachopoulos and Doug VanDine (CGS President), CGS Representatives)

Activities

Dr. Mark Diederichs of Queen's University, Kingston, Ontario, was awarded the CGS 2015 Thomas Roy Award (CGSEGD Award). Dr. Diederichs, has made major contributions to engineering geology. His work primarily involves the rock mechanics and geomechanics involved in underground mining and construction. He is considered internationally as one of Canada's most highly recognized and respected tunnelling and modelling experts. More information concerning Dr.

Diederichs can be seen at: <http://www.queensu.ca/geol/diederichs>

Dr. David Cruden of the University of Alberta, Edmonton, Alberta, was awarded the joint CGS-AEG 2015 Robert Schuster Medal for outstanding contribution to geohazards research in North America. It was decided by the selection committee to also award the 2016 Robert Schuster Medal to a Canadian (typically the medal alternates between a Canadian and an American).

National Group Report

The CGS-EGD increased its collaboration with the CGS Landslides Committee (CGS Geohazards Committee since January 1, 2016) during the year. For example, the Chair of the CGS-EGD is now a member of the Robert Schuster Medal selection committee.

The CGS-EGD increased its collaboration with the CGS Rock Mechanics Division during the year by jointly hosting technical sessions at the CGS Annual Conference in Quebec City in 2015. The Past Chair of CGS-EGD, Doug Stead, is now the Vice President (North America) of the ISRM for the period 2015-2019.

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EVENTS FROM NATIONAL GROUPS

/////////Canada

During the CGS-EGD AGM in September 2015, initial plans were discussed for:

1) a 1-day 'Engineering Geology in Canada Symposium or Short Course' to be held in conjunction with CGS Annual Conference in Vancouver in 2016. Unfortunately the conference organizers declined the proposal. It is the intent of the Engineering Geology Division to keep pursuing this option for future CGS Annual Conferences.

2) Compilation of an 'Engineering Geology in Canada Monograph' was proposed. This initiative will be led by the current CGS-EGD Chair, Nicholas Vlachopoulos. During the year, Nicholas Vlachopoulos, became the CGS representative on CFES Council, and attended the CFES AGM in April 2016. The CFES website is:

<http://earthsciencescanada.com/cfes/>.

The CGS-EGD web page http://www.cgs.ca/division_engineering_geology.php was updated to include links to further Engineering Geology related societies and to upcoming Engineering Geology events, links to the IAEG Lecture Series and the 2015 IAEG Conference keynote speaker videos. A Past CGS-EGD Chair, Davide Elmo gave a lecture on Discrete Fracture Networks in Bologna, Italy in June 2015 and the lecture is posted on-line: <http://www.iaeg.info/341-2/>.

The Members of the CGS-EGD Executive were on the International Organizing Committee of Slope Stability in October 2015 in Cape Town, South Africa, and are involved in the Eurock 2016 (Turkey) and Eurock 2017 (Czech Republic)

Scientific Committees. CGS-EGD Past Chair and Chair are also involved as Session Developers as part of ARMA 2016 (Houston, Texas, US).

The CGS-EGD Executive supported the CGS nomination of Scott McDougall to represent the Canadian Geotechnical Society on the IAEG's C37 Landslide Nomenclature.

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EVENTS FROM NATIONAL GROUPS

//////////China

Activities during 2015-2016

1) IAEG Commission NO.37 established in 2015

The annual IAEG council meeting was held in New Delhi, India, during the International Conference on Engineering Geology In the New Millennium, October 25th and 26th, 2015. The president of IAEG, Professor Scott Burns, chaired the meetings. Dr. Hengxing Lan from IAEG China NG reported on the establishment of a new IAEG commission on Landslide Nomenclature. Through the discussion and vote at the council meeting, the new Commission on LANDSLIDE NOME NCLATURE was established and assigned the number C37. Dr. Hengxing Lan was appointed as the president and the committee is affiliated to the Chinese Academy of Sciences, Beijing, China.

2) 5th Young Professionals Seminar on Engineering Geology

On May 6-7 2016, 5th Young Professionals Seminar on Engineering Geology was organized in Nanjing China. The seminar was hosted by Young Professor Commission of IAEG China National Group, organized by Nanjing University, and supported by National Natural Science Foundation of China (NSFC). The seminar focused on the theme "engineering geological and structural characteristics in soil". About 355 scholars attended the seminar. There were 20 oral presentations, including keynote lectures and invited lectures.



Photo of 5th Young Professionals Seminar

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EVENTS FROM NATIONAL GROUPS

//////////China

3) IAEG Commission NO.37 hold workshop in ISL2016

During the 12th International Symposium on Landslides in Napoli, Italy, IAEG C13 hold workshop on June 13, 2016. The workshop was chaired by Dr. Hengxing Lan on the development of C37.

4) 9th high level forum of Chinese Engineering Committee has been successfully held on July 2, 2016, in Beichuan, Sichuan Province, where is the severest area struck by 2008, 5. 12 Wenchuan earthquake. About 40th professionals from China mainland, Taiwan, Hongkong and Japan took part this event. The forum introspected the destruction of Beichuan Old County during Wenchuan earthquake, and stressed the destruction was a result of lack of knowledge, and the tasks for engineering geologists are challenging. Meanwhile, the forum stressed the fundamental importance of Geology, Young professionals training as well as the large scale field laboratory construction in the subject of Engineering Geology at present.

Plan for 2016-2017

1) Publication of The Journal of Engineering Geology, 6 issues in 2016.

2) Congress of Chinese Engineering Geology Committee will be held on Oct 13-21, 2016 in Chengdu, Sichuan Province, China.

3) Annual conference of Engineering Geology Committee will be held in 2017.

4) At least one time high level form will be held in 2017.

5) 6th Young Professionals Seminar on Engineering Geology will be held in 2017.

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EVENTS FROM NATIONAL GROUPS

//////////Cyprus

Activities during March 2014 – March 2016

1) Environmental activity in collaboration with the mining company Hellenic Copper Mines Ltd at Skouriotissa and Apliki mines in the Troodos Mountain Range, Nicosia, Cyprus. During this environmental activity, which took place on the 26th January 2014, more than 250 trees were planted by members of our Association and their families.

2) 10th International Hydrogeological congress in Thessaloniki 8-10 of October 2014

3) Congress with the title "Capabilities for Development of Mineral Resources - Modern exceptions" 20-22 of Nov 2014, Nicosia, Cleopatra Hotel. This congress was organized by our association in collaboration with Cyprus Geological Survey (GSD), Cyprus University of Technology (CUT), Institute of Geology and Mineral Exploration (IGME), Association of Mining Engineer and Metallurgists of Greece.

4) 12th of December 2015 programmed visit to the Troodos Geopark visit center – Environmental Information Center. This visit center is situated in abandoned-rehabilitated Asbestos Mine an area with enormous historical value which now hosts an extraordinary botanical garden with information about the flora of the area, a seed bank of endemic species and also a plethora of evidence for the past mining activity and the community which once flourished there.

Anticipated Activities

Monthly meetings of the Board members on various geological, geotechnical, mining engineering and environmental topics.

Our Association participates in different committees of the Cyprus Scientific and Technical Chamber (ETEK) such as:

- Committee for Admittance of New Members in the Applied Geology Category.
- Committee for Admittance of New Members in the Mining Engineering Category.
- Applied Geology Committee.
- Mining Engineering Committee.

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EVENTS FROM NATIONAL GROUPS

////////Germany

Current Activities

1) Information Platform, Publications and Internal Matters

- The domain www.ingenieurgeologie.de is online; the managing and advisory board and all chairmen of the working groups have access to create content
- Web design and administrative updates are organized by the Department of Engineering Geology, Prof. Thuro, Munich
- Issuing of up to two newsletters per year (up to now) via traditional postal distribution and via email.
- In the future, the newsletters ("FI News") can be downloaded free from our website and the members can comment on the current subjects and give remarks or feed back to the chairmen's activities
- IAEG Executive Committee Meeting held in London on May 28th-29th, 2016

2) Conferences, Symposia and Workshops held

- International Symposium - Challenges for Engineering Geology and Geotechnics After Natural Disasters, June 20th to 23rd 2016 in Sofia, Bulgaria, organized by IAEG
- 35th International Geological Congress, August 27th to 4th of September 2016 in Cape Town, South Africa, organized by IAEG
- 20th Conference on Engineering Geology, is integrated into a working group symposium (Fachsektionstagung) organized by DGGT on September 6th to 8th 2017 in Würzburg, Germany
- 22nd Conference at the Lake Constance integrated into GeoTirol 2016 in Innsbruck, Austria, September, 25th to 29th 2016, organized by IAEG-GER, ÖGG and DGGV
- 16th Symposium on Abandoned Mines , November 10th to 12th 2016 in Goslar, Germany, organized by the National Group of Engineering Geology (IAEG-GER) and TU Clausthal

Commission work

Currently, there are twelve working groups (WG), of which 7 are active. A revision process evoked four new working groups which are launching in the near future.

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EVENTS FROM NATIONAL GROUPS

////////Germany

active WG 4.1 "Geotechnical Investigation and Testing" (Chair: Volker Eitner)

active WG 4.2 "Slopes" (Chair: Konrad Kuntsche, Wiesbaden).

active WG 4.3 "Graduate, post-graduate and further education in Engineering Geology" (Chair: Kuroschi Thuro, Munich).

active WG 4.6 "Abandoned mines" (Chair: Günther Meier, Freiberg)

active WG 4.9 "Historical buildings and natural monuments" (Chair: Stefan Krieg, Stuttgart)

active WG 4.10 "Drilling and sampling methods and groundwater measurements" (Chair: Ferdinand Stölben, Zell / Mosel)

active WG 4.11 "Geothermal Energy", jointly run with the Hydrogeology Group of the DGGV (Chair: Ingo Sass, Darmstadt)

launching WG 4.13 "Engineering geology model of the construction underground" (Chair candidate: Markus Bauer, Munich).

launching WG 4.14 "Methods of acquisition, analysis and visualization of engineering geol. data" (Chair candidate: Tomás Fernandez-Steeger, Aachen).

launching WG 4.15 "Karstification processes" (Chair candidate: Ulrich Burbaum, Darmstadt)

launching WG 4.16 "Criteria for underground utilization" (constitutional meeting planned for September 14th in Bielefeld, Germany)

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EVENTS FROM NATIONAL GROUPS

////////Greece

2015-2016 ACTIVITIES

/ The national group of Greece has 85 members. Among them 36 are receiving the Bulletin of Engineering Geology and the Environment. Our members are so from the public sector as from the private one. No new members were added in 2015-16.

/ The directive committee of the Greek national group, introduced after the voting of our members, has been established as following:

Chairman:	V. Marinos,
Secretary:	C. Loupasakis,
Treasurer:	A. Kaplanidis,
Members:	C. Saroglou and G. Stoumpos

/ The national group decided to organize a workshop during spring 2017. Our National Group organizes one workshop every two years. The last Workshop was organized on 28th of May 2015 with title:

"Engineering Geology: Development engineering projects and cutting-edge research". The presentations involved the contribution of Engineering Geology to dam projects, metropolitan railways and big road tunnels, while research projects involved the Efpalinio ancient tunnel, landslide and liquefaction hazard assessment in natural gas pipeline projects and analysis of ground movements with interferometry.

/ Members of the Greek National Group of IAEG participated actively to international conferences of the association and sister societies.

/ The committee of the national group is in continuous contact with its members and informs them for congresses, scientific meetings, lectures and engineering geological developments. Apart from this continuous communication by e-mail, an internet site was created to official present our activities, share news, present technical notes and provide information on how someone can become a member of the Greek IAEG national Group. The internet address of the Greek National Group of IAEG is: www.eetg.gr.

/ The national group of Greece has fulfilled its financial obligations to the IAEG until 2015.

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EVENTS FROM NATIONAL GROUPS

//////////India

Activities during 2015-2016

1) Council meeting of India NG was held in January 2016 at New Delhi, India where the Golden Jubilee Conference "Engineering Geology in New Millennium" organised during October 2015 at IIT-Delhi, India was discussed for summing up the issues related to workshop organization. Thereafter, the New Council for term 2016-17 took charge of the Society.

2) ISEG organized a one day workshop on "Climate Changes in Indian Subcontinent with Special Reference to Himalayas" on 2nd April, 2016 at Faridabad, India. The above topic has been selected for the workshop considering the fact that climate change is one of the biggest threat that the mankind is facing today. It has been accepted worldwide that the global air temperatures are rising thus leading to radical changes in the hydrological cycle. Rise in sea-level is one of the major consequences of global climate changes resulting due to enhanced melting of polar ice-caps. During recent years, the Himalayas have become the most vulnerable hotspots w.r.t. temperature changes in the world. Keeping this aspect in mind the above mentioned one day workshop was organised by ISEG. The event turned out to be immensely important for the development of hydropower as well as management of water resources along with environmental safeguards. The workshop was inaugurated by Mr. K.M. Singh, Chairman and Managing Director, NHPC. Mr. S.K. Dubey, Member (Hydro), Central Electricity Authority (CEA) also graced the occasion as Chief Guest.

Mr. R. N. Misra, President, India National Group, IAEG gave the inaugural address. While welcoming the delegates he acknowledged the presence of senior government officials who had taken time to grace the occasion and showed their concerns for the subject of climate changes. At the same time he thanked the technical experts and eminent scientists for sparing their valuable time to make presentations at the workshop. Seven researchers and scientists from reputed organizations like Defence Research & Development Organization (DRDO), The Energy Research Institute (TERI), National Institute of Disaster Management (NIDM) and Geological Survey of India (GSI) working in the field of

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EVENTS FROM NATIONAL GROUPS

//////////India

Climate Changes especially in the Himalayas and in Polar Regions made impressive presentations. The workshop was able to deliver its message that climate change is an irreversible process which will take place along with the industrial developments and we have to accept the same, but minimization of pollution and green house gas emissions are essentially required to save our ecosystems and biodiversity. At the same time it emphasized that issue related to the water security of the nation needs to be given top priority.

3) A General Body meeting of India NG subsequently followed the workshop.

4) The Second Council Meeting of the year was held in July 2016 wherein several important issues were discussed and several innovative decisions were taken for betterment of India NG. These includes:

- Launching of a “Building fund” for permanent premise of India NG and collect donations for the same.

- Formulation of a “Certificate Program in Engineering Geology” for practicing engineers and geologists in association with IIT – Delhi.

- Registration of professionals with the Society for consultancy works so that engineering geologists and geotechnical engineers both retired as well as free lancers can get recognition and work.

- Organization of “Geotechnical Orientation Program” for young geologists and engineers.

- Publication of Golden Jubilee Issue of “Journal of Engineering Geology”. It may be noted that Journal of Eng. Geology has completed 50 years in 2016 having been launched in 1966.

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EVENTS FROM NATIONAL GROUPS

//////////Iran

Activities during 2015-2016

- 1) Publication of 4 Issues of Journal (This Journal is the official publication of the National Group, it is quarterly and is publishing in Persian with English abstracts) .
- 2) Professional Seminar on Urban Engineering Geology
On Feb. 6-7 2015, Professionals Seminar on Urban Engineering Geology was organized in Mashhad city. The seminar was hosted by Engineering Geology Department of University. More than 50 persons from student, teacher and private were participated in this seminar.
- 3) Professional Seminar on Engineering Geology
On May 11-12 2015, Professionals Seminar on Urban Engineering Geology was organized in Hamedan city. The seminar was hosted by Engineering Geology Department of Hamedan University.
- 4) Organizing a scientific committee for cooperation with IAEG Commission NO.37 of landslide nomenclature reactivated by Professor Hengxing LAN to add the Persian version to this valuable document on Landslide.
- 5) Organizing a scientific committee for cooperation with The Ministry of Higher education for revising the teaching matters of MSc. and PhD program at national level.
- 6) Publishing the proceeding of 8th National Conference on Engineering Geology (holding every two years) of 2014.
- 7) Organizing the secretary Office for 9th National Conference (will be held on coming September).



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EVENTS FROM NATIONAL GROUPS

//////////Italy

Note on the August 24, 2016 Mw 6.0 earthquake in central Italy

-By Janusz Wasowski (CNR-IRPI, Italy), and Vincenzo Del Gaudio (University of Bari, Italy)

The death toll (over 200 hundred) and destruction caused by the 24 August, 2016 magnitude 6.0 earthquake that hit central Italy, remind us once again how fragile is the Italian territory. Indeed, Italy is one of the most tectonically active regions in Europe. Although there is very little evidence for the occurrence of large magnitude earthquakes (i.e., > 7M), weak to moderate seismic shaking is relatively common and known to have caused much damage in the past and in recent times, especially in the Apennine Mountains.

The Italian Istituto Nazionale di Geofisica e Vulcanologia (INGV) located the epicenter of the 24 August, 2016 earthquake near Accumoli, a small town in the Rieti Province (<http://terremoti.ingv.it/it/ultimi-eventi/1001-evento-sismico-tra-le-province-di-rieti-e-ascoli-p-m-6-0-24-agosto.html>). The earthquake had a very shallow focus, at about 4 km depth and devastated small towns situated within 10 km of the epicenter, in particular: Accumoli, Arquata del Tronto and Amatrice.

The first INGV reports, available in Italian at <http://terremoti.ingv.it/it/ultimi-eventi/1001-evento-sismico-tra-le-province-di-rieti-e-ascoli-p-m-6-0-24-agosto.html>, show that the area affected by numerous aftershocks (on the order of hundreds, with the strongest one having magnitude 5.4), extends for about 25 km in NNW-SSE direction. This corresponds to the direction of the shallow fault that ruptured generating the earthquake (see <http://autorcmr.bo.ingv.it/QRCMT-on-line/E1608240136C.html>). The 24 August, 2016 earthquake was a normal fault event, which is consistent with the extensional tectonic regime which today dominates the Apennine Mts range. Most of the recent disastrous earthquakes, which occurred in central and southern Italy (e.g., the 1980 M 6.9 Irpinia, 1997 Mw 6.0 Umbria-Marche, 2009 Mw 6.3 L'Aquila) also had normal faulting mechanism. The high seismicity of the region affected by the 24 August, 2016 has been well documented through the historical records (three significant events occurred in 1627, 1639 and 1703,

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EVENTS FROM NATIONAL GROUPS

//////////Italy

with magnitude ranging from 5.3 to 6.9). This portion of the Apennines falls within the highest seismic hazard class on the official hazard maps of Italy. This most recent disaster is thus another reminder that much more needs to be done in Italy in the field of prevention/mitigation of seismic hazards.

Despite its moderate magnitude the 24 August, 2016 earthquake resulted in tremendous damage. This can be linked to the i) very shallow depth normal fault rupture; ii) poorly designed engineering structures such as buildings (the historic centers of the towns destroyed by earthquake had ancient centuries old constructions); iii) sites effects such as topographic/directional amplification), which can be expected in case of hilltop towns (e.g., Accumoli sited on an elongated ridge bordered by steep slopes).

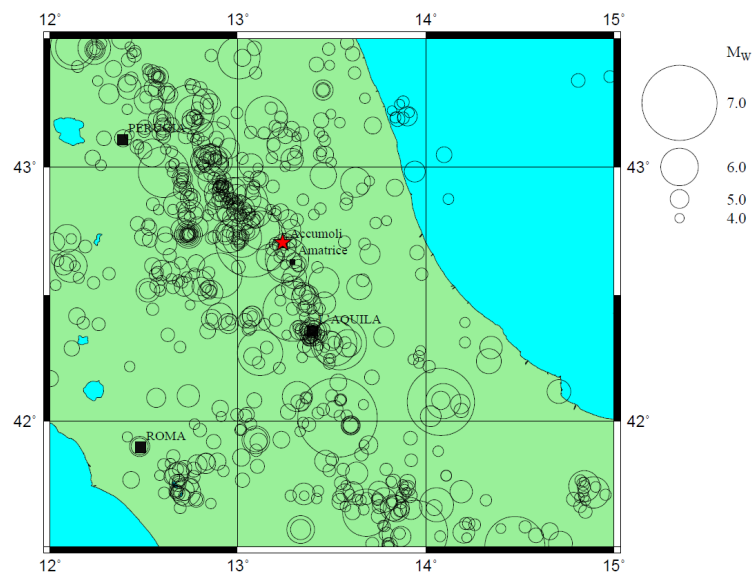
Considering the magnitude and rupture mechanism of the 24 August, 2016 event, one could expect triggering of numerous landslides (even on the order of hundreds). Indeed, landsliding represents an important collateral seismic hazard in the Apennines, where the widespread presence of weak geological materials results in a high susceptibility to failure even under non-seismic conditions. However, so far only very limited information is available on seismic slope failures during the event. The Italian media reported isolated cases of rockfalls and road embankment failures. Some roads in the epicentral area also resulted temporally non viable, because obstructed by rock masses. The post-earthquake slope failure hazard may persist for some time as the seismic sequence is likely to continue for days or weeks. One aftershock occurred within hours after the mainshock exceeded magnitude 5, and there were several others with magnitude > 4.

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EVENTS FROM NATIONAL GROUPS

//////////Italy

Map showing the epicenter of the 24 August, 2016 event (red star) and the distribution of documented earthquakes with magnitude > 4.0 in central Italy since the year 1000 (data from CPTI15 catalog, Locati M., Camassi R., Rovida A., Ercolani E., Bernardini F., Castelli V., Caracciolo C.H., Tertulliani A., Rossi A., Azzaro R., D'Amico S., Conte S., Rocchetti E. 2016. DBMI15, the 2015 version of the Italian Macroseismic Database. Istituto Nazionale di Geofisica e Vulcanologia. doi: <http://doi.org/10.6092/INGV.IT-DBMI15>



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EVENTS FROM NATIONAL GROUPS

//////////Japan

Activities during 2015-2016

1) The 2016 Kumamoto Earthquake

- The 2016 Kumamoto Earthquake occurred on 16 April in the middle area of Kyusyu , southwest of Japan. Seven terrible shocks continuously attacked in three days. Surface faults along active faults with right lateral slip displacement of maximum 2m were observed. JSEG has formed investigation teams of about 40 members of engineering geologists just after the earthquake.
- Investigation team briefly reported the landslides induced by these earthquakes in JANET-DR (Japan Academic Network for Disaster Reduction) on 2 May.



JSEG investigation team for the 2016 Kumamoto Earthquake

2) Activities for disaster reduction

- Prof. Masahiro Chigira performed the program committee and convener of the session of Landslides in Japan Geoscience Union Meeting 2016 on 26 May.
- JSEG held a forum of Civil Disaster Prevention for the people of Osaka City on 28 May. Many people learned urban historical and geological features around Osaka City in this forum.



Forum of Disaster Reduction for Osaka City people

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EVENTS FROM NATIONAL GROUPS

//////////Japan

3) 2016 General meeting and Symposium

JSEG held its General Assembly for 2015-2016 in Tokyo on June 10 and new executive board members for JSEG of 2016-2017 were selected. Annual technical symposium of a theme "View and researches of the underground water and hydrogeological system" with about 200 participants was held. And also preliminary reports of disaster of the Kumamoto Earthquake were presented by investigation teams.



Forum of Disaster Reduction for Osaka City people

Plans for 2016-2017

- 1) An annual study meeting of JSEG will be held at Sendai in Northeast Japan on October 26 - 28, 2016. JSEG has a plan to visit Pacific coastal areas which were attacked by terrible Tsunami of Great East-Japan Earthquake on March, 2011.
- 2) International conference VietGeo2016 will be held by VAEGE (Vietnam Association of Engineering Geology and Environment) in co-operation with JSEG on 22-23 November 2016 at Ha Long bay near Hanoi City.
- 3) The JSEG will hold its General Assembly in Tokyo in June, 2017. And it will hold a forum of earthquake disaster for mainly the people of Kumamoto City on April 2017.
- 4) JSEG and Japan National Group will cooperate with Nepal National Group for 11th IAEG Asian Regional Conference which will be held in October 2017, in Kathmandu. And also JSEG will contact and cooperate with Malaysia National Group for their 50 years anniversary IAEG conference in 2017.

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EVENTS FROM NATIONAL GROUPS

//////////Korea

Activities

1) Publications: Four Issues (Vol. 25 No.1 to No.4) of KSEG in 2015 were published with 52 articles including technical notes.

2) KSEG(Korean Society of Engineering Geology) hold the spring/fall conference every year.

- Spring conference 2015 was held in Lotte Resort, Buyeo on April 2-3 with about 150 participants and 95 oral/poster presentations.

- Fall conference 2015 was held in Delphino hotel, Gangwondo on November 5-6 with 120 participants and 85 papers.

- Spring conference 2016 was held in Buyoung Resort, Jeju island, April 7-8 with 160 participants and 114 papers.



3) Beside of conference, various activities were held by KSEG

- MOU between KSEG and Korea Radioactive Waste Agency at May 18 ,2015

- Short course on MASW took place for KSEG members and engineering geologist in Korea, April 4-6, 2016 at SK Ventium, Kyunggi.

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EVENTS FROM NATIONAL GROUPS

////////Malaysia

Past Activities

The Malaysian National Group organised several activities including the following:

1) A visit by the IAEG Vice President for Asia, Mr Yogendra Deva on 23 and 24/12/2015. He also delivered lecture entitled 'Implications of Natural Damming on Infrastructure Projects in the Indian Himalaya' and on 'IAEG: Join Us Today'. A fruitful meeting on the future of IAEG Malaysia National Group was also organized.

2) Technical Talk jointly organised with Institute of Geology Malaysia and Geological Society of Malaysia including the following:

- Workshop on Science for Managing Disaster Risks (jointly with GSM and IGM) on 9/3/2016

- Technical Talk on 'Strength Mobilisation of Rock Masses in Relation to Deep Seated Landslides' by Dr Ferdaus Ahmad of Dept of Minerals and Geoscience Malaysia on 10/3/16

- Technical Talk on 'Overview on Hydropower Dam Safety Program with Focus on Geology and Geotechnical Investigations' by Ir Dr Jansen Luis of TNB on 20/4/16

Technical Talk on 'Soil Science and Risks of Climate related Hazards' by Dr S Paramanathan on 29/4/16

- Briefing on the Implications of the TPPA to Geoscience Community by Mr P Muralitharan of NRE.

3) Workshop on Geological Terrain Mapping and Future Direction by various expert panel on 14/2/16. Geological Terrain Mapping is part of requirements by local governments prior to any developments of Environmentally Sensitive Area in Malaysia.

4) Co-organised Scientific Expedition to area hit by earthquake, Kundasang in the state of Sabah, Malaysia on 23-30/11/2015. The theme was 'Cascading Geohazards'. The expedition was initiated by UTM Razak School of Engineering and Advanced Technology and Disasters Preparedness and Prevention Centre of Malaysian- Japanese International Institute of Technology

Future Activities

As part of 50th year celebration of Geological Society of Malaysia, the Malaysian National Group will co-organise the special (thematic) sub-conference on Engineering Geology and Rock Mechanics in October 2017.

Zakaria will be convener for the thematic conference. The organising committee plan to invite international speakers to deliver keynote and invited lectures.

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EVENTS FROM NATIONAL GROUPS

//////////Nepal

Annual Report

Nepal Geological Society (NGS) was affiliated with IAEG from last 20 years. This year NGS revised its IAEG National Group memberships and reshuffled national group coordinating team. NGS appointed Dr. Ranjan Kumar Dahal as National Group Coordinator and Dr. Prem Thapa and Mr. Subas Chandra Sunuwar as member of IAEG National Group Sub Committee. This year, NGS started IAEG national group membership drives and number of national group members increased, drastically. Now, IAEG Nepal National Group has 53 members, out of them, 47 members are without bulletin and 6 members are with bulletin.

Similarly, IAEG Nepal National Group coordinator participated in council meeting of IAEG during the EGNM 2015 at Delhi and won a chance to organize 11th Asian Regional Conference in Kathmandu. Now, NGS has formed organizing committee for 11 ARC and preparing all provisions for the Conference.

This year Nepal National Group is revitalizing IAEG activities in Nepal. We are sure that in coming days, we will come with new programs and schedules.

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EVENTS FROM NATIONAL GROUPS

//////////Nigeria

PROGRESS REPORT ON NAEGE, THE NIGERIA NATIONAL GROUP OF IAEG PRESENTED TO COUNCIL OF IAEG AT THE COUNCIL MEETING ON 28TH AUGUST, 2016, AT CAPE TOWN, SOUTH AFRICA IN CONJUNCTION WITH THE 35TH IGC.

The Nigerian Association of Engineering Geology and the Environment (NAEGE) is a Specialist Group of the Nigerian Mining and Geosciences Society (NMGS) and the Nigeria National Group of IAEG. When Sir (Prof.) So-Ngor Clifford Teme became the NMGS president in March 2013, the mantle of leadership of the association fell on Prof. Gabriel Oladapo Adeyemi.

The association has continued in her effort of repositioning as a Specialist Group in Nigeria. Our quarterly technical meetings have been regular with technical paper presentations and meetings at different geopolitical zones of Nigeria. For 2016, we have had meetings in Abuja (25th February, 2016), Lagos (27th April, 2016), will have another meeting in Lagos (16th July, 2016) and the maiden International Conference at Lagos Airport Hotel, Ikeja between 25th to 28th September, 2016.

Report Of The Maiden International Conference Of The Nigerian Association For Engineering Geology And The Environment (Naege)

The Conference was held between 25 and 28 September 2016 at the Lagos Airport Hotel, Ikeja, Capital of Lagos state of Nigeria. The theme of the conference was "Sustainability of Infrastructure and the Environment" while the sub-themes were

- Sub-soil investigation for structures.
- Environmental management.
- Naturally occurring construction materials.
- Sustainability of Drilling and Mining Environment.

Six lead papers and over twenty other papers were presented. A major highlight of the conference was the award of honorary membership to 10 eminent Nigerians and fellowship to 9 members. The communiqué issued at the conference has been transmitted to the Federal Government of Nigeria.

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EVENTS FROM NATIONAL GROUPS

//////////Nigeria

The conference was fairly well attended with the President of the Nigerian Mining and Geosciences Society (NMGS), Prof. O.A. Okunlola in attendance. 65 corporate members and 20 students attended the conference. Also in attendance were representatives of the Ministers of Environment and Water Resources. The Director-General of the Nigerian Building and Road Research Institute (NBBRI) was also represented.



Group Photo of the Maiden Conference

Sitting from the Left to Right: Prof. G.O. Adeyemi FNAEGE (President)-Representatives of the Director General of the Nigerian Building and Road Research Institute (NBBRI), & Minister of Environment, Prof. O.A. Okunlola (President of the Nigerian Mining & Geoscience Society), Mrs Meshida-Representative of the Minister of Water Resources.

Standing from Left to Right: Prof O. Osibanjo (Honourary Member), Prof. M. O. Rahaman (Honourary Member), Prof O. S. Adegoke (Honourary Member), Prof. E. A. Meshida FNAEGE and Prof. E. Akpokodje FNAEGE.

The next conference has been slated for the same venue in the last week of September 2017.

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EVENTS FROM NATIONAL GROUPS

//////////Portugal

SPG Activities during 2015

In addition to the regular correspondence from the SPG Secretariat with the General Secretary and the Treasurer of the IAEG, regarding the members of the SPG which are also associated IAEG, the activity with the International Association summed up the participation as National Group of Portugal in the Council of the IAEG held in New Delhi, India on 26 October 2015, represented by Prof. Ricardo Oliveira, Past President of the IAEG. The council was integrated in IAEG conference "Engineering Geology in New Millennium" (27-29 October 2015) at New Delhi, India. Prof. Ricardo Oliveira presented in this Conference one of the keynote Lectures under the theme "Role of environment in project optimization".

San Francisco (California, USA) has been selected to host the 13th IAEG Congress in September 2018 under the thematic "Engineering Geology for a Sustainable World". This will be a joint meeting of IAEG and AEG and the first time an IAEG Congress will be hosted in the United States of America. Dr. Jeff Keaton, from AEG planning committee, invited to Prof. H. I. Chaminé (IAEG/AEG/GSA member) to serve on AEG global advisory group (details in IAEG Newsletter; Issue No.1, 2015).

Other SPG Activities during 2015

/ . SPG organized the 11th Annual meeting, on 25th March 2015 in Lisbon, Portugal.

/ . SPG Special Conference, by Principal Researcher Dr. João Marcelino (LNEC) on "Proctor and Darcy: not their fault?", 25th March 2015 in Lisbon, Portugal.

/ . SPG organized 6th Meeting of Young Geotechnical, on 25th March 2015 in Lisbon, Portugal. The prize for Young Geotechnical 2015 in Portuguese language was awarded to Henrique Lopes dos Santos Lopes ("Characterization of a soil by Hot Wire Method"). The prize for Young Geotechnical 2015 in English language was awarded to Fátima Maria Pereira Gouveia ("Combined analysis of single station ambient vibration measurements and MASW method").

/ . The XXXII Memorial Lecture Manuel Rocha, 28th October 2015, Lisbon, was given by Prof. Ennio Marques Palmeira, University of Brasília (Brazil), on "Sustainability

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EVENTS FROM NATIONAL GROUPS

//////////Portugal

and Innovation in geotechnics: contributions from Geosynthetics"

/ . IGS | SPG organized the workshop "Educate the Educators" focused in the geosynthetics use in academia, 29-30th June 2015, Lisbon, Portugal.

/ . Invited Lecture by Prof. Serge Varaksin ("Soil improvement techniques: case histories and quality control"), organized by University of Minho and CPGT | SPG, 15th October 2015, Guimarães, Portugal.

/ . II Seminar on Harbor Geotechnics, organized by CPGT | SPG and APDL, 23th November 2015, Leixões Harbor - Porto, Portugal.

/ . Workshop on Contaminated Soils: technologies and remediation solutions, organized by CPGA | SPG and ISEP, 27th November 2015, Porto, Portugal.

/ . Seminar on Underground Complex Works, Contractual risks and CCP: how to live?, organized by CPT | SPG and OE, 2nd December 2015, Lisbon, Portugal.

/ . IV International Seminar "Tunnels: from Construction to Design", organized by CPT | SPG and LNEC, Lisbon, Portugal.

/ . During 2015 were performed several outstanding invited special lectures or keynote lectures by:

i) Professor A. Gomes Correia ("Earthwork optimization system for sustainable highway construction", in XV Panamerican Conference on Soil Mechanics and Geotechnical Engineering, in Buenos Aires, Argentina; "Compaction: standardization needs from manufactures", in Texas, USA; and "Geotechnical engineering for sustainable transportation infrastructure", XVI European Conference on Soil Mechanics and Geotechnical Engineering, Edinburgh, UK)

ii) Prof. R. Oliveira ("The social, economic and environmental importance of dam safety", in Rio de Janeiro, Brazil); Eng. J. L. Machado do Vale ("Geomembranes in hydraulic works", Rio de Janeiro, Brazil).

/ . SPG Organizing committees, Advisory committees and Scientific committees developed an intense work during

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EVENTS FROM NATIONAL GROUPS

//////////Portugal

2015 in monitoring and preparation of several congresses and conferences to be held in 2016, such as:

- i) 15th Portuguese Geotechnical Congress and 8th Luso-Brazilian Geotechnical Congress (Porto, June 2015);
- ii) 3rd International Conference on Transportation Geotechnics (Guimarães, September 2016); iii) 5th Luso-Spanish Geotechnical Conference and 10th Spanish Geotechnical Engineering Symposium (Coruña, October 2016)

/. SPG provides to all members an electronic Newsletter every two months. In 2015 were published the issues 16 to 21.

/. In 2015 were published three issues of the following journals:

- i) "Geotecnia / Geotechnics" (issues 133 to 135)
- ii) "Soils and Rocks" (Volume 38 – issues 1, 2 and 3)

Website:

<http://www.spgeotecnia.pt/>

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EVENTS FROM NATIONAL GROUPS

////////Romania

Activities during 2014-2015:

- Round table: March the 27th 2015, with the theme: Landslide susceptibility and hazard maps -new approaches.
- General Assembly, June 5th 2015, with the themes: presentation of ARGI and Director Committee activity; discussion and voting of the new ARGI Statute; election of the new board of the ARGI (Executive Council, Censors Commission).
- Renewal of ARGI website in Romanian and English, in a pro bono activity of members.
- Continuous support for the "Octogon" a new student association for Engineering Geology associated to the Faculty of Geology and Geophysics active members of ARGI presented in several sessions (26th March; 2th April; 15th October; 12 November and 10th December 2015) aspects of their worldwide activity.
- Participation with papers and sponsoring to the session of engineering geology and hydrogeology of the annual national symposium "Geology and Geophysics - GEO 2015" organized by the Faculty of Geology and Geophysics, University of Bucharest, on 20-21th of November 2015.
- As members in the Technical Committee No 6 „Geotechnics and Foundations”, in the Technical Committee No. 1 Natural Hazards and Risks"of the Ministry of Regional Development and Public Administration, or as Consultants in the ministerial Committee for Emergency Situations of the of the same Ministry, members of our group of engineering geology concur to elaboration of laws and regulations in these fields of activity.

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EVENTS FROM NATIONAL GROUPS

//////////Russia

Conferences and workshops

In the period of 2014-2015, the following events were held in Russia under the aegis of the Russian National Group of IAEG:

/. **October 12-14, 2015, Moscow** – The 9th International scientific and practical conference “Analysis, prediction and management of natural risks in the modern world” was organized by the Russian national group IAEG, Sergeev Institute of Environmental Geoscience RAS in collaboration with the Ministry for Emergency Situations of Russian Federation. The 3-day-long conference was attended by 227 participants from Russia, Azerbaijan, Belarus, and Kirgizia. The topics discussed included the following: study and forecasting of natural hazards based on the variability of natural and anthropogenic factors; development of systems for monitoring natural hazards and the establishment of early warning systems for emergencies; assessment and management of natural risks, engineering protection of territories and the development of regulatory documents; specifics of natural processes in the Arctic zone and of permafrost regions. A total of 184 contributions were included in the Conference Proceedings.

/. **March 24-25, 2016, Moscow** - The eighteenth annual conference “Sergeevskie chteniya” in commemoration of academician E.M.Sergeev discussed the topic “Engineering geology and environmental geoscience. Fundamental problems and applied tasks”. Simultaneously, the conference was a jubilee event devoted to the 25th anniversary of Sergeev Institute of Environmental Geoscience at the Russian Academy of Sciences. The conference agenda included 8 sectional meeting, within which 39 oral reports were delivered. The conference focused on the next topics:

- 1) the study of composition and properties of grounds;
- 2) assessment of hazard and risk of natural and technonatural processes;
- 3) geoecological and engineering geological problems in urban areas and industrial structures;
- 4) geoecological problems of subsurface hydrosphere;
- 5) geoecological and engineering geological problems in the permafrost zone;

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EVENTS FROM NATIONAL GROUPS

//////////Russia

- 6) contamination and reclamation of the environment;
- 7) research methods and methodology in environmental geoscience and engineering geology;
- 8) regulatory standards in engineering geology.

The conference was attended by 160 participants from 13 cities of Russia and Azerbaijan. The volume of Conference Proceedings including 160 contributions was traditionally published (Sergeevskie chteniya, issue 18, Moscow, RUDN Publ., 2016, 812 pp.)

Other activities

The Russian national group IAEG participated in the International Conference on Engineering Geology in New Millenium (Delhi, India, October 27-29, 2015) and the conjugated IAEG Council meeting on October 26, 2015. Fiver oral reports were delivered at sectional meetings, including the invited report by academician RAS V.I. Osipov on "Shear resistance as a multifactor parameter of soil strength". The representatives of the Russian national group are going to attend the International Symposium IAEG "Challenges for Engineering Geology and Geotechnics after natural disasters" (Sofia, Bulgaria, June 20-23, 2016) as well as 35th International Geological Congress (Cape Town, South Africa, August 27- September 4, 2016). Members of the Russian national group are involved in the activity of Editorial board of the IAEG Bulletin.

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EVENTS FROM NATIONAL GROUPS

//////////Serbia

15th Symposium on Engineering Geology and Geotechnics in Belgrade (Serbia), on 22-23rd September 2016

IAEG National Group Serbia organized 15th Symposium on Engineering Geology and Geotechnics in Belgrade (Serbia), on 22-23rd September 2016. Symposium was held in Great Hall of "Railways Serbia" in the center of Belgrade (Figure 1). The main sponsors of the Symposium were: Traffic Institute CIP, Railways (Belgrade), Institute for the Development of Water Resources "Jaroslav Černi" (Belgrade), Energoprojekt-Hidroinženjering (Belgrade), Zajača ING (Loznica), Thrace Group (Greece), idrozavod DTD (Novi Sad), Faculty of Mining and Geology (Belgrade), Geotest (Belgrade), Geomehanika (Belgrade), Geolfa (Belgrade), Makspro (Belgrade), Paštrićanac (Valjevo) and Neokomerc (Belgrade).

Near 40 papers were submitted for the Symposium, with 70 authors from Greece, Australia, Denmark, Netherlands, Slovakia, Montenegro, Bosnia and Herzegovina and Serbia. All the accepted papers were published in the Symposium Proceedings.

In two days, there were approximately 100 participants . Symposium was supported by the IAEG, Academy of Engineering Sciences of Serbia and Serbian Chamber of Engineers.



Photos from the Symposium

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EVENTS FROM NATIONAL GROUPS

//////////Serbia

Authors submitted papers for the following topics:

- Rock Mechanics in Engineering Practice
- Soil Mechanics in Engineering Practice
- Methodology of engineering-geological and geotechnical investigations
- Results of the engineering-geological investigations for remediation of the consequences of the extreme precipitation during 2014 and 2015
- Results of the current detailed and regional engineering-geological and geotechnical investigations

Oral presentations were divided according to the aforementioned topics, in two days.

Symposium was opened by presentations of the three key-note speakers:

- Dr Bogdan Orlić, Senior scientist at TNO – the Netherlands, Organisation for Applied Scientific Research, Department of Geo-energy, Utrecht, Netherlands, with presentation topic: Rock mechanics for deep subsurface geo-energy applications
- Dr Charalampos Saroglou, Teaching & Research Fellow in the School of Civil Engineering, National Technical University of Athens, Greece, with the presentation topic: Rockfall susceptibility in Greece and study of coseismic events
- Dr Vassilis Marions, Assistant Professor at the Aristotle University of Thessaloniki, Geological Department, Faculty of Sciences, Greece, with the presentation topic: Engineering-geological behaviour of flysch rock masses in tunnelling.



Discussions during the Symposium

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EVENTS FROM NATIONAL GROUPS

////////Singapore

Social Functions

SRMEG Networking Night, 16 January 2015

SRMEG hosted a networking night for all members and invited guests from the industry and relevant associations. The networking night was held at NUS Suntec City Guild House with a buffet dinner provided. The networking night was preceded by the Outstanding Paper Award presentations. The whole event was attended by 39 SRMEG members and 12 invited guests.

ISRM Activities

Dr. Zhou Yingxin, Director for International Collaboration of SRMEG, and ISRM VP (Asia), attended VietRock 2015 in Hanoi, Vietnam (March 2015); the 1st National Conference of the Nepal Society for Rock Mechanics (March 2015); ISRM 13th International Congress on Rock Mechanics, and ISRM Board and Council and Asian Rock Mechanics Council meeting in Montreal, Canada (May 2015). Our President, Prof. Zhao Zhiye, and Honorary Secretary, Prof. Louis Wong, also joined Dr. Zhou in attending the ISRM Council Meeting and ISRM Congress in Montreal, Canada (May 2015). Dr Zhou ended his term as ISRM VP (Asia) at the ISRM 2015 Congress in Montreal in May 2015. Prof Jeon Seokwon of Korea was elected the ISRM VP (Asia) for the term of 2015-2019.

SRMEG won the bid to host the 10th Asian Rock Mechanics Symposium (ARMS 10) to be held in Singapore in year 2018. ARMS 10 was also approved by the ISRM Board as the 2018 ISRM Sponsored Regional Symposium for Asia, and we hope to be able to carry this further by making it an International Symposium. SRMEG will be organising ARMS 10 with the Chinese Society for Rock Mechanics and Engineering (CSRME), which is the Chinese National Group for ISRM.

ISRM also created the ISRM Best Performing National Group Award for the first time this year to recognise the outstanding performance of a young and small National Group who is active and growing. A decision was made at the ISRM Board Meeting in Montreal, Canada. After reviewing the nominations received, SRMEG (Singapore) is proud to have received one of the two ISRM Best Performing National Group Awards conferred.

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EVENTS FROM NATIONAL GROUPS

////////Singapore

IAEG Activities

Prof. Louis Wong represented SRMEG at the International Association for Engineering Geology and the Environment (IAEG) Council Meeting and IAEG International Conference on Engineering Geology in New Millennium, which was held in New Delhi, India (October 2015). During the conference, Prof. Louis Wong also delivered a keynote address as the winner of the Richard Wolter's Prize 2014.

In 2015, we continued our effort to provide technical and professional development by organising seminars/workshops relevant to industry. For the second year running, we organized the SRMEG book prize to the top students from the relevant courses from NTU and NUS, and the SRMEG Outstanding Paper Award for young researchers. And SRMEG, in collaboration with the Chinese Society for Rock Mechanics and Engineering, has been selected to host the 10th Asian Rock Mechanics Symposium (ARMS 10) in Singapore in 2018.

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EVENTS FROM NATIONAL GROUPS

//////////Sweden

Annual Report IAEG

The Swedish Society of Engineering Geology (Byggnadsgeologikommittéen, BGS) has been an active society for many years. In 2015 the society decided to become a technical committee within the Swedish Geotechnical Society. The benefits of this cooperation are mutual for both societies. Administrative cost and resources could be shared, members get information about and possibility to attend activities in both societies. The cooperation also facilitates the societies common strive to develop the area of geotechnical engineering, environmental engineering and engineering geology.

One main focus for the society during 2015 and 2016 is education. New courses have been developed with the aim to increase the possibility for the active engineer to develop their competence within the field. BGS has actively contributed to this work with development of courses both related to rock, ground water and geological properties of ground.

BGS has during 2015 arranged a number of well-attended seminars/workshops where topics such as "Possibilities with common databases for collection of data" and "Engineering geology questions in connection to large infrastructure project in the area of Stockholm" has been discussed.

Every year BGS arrange an excursion to a, from an engineering geology perspective, interesting site. In 2015 the excursion went by boat to the Island Midsummer. This event is technical interesting but also an important event for networking.

To highlight the importance of Engineering Geology to the society, BGS participate in the yearly event "The day of Geology" that take place at Swedish Museum of Natural History in September.

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EVENTS FROM NATIONAL GROUPS

///////Switzerland

Annual Rreport

In 2015 the board was made up with the following persons:

Dr. Ruedi Krähenbühl	president
Dr. Roland Wyss	vice-president
Dr. Thomas Eisenlohr	actuary
Mrs. Céline Pittet	cashier/treasurer
Dr. Daniel Bollinger	editor Swiss Bulletin
Prof. Dr. Simon Löw	board member
	appropriate for international relations
Dr. Beat Rick	observer
Dr. Bernard Loup	observer
Dr. Kaspar Graf	observer
Dr. Diego Pozzorini	observer

The board had in 2015 three meetings with the main subjects.

- Handling the usual dealings
- Organization of the general assembly in Olten, topic: "Dealing with claims and mistakes in the engineering geology"
- Common board meeting with CHGeol, hydrogeologists, and other organizations
- Update the homepage www.sfig-gsgi.ch
- Establishing a work group with the aim to make our customers more familiar with the job profile of the engineering geologist

activities in 2016

There is one key activity planned: Organization of the general assembly 2016 in Olten, topic: "Importance of and dealing with hazard scenarios in the engineering geology".

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EVENTS FROM NATIONAL GROUPS

//////////Turkey

Current Executive Committee And Meetings

The Turkish National Group is represented by the Turkish Society of Engineering Geology (TSEG). The General Assembly of TSEG has gathered on 04 June 2016 and elected the new executive committee for the period between June 2016 - June 2019. The elected Executive Committee is composed as follows:

Prof. Dr. Resat ULUSAY	President
Prof. Dr. Mehmet EKMEKCI	Secretary General
Dr. Ayhan KOCBAY	Treasurer
Prof. Dr. Remzi KARAGUZEL	Member
Prof. Dr. Atiye TUGRUL	Member
Prof. Dr. Mahmut MUTLUTURK	Member
Assoc. Prof. Dr. Hakan AKSOY	Member

The Executive Committee has gathered at four regular meetings in Ankara (3) and Istanbul (1) to discuss several topics related to memberships, activities of the society and the issues related to problems and developments in engineering geology in Turkey and in the world.



Photo of General Assembly and the Executive Committee Meeting

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EVENTS FROM NATIONAL GROUPS

//////////Turkey

Erguvanli Engineering Geology Awards

The Erguvanli Engineering Geology Awards are given to honor the memory of Professor Kemal Erguvanli, who is the founder of engineering geology in Turkey, and to promote outstanding young researchers in the field of engineering geology.

The Erguvanli 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. The awards of best works nominated in all categories except MSc Thesis, evaluated by an independent jury are delivered in a ceremony on 4th of June 2016, at the opening ceremony the 2nd General Assembly of the TSEG. Awards in the four categories mentioned above were delivered to the winners.



Photo of Ceremony of Erguvanli Engineering Geology Awards

Organization Of The 2017 Biannual “National Symposium On Engineering Geology- Muhjeo2017”

Upon the success of the first biannual symposium “MUHJEO2015”, the nonmember reserachers and

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EVENTS FROM NATIONAL GROUPS

//////////Turkey

practitioners in the field of engineering geology in Turkey as well as the members of TSEG expressed their interest in taking part in this event in the coming years. Two universities have applied to organize jointly the second symposium in collaboration with TSEG. The second biannual "National Symposium on Engineering Geology (MUHJEO2017)" will be held in October 2017 in Adana, a metropolitan city in southern Turkey. This symposium will be organized with the collaboration of the Geological Engineering Departments of Cukurova University and Mersin University and TSEG. Full papers will be published in the symposium proceedings and distributed to the participants in the symposium (<http://www.muheoder.org.tr>).

The first announcement has already been distributed in April 2016.

COLLABORATIONS WITH OTHER ORGANIZATIONS

1) Upon request by IAEG, a quick report on the 2015 Nepal Earthquake (QUICK REPORT ON THE 2015 GORKHA (NEPAL) EARTHQUAKE AND ITS GEOENGINEERING ASPECTS) was written by the two members (R. Ulusay, Ö. Aydan) of TSEG and it was published on the IAEG's website.

2) The TSEG gives special attention to establish and improve collaborative links with related governmental and non-governmental organizations. In November 2015, a meeting for the memory of Professor Kemal Erguvanli, the founder of modern engineering geology in Turkey, was organized with the collaboration of TSEG and Engineering Geology-Rock Mechanics Group (Istanbul Technical University, Faculty of Mines, Department of Geological engineering) and a conference with a title of "The importance of engineering geology and geomechanics in geotechnique" was given by Prof. Mahir Vardar.

3) TSEG also organized a meeting in the Dept. of Geological Engineering at Hacettepe University, Ankara, Turkey. In this meeting Prof. Omer Aydan, who is from the University of Ryukyus, Japan, and is the member of TSEG and IAEG, made a presentation with a title of "Observations from Kumamoto Earthquakes (April 14, 2016, Japan) and Some Important Lessons"

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EVENTS FROM NATIONAL GROUPS

/////////////////UK

Links with Other Organisations

The EGGS/IAEGUK has a well-established link with the British Geotechnical Association (BGA) and is represented on the editorial board of Ground Engineering. The Group is also represented on the Ground Forum (GF) and contacts are maintained with a number of other organisations including the Institute of Materials, Minerals and Mining (IoM3), the British Tunnelling Association (BTA) and the UK Chapter of the International Geosynthetics Society (IGS). The EGGS/IAEGUK are also an active group in the Geological Society of London and have a Regional Group representative and an environmental geology representative on the Environmental Network. Through its membership of the Science Committee the EGGS/IAEGUK ensures that engineering related talks are included in the Geological Society of London's Lecture series.

Prestigious annual event The Glossop Lecture & Award

In 2015 the Glossop Lecture took place at the Royal Geographical Society on the 4th of November. An audience of over 150 people heard the 16th Glossop medallist, Tony Waltham, give the Glossop Lecture on 'Control the Drainage: The Gospel Accorded to Sinkholes.' It was especially pleasing that the event was honoured by the presence of Rudolf Glossop's family, Silas Slack, who presented the Glossop medal to Tony Waltham.

The 19th Glossop Award (awarded to fellows of the Geological Society under 30) was won this year by Yung Loo (Arup), who gave an excellent presentation on his engineering geological experience whilst working on the large hadron collider project at European Organization for Nuclear Research.

The 2015 Engineering Group Award, awarded to fellows of the Geological Society in their early to mid-career that have made a significant contribution to research, publication or practice in the field of Engineering Geology, was awarded to Helen Reeves.

Meetings

In addition to the Glossop meeting, EGGS/IAEGUK ran a number of well-attended events last year, with a mixture of half-day, one day and evening meetings. EGGS/IAEGUK also webcast a number of our evening events this year. A summary of the events is given below:

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EVENTS FROM NATIONAL GROUPS

/////////////////UK

2015

- October - Quantitative Risk Assessment of Geohazards in an offshore Environment – a joint meeting with the Offshore Engineering Society
- November – Glossop meeting (see above)
- December - Installation damage on Geosynthetics – a joint meeting with the International Geosynthetics Society (IGS) UK Chapter

2016

- January - Canada/Pakistan hydropower tunnel scheme – unfortunately this event was postponed.
- February - Construction dewatering in urban areas – A joint meeting with the British Geotechnical Association.
- March - Disaster Mitigation Mission in Tajikistan.
- April - Do we need geotechnical laboratory testing in 21st century ground investigations?
- May - Searching for water on Mars and Europa.
- June – EGGS Periglacial and Glacial Engineering Geology Working Party report: full day Launch event.
- June - Arthur Holmes Field Trip to Margate, Kent
- July - Year of Water: Case studies in Engineering Geology

We are continuing to build on the links with other groups and this year have significantly increased the number of jointly held meetings with Regional Groups, other Geological Society of London specialist groups.

Working Parties

The Working Party on 'Geohazards', under the chairmanship of David Giles, is reaching its conclusion. All of the chapters have now been completed and are going through the final iterations of editing. A publication date is planned for early 2017.

The working party on 'Periglacial and Glacial Engineering Geology', under the chairmanship of Chris Martin, is in the process of final edits before submitting the complete manuscript to the Geological Society publishing house. A publication date of early 2017 is currently anticipated. A book launch seminar was held at Burlington House on 1st June 2016 and a field meeting to review the periglacial features of Kent was held on 11th/12th June; both of which were well attended and stimulated a lot of interest in the subject. A further discussion meeting is also planned for Durham in January 2017 jointly with the QRA and a field trip to review the glacial features of the East Yorkshire Coast is planned for mid-2017.

Web site: <http://www.geolsoc.org.uk/engineering>

/6.

EVENTS FROM NATIONAL GROUPS

//////////USA

Activities

GSA-EGD's 2015 annual meeting was in Baltimore, Maryland, and their 2016 annual meeting will be held in Denver, Colorado, September 25-28. The GSA 2017 annual meeting will be in Seattle, Washington from Oct. 22-25, while their 2018 meeting will be in Indianapolis, Indiana, November 4-7.

AEG's 2015 annual meeting, with over 462 attendees, was held in Pittsburgh, Pennsylvania, in September, about one month prior to the IAEG Council meeting in Delhi, India. AEG's 2016 annual meeting will be held in Kona, Hawaii, Sept. 18, about 3 weeks after the IAEG Executive meetings in Cape Town, South Africa. AEG's 60th annual meeting (2017) will be held September 10-16 in Colorado Springs, Colorado.

The San Francisco Section of AEG prepared an invitation and proposal for the IAEG to hold the 2018 IAEG Congress in San Francisco, California. The proposal was accepted by IAEG Council and AEG members transitioned into planning the 2018 IAEG Congress in conjunction with AEG's 2018 annual meeting.

In 2016, AEG will host a Naturally Occurring Asbestos conference in Oakland, CA. AEG is also the organizing committee for the 3rd North American Symposium on Landslides, to be held in Roanoke, Virginia, June 4-8 2017. This series of symposia was started in 2007 in Vail, Colorado, and continued in 2012 in Banff, Alberta. The meeting's web site is: <http://www.aegweb.org/default.asp?page=2017NASL>.

AEG continues to work with Midwest Geoscience for delivery of webinars for continuing education and professional development on a number of technical and professional topics. The webinars are available to anyone, but AEG members are entitled to a discounted fee. In 2016 it was proposed that the AEG/GSA-EGD Jahns Lectures be hosted and archived on this platform, but despite some communications, this has not yet been achieved.

AEG student chapters and "Technical Working Groups" remain active. Key faculty members are essential to the formation of these student chapters; no-cost student memberships also appear to be a significant

/6.

EVENTS FROM NATIONAL GROUPS

//////////USA

encouragement. Unfortunately, the percentage who transition from student to full member is very low. Meanwhile, AEG is transitioning to a more streamlined management structure by consolidating its 23 U.S. and 2 International Sections into 10 National and 1 International Regions, each represented by a Regional Director on the AEG Board. Nominations for Regional Directors are currently underway, with elections coming in the summer.

The AEG Foundation [<http://www.aegfoundation.org>] administers ten student scholarship funds and seven grant programs for professionals. For the 2014/2015 fiscal year, the Foundation awarded 22 scholarships and 1 grant, while in the 2015/2016 fiscal year, they awarded 29 scholarships and 5 grants totaling \$37,500 and \$40,000 respectively. Several new scholarship funds have recently been added and the number of awards granted for the prior funds, and the money for those awards, are also planned to increase in the near future.

AEG conducts two activities with the EGD/GSA: the Richard H. Jahns Distinguished Lecture in Engineering Geology and co-publication of the Environmental and Engineering Geoscience Journal. Eldon Gath (Earth Consultants International) was the 2015 Jahns Lecturer, and Jerome DeGraff is the 2016 Jahns Lecturer. Dr. Scott Anderson (Federal Highway Administration, Denver, Colorado) has been selected the Jahns Lecturer for 2017. The joint AEG/GSA journal Environmental and Engineering Geoscience is a quarterly publication of peer-reviewed articles and book reviews. Submissions are encouraged.

17.

THE 11th ASIAN REGIONAL CONFERENCE



The 11th Asian Regional Conference of IAEG 28- 30 November 2017

—Main theme: Engineering Geology for Geodisaster
Management

Conference excursions

To provide an opportunity particularly to all international participants, the conference program has been planned to include four field programs as follows:

2017.11.27: Pre-conference tour

Ex-1: A full day historical monument and geomorphological tour of Kathmandu Valley

2017.12.01-03: Post- conference tours

Ex-2: Kathmandu-Pokhara roadside landslides and slope Protection work and Pokhara valley tour (three days)

Ex-3: The Gorkha Earthquake 2015 Epicenter area visit (two days)

Ex-4: Arniko Highway landslides and slope protection work

Details of all excursions will be given in second circular.

Sub-themes

Landslides

Landslides, Debris flows, and Rock fall

Landslide hazard and risk evaluation

Landslide risk reduction

Slope stability

Urbanization on mountain slopes

Neotectonics

Active fault and associated earthquakes

Himalayan tectonics

Crustal dynamics and recent earthquake sources

/17.

THE 11th ASIAN REGIONAL CONFERENCE

Geohazards in Asia

Flood hazard
Volcanic hazard
Tsunami hazard
Engineering Geology in sustainable development
Foundation, underground geology, groundwater
Tunneling for geodisaster management
New Technology
Remote Sensing and Geodesy for geohazard management
New technology and equipment for geohazard mitigation

2015-Gorkha Earthquake

Engineering geological consequences
Ground response
Damage assessment
Earthquake-induced landslide
Seismic hazard and low cost design for earthquake safe buildings

Climate modeling for geohazard assessment

Geohazards and their management

High altitude rock slope failure
Snow avalanche
Flood hazard management
Glacial lake outburst
Rockfall hazard mitigation practices
Case studies for geohazard management

Conference Website and Contact

Please visit the conference website to get more information: www.iaegarc11ngs.com
Contact: The 11th Asian Regional Conference of IAEG
Conference Office
Nepal Geological Society, Lainchaur, Kathmandu, Nepal
Email: iaegarc11ngs@gmail.com
Email cc to: info@iaegarc11ngs.com
Cell: +977-9741056762
Cell: +977-9841353936
Cell: +977-9851060464
Phone: +977-1-5536174, +5536165

/8.

2017 IAEG Sponsored or Endorsed Meeting Information



MEETING INFORMATION

1. The Engineering Solutions for Sustainability: Materials and Resources (ESS: M&R 3) "Towards a Circular Economy" symposium/workshop in Denver, USA on February 18-19, 2017.
(The website is <http://www.essmandr3.org>)
2. The 3rd North American Symposium on Landslides, in Roanoke, Virginia, USA on June 4-8, 2017. (The website is <http://www.aegweb.org/landslideroanoke2017>)
3. International Conference on Geology, Mining, Mineral and Groundwater Resources of the Sub-Saharan Africa: Opportunities and Challenges Ahead in Livingstone, Zambia on July 11-13, 2017.
(The website is <http://www.mines.unza.zm/conference/>)
4. The GeoMEast 2017 International Conference in Sharm El-Sheikh, Egypt on July 15-19, 2017.
(The website is <http://www.geomeast2017.org/>)
5. Shaoxing International Forum on Rock Mechanics and Engineering Geology (SIFRMEG) in Shaoxing, China on October 28-29, 2017.
6. The International Symposium on Engineering Geology for Urban Sustainability in Kuala Lumpur, Malaysia in 2017.
7. The 11th Asian Regional Conference in Kathmandu, Nepal on November 28-30, 2017.
(The website is www.iaegarc11ngs.com)

/8.

AEG's OUTSTANDING PROJECT AWARD

AEG's OUTSTANDING PROJECT AWARD ——Call for nominations from national groups

As the 2018 IAEG Congress will be held in conjunction with the 2018 AEG Annual Meeting, I am pleased to share the information of AEG's Outstanding Project award, it's a good opportunity for IAEG National Groups to consider nominating a project of international significance.

You may find more details about AEG's Outstanding Project Award via the followed link:

<http://www.aegweb.org/?page=oeegprojectaward&terms=%22outstanding+and+project+and+award%22>

Introduction of OEEG Project Award

The Outstanding Environmental and Engineering Geologic Project Award was established in 1993 to recognize a project that meets the following criteria:

1. Displays national or international significance.
2. Demonstrates the application of the principles of environmental and engineering geology to the solution of a problem affecting the public.
3. Shows recognition of and respect for the environment and history and culture of the project area.
4. Provides an opportunity for public education in:
 - a. environmental and engineering geology
 - b. environmental issues
 - c. culture and history of the area.

The Association has gained a significant amount of public relations value from this award.

Award Conditions:

1. Only one project may be designated per year.
2. The award is not necessarily given every year.
3. The award consists of:
 - a. A large plaque to be placed in public view on or near the project.
 - b. A small metal photo-reproduced copy of the award plaque on a wooden plaque to be presented to each project honoree.
4. The dedication date on the plaque shall be the date of the opening session of the AEG Annual Meeting.

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AEG's OUTSTANDING PROJECT AWARD

5. The award ceremony shall be the opening session of the Annual Meeting followed, if possible, by a general technical session or symposium on a topic related to the Outstanding Environmental and Engineering Geologic Project.

Selection Procedure:

1. Projects may be nominated by anyone, but must be endorsed by an AEG Chapter. The Planning Committee for the next Annual Meeting is encouraged to nominate an appropriate project in their region.
2. Nomination documentation must be sent to the President, who serves as chair of the selection committee, at least 90 days prior to the next midyear Board meeting.
3. The Selection Committee shall consist of the President (chair) and the two immediate Past Presidents.
4. Nomination documentation shall include and describe:
 - a. National or international significance of the project.
 - b. Project description, including: history of project need, problem solved, environmental and engineering geologic principles applied, protection and enhancement of the environment, benefit to the public, advancement of public's understanding of geology and engineering geology, enhancement of local cultural and historical understanding, and photographs of the project.
 - c. Proposed citation for large plaque.
 - d. Proposed public location of plaque.
 - e. Proposed technical session or symposium moderator/organizer and topics including titles and authors.
 - f. Author committed to write the article about the project for the December issue of AEG NEWS.
 - g. Person committed to organizing the award ceremony, including invitations to speakers, representatives, project honorees and public representation, and preparing printed ceremony program.
 - h. Person who will coordinate production of the large plaque and other awards.
 - i. Name, title, and address of project honorees.

/10. CONTACT INFORMATION

IAEG EXECUTIVE COMMITTEE 2015-2018

Scott F. Burns

Portland State University
Dept. of Geology
P.O. Box 751
Portland, OR 97207

Tel +1 503-725-3389
Fax +1 503-725-3025
Mail burnss@pdx.edu

President
Président

USA

Carlos Delgado

ESCUELA TÉCNICA SUPERIOR
DE INGENIERÍA CIVIL
Alfonso XII, 3 y 5
28014 – MADRID

Tel + 34 91 336 77 36
Fax + 34 91 336 79 61
Mail secretaria.subdireccion.
ingenieriacivil@upm.es

Immediate past president
Président sortant

ESPAGNE

WU Faquan

Shaoxing University
No.508 Huanchengxilu
Shaoxing City,
Zhejiang Province

Tel + 86 10 82998216
Fax + 86 10 82998216
Mail wufaquan@mail.iggcas.ac.cn

Secretary general
Secrétaire général

CHINA

Jean-Alain Fleurisson

Mines ParisTech - Centre de
Géosciences. 35, rue Saint
Honoré. 77305 Fontainebleau

Tel +33 (0)1 64 69 48 13
(Sec. 48 94)
Mail jean-alain.fleurisson@mines-
paristech.fr

Treasurer
Trésorier

FRANCE

Martin CULSHAW

49 Shelford Road
Radcliffe-on-Trent
Nottingham
NG12 1AE

Tel +44 (0)115 911 9137
Mob +44 (0)7929931358
Mail martin.culshaw2@ntlworld.com

Bulletin Editor in Chief

UK

Louis van Rooy

Department Geology
University of Pretoria
Private bag X20 Hatfield,
Pretoria 0028

Tel +27124202023
Fax +27123625219
Mail louis.vanrooy@up.ac.za

Vice-president for Africa
Vice-président pour l'Afrique
[National groups : Algeria ;
Nigeria; South Africa]

SOUTH AFRICA

/10. CONTACT INFORMATION

IAEG EXECUTIVE COMMITTEE 2015-2018

Yogendra Deva Bhilwara Towers, ICCS Ltd., A-12, Sector-1, NOIDA 201 301, Delhi-NCR INDIA	Mob +919871178299 Fax +911204277847 Mail yogendradeva@gmail.com yogendra.deva@lnjbhilwara. com	Vice-president for Asia Vice-président pour l'Afrique [National and regional groups : China ; Hong Kong S.A.R. regional group; India ; Indonesia ; Iran ; Japan ; South Korea ; Malaysia ; Nepal ; Singapore ; South-East Asia ; Vietnam]
Mark EGGERS Pells Sullivan Meynink G3, 56 Delhi Road North Ryde NSW 2113 AUSTRALIA	Tel +61 2 98125000 Mob +61 418 677173 Mail mark.eggers@psm.com.au	Vice-president for Australasia Vice-président pour l'Australasie [National groups : Australia ; New Zealand]
Jeffrey R Keaton Amec Foster Wheeler 6001 Rickenbacker Rd, Los Angeles, CA 90040 USA	Tel +1 323 889 5316 office +1 323 203 6958 mobile Mail jeff.keaton@amecfw.com	Vice-president for North America Vice-président pour l'Amérique du Nord [National groups : Canada ; Mexico ; United States of America]
Maria Heloisa Barros de Oliveira Frascá MHB Geological Services Ltd. Rua Monte Alegre, 1347 05014-002 São Paulo, SP BRAZIL	Tel + 55 11 38621148 Mob + 55 11 984476247 Mail mheloisa2@yahoo.com.br	Vice-president for South America Vice-président pour l'Amérique du Sud [National groups : Argentina ; Brazil ; Colombia ; Paraguay ; Peru]
Giorgio LOLLINO CNR-IRPI Strada delle Cacce, 73 10135 Torino ITALY	Tel +39 011 3977810 Fax +39 011 3977820 Mail giorgio.lollino@irpi.cnr.it	Web Editor & Vice-president for Europe Vice-président pour l'Europe [National groups : Albania ; Austria ; Bulgaria ; Croatia ; Cyprus ; France ; Georgia ; Greece ; Hungary ; Italy ; Portugal ; Romania ; Slovenia ; Serbia(Yugoslavia) ; Spain ; Switzerland ; Turkey]
Rafiq Azzam Engineering Geology RWTH Lochnerstr. 4-20 52064 Aachen GERMANY	Tel + 49 241 8095741 Fax + 49 241 8092280 Mail azzam@lih.rwth-aachen.de	Vice-president for Europe Vice-président pour l'Europe [National groups : Belgium ; Czech Republic ; Denmark ; Estonia ; Finland ; Germany ; Iceland ; Ireland ; Lithuania ; Norway ; Netherlands ; Poland ; Russia ; Slovak Republic ; Sweden; United Kingdom]

/10. CONTACT INFORMATION

IAEG National Group

efrim SHKUPI
President
defrim_shkupi@yahoo.com
ALBANIA

Daas Amiour Mohamed
Vice President
dassamiour.m@univ-setif.dz
BOUSTILA Redha
Secretary
r.boustila@yahoo.fr
ALGERIA / ALGÉRIE

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

Hugo Acosta-Martinez
Chairman
hugo.acosta@aecom.com
Peter Robinson
Secretary
secretary@australiangeomechanics.org
AUSTRALIA / AUSTRALIE

Christian Zangerl
President
christian.J.zangerl@boku.ac.at
Reinhold Steinacher
Secretary
reinhold.steinacher@gmx.at
AUSTRIA / AUTRICHE

Philippe WELTER
President
philippe.welter@spw.wallonie.be
Fanny DESCAMPS
Secretary
fanny.descamps@umons.ac.be
BELGIUM / BELGIQUE

Adalberto Aurélio Azevedo
President
presidencia@abge.org.br
Alessandra Corsi
Secretary
abge@abge.org.br
BRAZIL / BRÉSIL

Dimcho Evstatiev
President
Kiril Anguelov
Secretary
angelov@bondys.bg
BULGARIA / BULGARIE

Doug VanDine
President
vandine@islandnet.com
Nicholas Vlachopoulos
CGS Representative
vlachopoulos-n@rmc.ca
Lisa McJunkin
Secretary
admin@cgs.ca
CANADA

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

ÉDGAR EDUARDO RODRÍGUEZ GRANADOS
President
sociedadcolombianadengeotecnia@scg.org.co
scgeotecnia1@gmail.com
COLOMBIA

/10. CONTACT INFORMATION

IAEG National Group

DRAŽEN NAVRATIL

President

drazen.navratil@hgi-cgs.hr; navratil.drazen@gmail.com

CROATIA / CROATIE

Clio Grammi

President

geominescy@gmail.com

Niki Koulermou

Vice-President

niki.koulermou@gmail.com

CYPRUS / CHYPRE

Jan Novotný

Secretary

iaeg@irsm.cas.cz

**CZECH REPUBLIC / RÉPUBLIQUE
TCHÈQUE**

Jan Dannemand Andersen

President

jda@geo.dk

John Kærgaard Frederiksen

IAEG representative

JRF@ramboll.dk

DENMARK / DANEMARK

Johannes PELLO

President

Tallinn Technical University

Room III-217 Ehitajate tee 5

Tallin 19086

ESTONIA / ESTONIE

Arto Koskiahde

President

arto.koskiahde@ohuthiekeskus.com

Pekka Ihalainen

Secretary/Treasurer

pekka.ihalainen@ykl.fi

FINLAND / FINLANDE

Aline QUENEZ

President

quenez.a@free.fr

Jeanne-Sylvine Guedon

Secretary

jeanne-sylvine.guedon@ifsttar.fr

veronique.merrien@lecnam.net

FRANCE

Zurab Kakulia

President

Shorena Petriashvili

Secretary

zusakulia@yahoo.com

GEORGIA / GÉORGIE

Prof. Dr. Rafiq Azzam

President

Azzam@lih.rwth-aachen.de

Kirsten Laackmann

Managing Director

service@dggd.de

GERMANY / ALLEMAGNE

Marinos Vassilis

President

marinosv@geo.auth.gr

Loupasakis Constantinos

Secretary

cloupasakis@metal.ntua.gr

GREECE / GRÈCE

Nigel R Wightman

President

Nigel.Wightman@aquaterra.com.hk

Hong Kong (Special Administration Region SAR)

Regional Group

Akos TOROK

President

BME Építőanyagok és Mézőkgeológia Tanszék

Budapest Sztoczek u2 1111

HUNGARY / HONGRIE

/10. CONTACT INFORMATION

IAEG National Group

Birgir JONSSON
President
University of Iceland
Department of Environmental and Civil Engineering
Hjardarhagi 2 Reykjavik 107

ICELAND / ISLANDE

R.N.MISRA
President
presidentiseg@gmail.com
Imran Sayeed
Secretary
india.seg@gmail.com

INDIA / INDE

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

INDONESIA / INDONÉSIE

M. Fatemi
President
fatemi@khu.ac.ir
Zieaoddin Shoaie
Secretary
zshoaie@gmail.com

IRAN

Michael LOOBY
President
Byrne Looby Partners
H5 Centre point Business Park
Oak Road Dubin 12

IRELAND / IRLANDE

Giovanni Battista Crosta
President
giovannibattista.crosta@unimib.it
Daniele Giordan
Secretary
segreteria@iaeg.it

ITALY / ITALIE

Chigira
President
Takao Chaishi
Vice President
chaishi@jpde.co.jp
Daisuke Yamada, Dr.Ito
Secretary
daisuke_yamada@kk-grp.jp
ito_hisa@cripi.denken.or.jp

JAPAN / JAPON

Zakaria Mohamad
President
dzakaria@gmail.com
Abd Rasid Jaapar
Secretary
arjaapar@gmail.com

MALAYSIA / MALAISIE

Carlos GARCIA HERRERA
President
Apartado Postal 39-137

MEXICO / MEXIQUE

Ranjan Kumar Dahal
Nation Coordinator
ranjan@ranjan.net.np
rkdahal@gmail.com

NEPAL / NÉPAL

Prof. ADEYEMI, Oladapo Gabriel
adedapodrngus@yahoo.com
President
CHUKWUMA, Anthony Obiechina
Secretary
naegeseecretariat@gmail.com, tonychukwumaw@gmail.com

NIGERIA

Saskia Butler
Contact Person
saskia.butler@tekna.no

NORWAY / NORVÈGE

/10. CONTACT INFORMATION

IAEG National Group

Jose E. Martinez del Carpio
President
antguzman@gmail.com

PERU / PÉROU

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

POLAND / POLOGNE

Kastytis Dundulis
President
kastytis.dundulis@gf.vu.lt
Saulius Gadeikis
Secretary
saulius.gadeikis@gf.vu.lt

LITHUANIA / LITUANIE

Robrecht Schmitz
President
r.m.schmitz@tudelft.nl
Peter N.W. Verhoef
IAEG representative Ingeokring
peter.verhoef@boskalis.com

NETHERLANDS / PAYS-BAS

Charlie Price
President
chair@nzgs.org
Teresa Roetman
Secretary
secretary@nzgs.org

NEW-ZEALAND / NOUVELLE-ZÉLANDE

Francisco Raúl Mena Knoop
President
fundatecsrl@gmail.com
raulmena@fundatec.com.py
Angelica García
Secretary
apenter.com.py@gmail.com

PARAGUAY

José Luís Machado do Vale
President
spg@lnec.pt

Raúl Sarra Pistone

Treasurer

spg@lnec.pt

PORTUGAL

MARUNTEANU CRISTIAN

President

crimarunteanu@yahoo.com

STANCIUCU MIHAELA

Secretary

stanciucumihaela@yahoo.com

ROMANIA / ROUMANIE

Victor I. Osipov

President

osipov@geoenv.ru

Olga N. Eremina

Secretary

direct@geoenv.ru

RUSSIA / RUSSIE

Dusko Sunaric

President

dsunaric@gmail.com

Srdjan Kostic

Secretary

srdjan.kostic@jcerni.co.rs

SERBIA

Zhiye Zhao

President

CZZHAO@ntu.edu.sg

Louis Wong

Honorary Secretary

LNYWONG@ntu.edu.sg

SINGAPORE

Martin Ondrasik

President

martin.ondrasik@stuba.sk

SLOVAKIA / SLOVAQUIE

/10. CONTACT INFORMATION

IAEG National Group

Dušanka Brožič
President
dusanka.brozic@gi-zrmk.si
SLOVENIA / SLOVÉNIE

Phil Paige-Green
President
president@saieg.co.za
Neo Sithole
Secretary
secretariat@saieg.co.za
Paul Aucamp
Treasurer
treasurer@saieg.co.za
SOUTH AFRICA / AFRIQUE DU SUD

Park, Chung-hwa
President
chpark@dju.ac.kr
Woo, Ik
Secretary
woo@kunsan.ac.kr
SOUTH KOREA/CORÉE DU SUD

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

Gunilla Franzén
President
gunilla.franzen@geoverkstan.se
Daniel Morfeldt
Representative
daniel.morfeldt@mineconsult.se
SWEDEN / SUÈDE

Ruedi Krähenbühl
President
baugrundrisk@bluewin.ch
Céline Pittet

Secretary
sfigkassier@geotest.ch
SWITZERLAND / SUISSE

Dennes T. BERGADO
Secretary
seags@ait.ac.th
SEAGS

Reşat ULUSAY
President
resat@hacettepe.edu.tr
Mehmet EKMEKCI
Secretary
mekmekci1303@gmail.com
TURKEY

Helen Reeves
President
hjre@bgs.ac.uk
UNITED KINGDOM / ROYAUME-UNI

Eldon M. Gath
NG Leader
gath@earthconsultants.com
egath@me.com
Paul Santi
President
psanti629@gmail.com
Yolanda Natividad
Secretary
yolanda@aegweb.org
U.S.A.

Ta Duc Thinh
President
taducthinh_dcct@yahoo.com
Do Minh Duc
Secretary
ducdm@vnu.edu.vn
ducgeo@gmail.com
Vietnam

/10. CONTACT INFORMATION

IAEG Commission and Group

C01 Engineering Geological Characterisation and Visualisation

Jeffrey KEATON
President
jeff.keaton@amec.com
Helen REEVES
Secretary
hjre@bgs.ac.uk

C04 Education

Fred Baynes
President
fredb@inet.net.au

C10 Building Stones and Ornamental Rocks

Björn SCHOUENBORG
President
bjorn.schouenborg@cbi.se
Nike et Hannu LUODES
Secretary
nike.luodes@hotmail.com
Hannu Luodes
Secretary
hannu.luodes@gtk.fi
Barry Cooper
Responsible for the Heritage Stone task group
barry.cooper@unisa.edu.au

C16 Engineering Geology and the Protection of Ancient Monuments and Archeologic Sites

Basile Christaras
President
christar@geo.auth.gr
Vassilis Marinos
Secretary
marinosv@geo.auth.gr

C17 Aggregates

Atiye TUGRUL
President
tugrul@istanbul.edu.tr
tugrulatiye@gmail.com
Akos TOROK

Vice President
atorok@epito.bme.hu
Akseli TORPPA
Murat YILMAZ
Secretary
akseli.torppa@gtk.fi
yilmazm@istanbul.edu.tr

C19 3D Terrestrial Laser Scanning Technology in the Geosciences-current Status and Action Plan

Biljana Abolmasov
President
biljana@rgf.bg.ac.rs

C20 Risk Based Contaminated Land Management

Paul NATHANAIL
President
paul@lqm.co.uk

C21 Engineering Geology of Permafrost Regions

Edward Yarmak
President
eyarmak@arcticfoundations.com
Dmitry Sergeev
Secretary
sergueevdo@mail.ru

C24 Neotectonics and Geohazard

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

C25 Use of Engineering Geological Models

Steve Parry
President
parrysteve@gmail.com

/10. CONTACT INFORMATION

IAEG Commission and Group

C28 Reliability Quantification of the Geological Model in Large Civil Engineering Project

Soldo Luca
President
Iso@geodata.it

C29 Structure and Behavior of Soil and Rock Mass

Hu Ruilin
President
hurl@mail.igcas.ac.cn
Li Lihui
Secretary
lhli2942@mail.igcas.ac.cn

C32 Engineering Geology and Rural Infrastructure

Jasper Cook
President
jcook@otbeng.com

C34 Marine Engineering Geology

JIA Yonggang
President
yonggang@ouc.edu.cn
Liu Xiaolei
Secretary
ffnlxl_001@sina.com

C35 Monitoring Methods and Approaches in Engineering Geology Applications

Giorgio Lollino
President
giorgio.lollino@irpi.cnr.it

C36 Engineering Geology for Waste Disposal

YE Weimin
President
ye_tju@tongji.edu.cn
CHEN Yonggui
Secretary
cyg@tongji.edu.cn

C37 Landslide Nomenclature

Hengxing Lan
President
Lanhx@igsnnr.ac.cn
Renato Macciotta
Secretary
macciott@ualberta.ca

IAEG Sub-40 Group

Ann Williams
Interim Chairman
ann.williams@beca.com
Mark Eggers
Vice Chair
Mark.Eggers@psm.com.au
Regional representatives
Amy Maharaj
Africa representative
amym@n3tc.co.za
Fergus Cheng
Asia representative
fergus.cheng@arup.com
Pedro Martins
Australasia representative
Pedro.Martins@beca.com
Andrea Manconi
Europe representative
andrea.manconi@irpi.cnr.it
Jennifer Bauer
North America representative
jennbbauer@gmail.com
Francisco Locati
South America representative
flocati@efn.uncor.edu