



IAEG

NEWSLETTER

Issue No.4,2018

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◀ Edited by the IAEG Secretariat, Shaoxing, China

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/1. NEWS OF EXECUTIVE COMMITTEE

IAEG Executive Committee Upcoming Midyear Meeting

The IAEG Executive Committee Midyear Meeting will be held in Paris, France on April 5-6, 2019. It is the first official work meeting for the new executive members of IAEG for the term of 2019-2022. The meeting will conduct a comprehensive plan for the development of IAEG during the following 4 years, and put forward a package of improvement strategies. The meeting will also focus on the preparation works for 12th Asian Regional Conference that will take place on September 23-27, 2019 in Jeju Island, South Korea.

Bulletin of Engineering Geology and the Environment (BOEG)

Dr. Louis Wong and Prof. Resat Ulusay met on ARMS 2018

The current BOEG (Bulletin of Engineering Geology and the Environment) Editor-in-Chief Dr. Louis Wong and the new upcoming Editor-in-Chief prof. Resat Ulusay met in The 10th Asian Rock Mechanics Symposium during October 29-November 3, 2018 in Singapore. They discussed the current status and various aspects of the future development of BOEG.



Dr. Louice Wong (on the left) and Prof. Resat Ulusay (on the right)

The former BOEG Editor-in-Chief Prof. Martin Culshaw will retire by the end of 2018. His position will be taken up by Dr. Louis Wong and prof. Resat Ulusay.

Retrospect from Prof. Martin Culshaw ---- The Editor-in-Chief of BOEG

I am standing down as Editor-in-Chief of the Bulletin of Engineering Geology and the Environment after over six years in the job. Since January 2018, I have been joined by Louis Wong of the University of Hong Kong as Editor-in-Chief. When I finally finish at the end of 2018, Louis will continue and I shall be replaced by Resat Ulusay from Hacettepe University in Ankara, Turkey.

I have been involved in the decision-making for more than 4500 papers since the Bulletin went over to on-line submission in April 2012. In that time, I have read around 4000 abstracts (Louis has done the other 500)! Now, as I leave, the Bulletin will move to on-line publication only from the beginning of January 2019. So, no more paper versions of the Bulletin. The other important point to note is that since 2013 the Editor-in-Chief is also an ex officio (non-voting) member of the IAEG Executive. I wanted this because the Bulletin is an important service to members and the IAEG needs to hear the Editor-in-Chief's opinions. The new Editors-in-Chief will continue in this role.

The number of papers submitted each year has grown from less than 300 in 2013 to over 1000 in 2018. Over the same period rejection rates have increased and now stand at just under 80%. In late 2012, a new Editorial Board was created that has grown to around 75 members from over 20 countries. The Editors-in-Chief are always looking for more Editorial Board members but if you think you might want to join the Board please be aware that the experience requirements are high; Louis and Resat will be able to advise you if you think you might want to help. The Bulletin is always looking for new reviewers too. So, if approached to review a paper, please say 'yes' and then make sure you complete your review by the date specified.

As most of you will know, the Bulletin is published by the international publishing company Springer. They have been very supportive of the Editors-in-Chief. In particular, I would like to thank my Editorial Assistants at Springer (Renuka Nidhi and Naveen Parthiban) over the last six+ years and those involved on the production side of things (Srikanth Reddy, Andrew Wervone Aguilar and Marlon Pinero), as well as management contacts (Christian Witschel, Carlo Schneider, Sam Goodchild, Annett Buttner, Marion Schneider, Lena Weiler and others). Without them, the Bulletin would not be published.

Because of the efforts of all the authors in writing better papers, the editors in organising the reviewing process, the reviewers in carrying out the thankless task of identifying those papers suitable for publication and the Springer staff in ensuring that the Bulletin goes to press in a timely manner involving high production standards the Bulletin has become the internationally-renowned scientific journal that it is today. Under new Editors-in-Chief, who will bring new ideas, the Bulletin will continue to improve. Bring it on!

Martin Culshaw

December 11, 2018

Award Ceremony

Dr. Louis Primel from France, the former IAEG Secretary General from 1981-1998 was awarded the 2018 Marcel Arnould Medal for his significant contribution to the engineering geology profession in his region and his outstanding service to IAEG. Louis Primel received the award during the Ceremony of French National Group's 50th anniversary celebration.



President Scott Burns (on the right) and past president Ricardo Oliviera presenting Marcel Arnould Medal to Dr. Louis Primel

IAEG Website

Dr. Girogio Lollino is collecting photos for the new website of IAEG. IAEG members who have photos of landslides, worksites of great works, anything related to the field of this activity, please send your photos directly to Dr. Girogio Lollino by giorgio.lollino@irpi.cnr.it. Please be sure to write a short caption for the photo you send and mark the author's name.

/2. NEWLY ELECTED IAEG EXECUTIVE MEMBERS

President — Dr. Rafiq Azzam



Dr. Azzam has been recognized as a professor emeritus with RWTH Aachen University since 2017. Prior to this appointment, he was the president of the German National Association of Engineering Geology from 2009 to 2017, the vice president of the International Association of Engineering Geology (IAEG) from 2015 to 2018, the head of the Department of Engineering Geology and Hydrogeology at RWTH Aachen University from 2002 to 2017, and as professor for RWTH Aachen University from 2002 to 2017. Previously, he served the Department of Engineering Geology and Environmental Geotechnics at TU Bergakademie Freiberg as a professor and department head from 1993 to 2002.

Secretary General — Dr. Faquan Wu



Prof. Faquan Wu has been the Secretary General of IAEG for 2011-2014 and 2015-2018. He has been devoting himself to make important contributions to improve the management of the Secretariat for 8 years. Moreover, he has been devoting himself to promote the development of IAEG at home and abroad for nearly 12 years since his first position in IAEG as president of IAEG China National Group. He will engage himself for the future development of IAEG and the discipline of engineering geology, especially paying more attention to promote IAEG Science and Technology Award, International Research Program and Enterprise Committee in the future.

Treasurer — Dr. Jean-Alain Fleurisson



Jean-Alain Fleurisson is the Senior Research Scientist at the Geosciences and Geoengineering Research Department of MINES ParisTech. He has been the Treasurer of IAEG from 2015-2018 and ensured the smooth running of the association through a rigorous and sound management of its financial affairs. Under his term, IAEG invested half of its assets in bonds in order to secure financial revenues, which were decreasing for years. All his objectives will continue to guarantee stable finances of IAEG, so that the influence of the Engineering Geology may prosper and develop worldwide.

Vice President for Asia — Dr. Huiming Tang



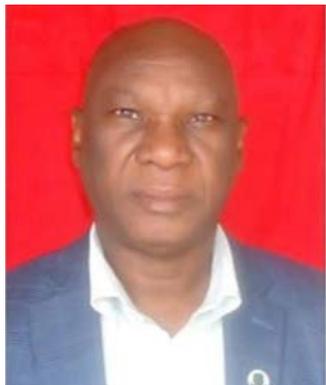
Dr. Huming Tang is a professor of China University of Geosciences. He has been engaged in the field of Engineering Geology for over 35 years. He is specialized in prediction & control of geohazards and engineering geological modeling. In consideration of his outstanding performance and devotion, he has been awarded a number of important national awards. He serves as the vice-president for China National Group of IAEG, as well as the vice-president of China University of Geosciences.

Vice President for Asia — Dr. Bo-An Jang



Dr. Bo-An Jang is a professor in the Department of Geophysics at Kangwon National University since 1990. His current research topics are fracture development in rock by plasma blasting and characteristics of joint surface. He has served as an Executive Committee Member and an Inspection Committee Member of the Geological Society of Korea, as well as an Executive Committee Member, Vice President and President of the Korean Society of Engineering Geology. He has also held the positions of Dean of International Affairs, Dean of Industrial Cooperation and Dean of the College of Natural Sciences at Kangwon National University.

Vice President for Africa — Dr. Tamunoene Kingdom Simeon ABAM



Dr. Tamunoene Kingdom Simeon ABAM has been associated with Engineering Geology since 1986. He currently holds the position of professor and director in Institute of Geosciences and Space Technology, Rivers State University, Nigeria. He also acts as the president of Nigerian Association for Engineering Geology and the Environment, which is an affiliate of IAEG and a specialist group of Nigerian Mining and Geosciences Society. In addition, he serves on the Federal Board of the Council for Mining Engineers and Geoscientists (COMEG), in charge of regulating all Mining engineering and Geosciences practice in Nigeria.

Vice President for Australasia — Mr. Doug Johnson

Mr. Doug Johnson is an experienced Engineering Geologist practitioner with a breath of technical, managerial and governance experience. Mr. Doug is currently the Managing Director of Tonkin & Taylor Limited (T+T), one of New Zealand's preeminent environmental and engineering consultancies with leading specialization in the field of Engineering Geology and Geotechnical Engineering. Through his career, he has worked across a range of complex geological terrains, geographies, green and brown field site developments. Mr. Doug places a strong emphasis on risk based evaluations and design methods to manage geotechnical risks to optimize design.

Vice President for Europe — Dr. Eugene A. Voznesensky



Dr. Eugene A. Voznesensky is a professor at the Department of Engineering and Environmental Geology of the Moscow State University (Moscow, Russia). He also holds the position of the vice dean of the Faculty of Geology. His currently research is Soil Dynamics, Small Strain Stiffness of Soils and Advanced Soil Testing. He is intensely involved in public scientific work. He is an editorial board member in a number of professional Russian journals on engineering geology and geotechnics, a member of Scientific and Technical Board of Federal Highway Agency, a chairperson of «Geotechnical Survey » subcommittee of Russian Federal Agency for Technical Regulation and metrology.

Vice President for Europe — Dr. Vassilis Marinos



Dr. Vassilis Marinos is an associate prof. of Engineering Geology at the School of Geology, Faculty of Sciences, at Aristotle University of Thessaloniki. His area of expertise includes engineering geology in tunneling, landslide risk assessment, geotechnical classification of weak and complex rock masses and geotechnical databases. His professional experience includes consulting services in geohazards-landslides risk assessment, engineering-geological topics for major engineering projects, tunnel design along highways, dams, and on engineering-geological, geotechnical and hydrogeological issues in metro works.

Vice President for North America — Dr. D. Jean Hutchinson

Professor Jean Hutchinson is the immediate past Department Head for Geological Sciences and Geological Engineering at the Queen's University. She is a registered Professional Engineer in Ontario and Fellow of the Engineering Institute of Canada. Prof. Hutchinson is a geological engineer by training and she earned several years of experience in engineering practice before joining the academia. She specializes in rock engineering, site characterization and risk management for mining and transportation infrastructure, with a focus on landslide hazards. With this expertise, she conducts research on multi-criteria risk assessment and management for geological engineering projects. Her research contributions are numerous and internationally known.

Vice President for South America — Mr. Norberto Jorge Bejerman

Mr. Norberto Jorge Bejerman is the current president of the Argentinian National Group, editor-in-chief of the Journal of Engineering Geology and the Environment, and the official publication of ASAGAI. He was also a past IAEG vice-president for South America. Mr. Norberto Jorge Bejerman has contributed to the development of Engineering Geology in South America and has a closer relationship with the National Groups of the region for many years.

/3. MEMBERSHIP UPDATE 2018

By December 31, 2018, the members of IAEG reached 4429 from 61 national/regional groups, 1838 with Bulletin, 2566 without Bulletin, 18 associated members and six individual members. The Bulletin will be delivered to the members through the email address provided by the national groups. Please contact the person in charge of your national group if there is any change in your email address.

VP	No.	NG	total	With B.	Without B.	Associate members	
Mark Eggers	1	Australia	296	135	160	1	
	2	New Zealand	422	170	252	0	
Giorgio Lollino	3	Albania					
	4	Austria	21	10	11	0	
	5	Bulgaria	16	10	6	0	
	6	Croatia	30	11	19	0	
	7	Cyprus					
	8	France	158	101	48	9	
	9	Georgia	15	4	11	0	
	10	Greece	81	24	57	0	
	11	Hungary					
	12	Italy	77	71	6	0	
	13	Portugal	67	38	28	1	
	14	Romania	22	15	7	0	
	15	Serbia	15	8	7	0	
		16	Slovenia				
		17	Spain	46	46	0	0
18		Switzerland	73	73	0	0	
19		Turkey	145	8	137	0	
Rafiq Azzam	20	Netherlands	36	36	0	0	
	21	Lithuania					
	22	The United Kingdom	274	274	0	0	
	23	Belgium	73	37	36	0	
	24	Czech Republic	25	12	13	0	
	25	Denmark					
	26	Estonia					
	27	Finland					
	28	Germany	509	48	461	0	
	29	Iceland	12	12	0	0	
	30	Ireland					
	31	Norway					
	32	Poland					
	33	Russia	85	30	55	0	
	34	Slovak Republic	7	3	4	0	
	35	Sweden	36	36	0	0	
Louis VanRooy	36	Algeria					
	37	Nigeria	22	9	13	0	
Jeff Keaton	38	South Africa	208	13	195	0	
	39	Canada	99	86	13	0	
Maria Heloisa	40	Mexico					
	41	USA	219	88	131	0	
Yogendra Deva	42	Argentina	29	29	0	0	
	43	Brazil	29	17	11	1	
	44	Colombia	15	14	1	0	
	45	Paraguay	38	0	38	0	
	46	Peru					
Yogendra Deva	47	Bangladesh	41	1	40	0	
	48	China	591	227	364	0	
	49	Chinese Taipei	57	0	57	0	
	50	HongKong SAS					
	51	India	82	30	52	0	
	52	Indonesia					
	53	Iran					
	54	Iraq	11	2	9	0	
	55	Japan	91	79	6	6	
	56	Korea	125	0	125	0	
	57	Malaysia	37	5	32	0	
	58	Nepal	88	3	85	0	
	59	Singapore	79	3	76	0	
	60	SEAGS	20	20	0	0	
	61	Vietnam					
Individual Member			7				
Total			4429	1838	2566	18	

/4. EVENTS OF NATIONAL GROUPS

Bangladesh National Group

//////////Bangladesh

IAEG BNG and Department of Geological Sciences, Jahangirnagar University had the pleasure to welcome distinguished Professors from Japan including Prof. Dr. Taiichi Hayashi from Kyoto University, Prof. Toru Terao from Kagawa University, Dr. F. Fumie Murata from Kochi University and Dr. Y. Yusuke Yamane from Tokoha University Japan as a part of joint collaboration between JU and Japan. They completed AWS maintenance works at JU during their presence to collect climate data and highlighted the importance of geo-engineering & climate science research in Bangladesh for Young Bangladeshi geoscience and geo-engineering graduates. IAEG_BNG would like to express sincere thanks to our visitors from Japan.

IAEG BNG National Group also organized two seminars on the September 6th & November 26th, 2018 at the Department of Geological Sciences, Jahangirnagar University. Mr. Newaz Khalis Ahmed, consultant Geologist from Stantec Limited, Calgary Canada presented a talk on this occasion. Honorable speaker from Canada highlighted the importance of Geoscience Education and Careers of Geoscientists in Canada for the future Young professionals of Bangladesh and highlighted the importance of engineering geosciences and site investigations.

On the November 26th 2018 Civil Engineer Dr. S.I.Khan, Former UN Environmental Consultant presented an informative talk on poverty alleviation using geo-engineering. Dr. S.I.Khan highlighted the importance of geo-engineering for poverty alleviation. He focused mainly on the “ Gram Bangla Peace Model for Poverty Alleviation using civil engineering techniques for societal development”. Both the seminar events had started with the welcome speech of IAEG_Bangladesh National Group President--Prof. Dr. A.T.M. Shakhawat Hossain. Participants, including geoscientists from different National organizations, academics, engineers and geoscience students and graduates were attended this meetings. Photo Images of IAEG_BNG 2018 Events at Jahangirnagar University, Bangladesh.



IAEG Bangladesh 2018 Events at Jahangirnagar University

Canada National Group

//////////Canada

Dr. Mario Ruel, P.Eng. has been elected as the new president of Canada Nation Group for the term of 2019-2020. The E-mail address remains the same as president@cgs.ca.

China National Group

//////////China

1. 11th China Engineering Geology Conference

The 11th China Engineering Geology Congress was held in Xi'an during October 12th and 16th, 2018. The Conference received over 269 papers and contained 16 invited lectures, 283 oral speeches in 6 paralleled sessions including 1 young professor and engineer forum and 4 graduate student forum. More than 1500 representatives attended the conference from universities, research institutes and enterprises. More than 10,000 experts and scholars watched this grand event online through network video live broadcast platform.

The theme of the Congress is Engineering geology theory and practice in the new era on the background of "One Belt And One Road" and ecological civilization construction, with 6 topics: Engineering geology theory in the new era, Engineering geology in "One Belt And One Road" and geological disaster, Engineering geology and ecological environment of loess plateau, Transportation construction and engineering geology, Urban geology and development and utilization of underground space and New techniques and methods of engineering geology.

The conference called on relevant units, societies and associations to convene the national high-level forum on disaster prevention and reduction as soon as possible, to discuss the implementation of the national disaster prevention and reduction strategy. The annual engineering geology conference is the most influential, comprehensive and high-level academic exchange platform in the field of engineering geology in China.



Opening Ceremony of 11th China Engineering Geology Conference

2. The 2nd GuDezhen lecture and engineering geomechanics innovation and development symposium

The 2nd GuDezhen lecture and engineering geomechanics innovation and development symposium was held in Institute of Geology and Geophysics, CAS in Beijing on 18 Nov. 2018. This symposium closely follows the theme of Innovation and development of engineering geomechanics, carrying out an in-depth discussion on how engineering geomechanics meets the development needs of the country in the new era, and how to combine the advantages of multi-disciplines to strengthen innovation and development. The symposium was leading by GuDezhen lecture given by Academician of Chinese Academy of Sciences, ISRM Vice President Prof. Manchao HE, on the topic of The scientific and technological revolution of mining industry in the new period led by engineering geomechanics innovation and followed by 10 invited lectures. Over 100 scholars attended the symposium.

Academician of Chinese Academy of Sciences Prof. GuDeZhen (1914-1982) is one of the founders of engineering geological science and the founder of rock mass engineering geological mechanics in China, created the original hydrogeology engineering geology in Institute of Geology, Chinese academy of sciences (now shale gas and geological engineering key laboratory, CAS) and became the first director. GuDezhan lecture is highest lecture in the field of engineering geology in China.



Group photo

3. The fifth editorial board and the first working meeting of the Journal of Engineering Geology

The fifth editorial board and the first working meeting of the Journal of Engineering Geology were held in Institute of Geology and Geophysics, CAS in Beijing on 17 Nov. 2018. This meeting declared a group of 139 members, 10 honorary members and 7 overseas members as the fifth editorial committee of the Journal of Engineering Geology. The editor in chief is Academician of Chinese Academy of Engineering Prof. Sijing WANG, who is the IAEG past President, Vice President and IAEG HCM winner.



Group photo of the fifth editorial committee of the Journal of Engineering Geology

Chinese Taipei Regional Group

(1) The cross strait engineering geology conference and hydrogeology conference were held at National Central University from 2018 Aug. 20 to 24. This is the first time to organize these two conferences together at the same time and same place. These two conferences attracted more than 300 participants from China, Hong Kong, Taiwan, UK and US. More than 100 abstracts were received and presented. The post conference field trip was also arranged. The cross strait engineering geology conference will be organized by the Hong Kong Regional Group in 2019.

///////Chinese Taipei



Group photos of cross strait hydrogeology conference



Group photos of cross strait hydrogeology conference

(2) Prof. Wei'an Chao won IAEG Richard Wolters Prize 2018.

The 13th International Conference on Engineering Geology and the Environment were held on September 17th - 23rd, 2018 in San Francisco, USA. At this conference, Prof. Wei-An Chao from Taiwan won the Richard Wolters Prize. Prof. Chao is the Assistant Professor of Dept. of Civil Engineering, National Chiao Tung University, Taiwan. He got the Ph.D. degree from Geosciences department, National Taiwan University, Taiwan at 2012. His research focuses primarily on the Environmental Seismology, which aims to use seismic techniques in studying the Earth's surface processes. These processes include mass movements such as landslides, debris flow and rock/snow avalanches; glacial phenomena such as ice-quakes, glacier collapse/melt; water dynamics phenomena such as water level changes, water flow turbulent and river sediment transport.



Group photo of Prof. Wei-An Chao and the participants from Chinese Taipei Regional Group at 13th International Conference on Engineering Geology and the Environment, San Francisco, USA

France National Group

//////////France

French National Group of IAEG (CFGI: Comité Français de Géologie de L'Ingénieur et de L'Environnement) celebrated its 50th Anniversary on November 22 2018 in National Conservatory of the Arts and Meters.

French National Group published a book called *Géologie de l'ingénieur: actualité et perspectives* for the occasion. There were many articles about the history of engineering geology in France and how the profession operates today.



Géologie de l'ingénieur actualité et perspectives

The day was a succession of speakers talking about the history of engineering geology in France and all of the sectors where engineering geologists are working today: making maps, nuclear power industry, hydrogeology, making metro lines in Paris, aggregates, active mines and reclamation, education programs and expert witness work in the courts.

President of IAEG, Scott Burns was invited to present a keynote speech on landslides. Past president Paul Marinos was also invited to give a special talk on tunneling. There were totally 148 attendees present for this event, and 15 students also attended the celebration and signed up to become members of the national group.



President Anile Quenez addresses the conference on the 50th Anniversary

Iraq National Group

//////////////////Iraq

Under the auspices of University Technology President, Prof. Dr. Amin Douai Thamer and the supervision of Petroleum Technology Dean, Prof. Dr. Aqeel Shaker Al-Adili, the Department of Petroleum Technology at University of Technology held a scientific symposium entitled (The impact of oil operations on the environment and underground strata of southern Iraq, effects and solutions) on Thursday, 6 December 2018.

The workshop aims to identify the pollution resulting from the drilling and production of oil and gas in the provinces of southern Iraq and learn about the most important developments and modern techniques in pollution treatment and making recommendations to serve the protection of the environment and water resources of these provinces.

The workshop's topics included: pollutants and environmental damage of oil and gas, modern treating methods of oil and gas contaminants and the environmental reality and sustainable environment.

The lectures of the symposium have been given by a group of researchers from various universities and scientific institutions specialized in environmental pollution from some universities, the Ministry of Environment and the Ministry of Industry.

The seminars were attended by a large number of researchers and professors from various Iraqi universities and scientific institutions and a number of heads of departments and scientific centers at the University of Technology. The symposium came out with a set of recommendations including the proposal to oblige the oil companies operating in the field of oil extraction and production to address the pollution resulting from their operations and the necessity of applying alternative technologies in the field of improvement of production serve to reduce environmental pollution in Iraqi southern provinces, in addition to activating the joint ministerial committees in the field of oil pollution treatment.

Nepal National Group

//////////////////Nepal

9th Nepal Geological Congress (NGC-IX), Kathmandu, Nepal, November 19–21, 2018

Nepal Geological Society (NGS) organized an International Geoscientific Event “9th Nepal Geological Congress” on November 19–21, 2018 in Kathmandu, as a part of its scientific activities. The theme of this congress was “Geoscience for Economic Prosperity and Sustainable Development”. The theme itself is of

great significance, which tried to reveal the importance of geology especially the engineering geology and its applications in the sustainable development and economic prosperity of the nation. National Planning Commission, National Reconstruction Authority, President Chure-Terai Madesh Conservation Development Board, Department of Water Resources and Irrigation, Department of Mines and Geology, Kathmandu Metropolitan City, National Society of Earthquake Technology and Department of Geology, Tribhuvan University were the collaborating partners of this international event. Chief Guest Rt. Honorable Vice-President of Nepal, Nanda Bahadur Pun inaugurated the 9th Nepal Geological Congress (NGC-IX) on November 19, 2018. He highlighted the importance of geosciences to minimize the disaster risk and exploration as well as mining of important mineral resources of Nepal for the economic prosperity and sustainable development of the country. Rt. Honorable Vice-President of Nepal requested the geoscientists and Nepal Geological Society to work for these important issues. Honorable member of National Planning Commission Dr. Krishna Prasad Oli explained the possibility of exploring and mining of mineral resources in Nepal. Honorable Chief Executive Officer (CEO) of National Reconstruction Authority, Mr. Sushil Gyewali explained how the geoscientists has important role in the reconstruction of the country especially after the 2015 Gorkha Earthquake. Honorable, Chairman of President Chure-Terai Madesh Conservation Development Board, Mr. Birendra Yadav said that the mission of the board and the theme of the Congress are similar, and he expressed his commitment to work together with NGS in future as well. Dr. Kabi Raj Paudyal, President of Nepal Geological Society chaired the session and welcomed all the guests and participants.

Scientific papers from 11 different countries were received with total of 181 abstracts were published; majority of them belongs to the themes of geohazard mitigation and disaster risk management, groundwater exploration, infrastructure development, mineral and construction materials exploration. All these are related to economic prosperity of the country. The papers were presented during 3 days from 19 to 21 November 2018 as keynotes, invited lectures and oral/poster presentations in 14 different technical sessions. More than 350 participants attended the NGC-IX.

Finally, Valedictory Session of NGC-IX was concluded on November 21, 2018 and the Chief Guest of the session was Honorable Minister Matrika Prasad Yadav, Ministry of Industry, Commerce and Supplies, Government of Nepal. Distinguished guests from National Reconstruction Authority, President Chure-Terai Madesh Conservation Development Board, National Planning Commission were also present in the session.



Inauguration of 9th Geological Congress (NGC-IX)



Dr. Kabi Raj Paudyal provided the "Token of Love" to Honorable Minister Matrika Prasad Yadav

Nigeria National Group

NAEGE was represented by 4 delegates at the XIII Congress of IAEG held in San Francisco. Incidentally, the congress was also attended by 4 other persons from Nigeria, who were not previously registered in NAEGE. Since the congress, NAEGE has held a council meeting and its 3rd Annual International conference/AGM both in Port Harcourt, Nigeria. The conference/AGM were both highly successful and attended by over 500 persons. 65 Technical oral/poster presentations were made. It was indeed a full house and many matters pertinent to the growth and development of NAEGE

//////////Nigeria

and Engineering Geology in general were deliberated upon.

Chief among the achievements of the conference were:

1. the inauguration of YEG members in NAEGE;
2. the award of fellowship to members who have distinguished themselves in their service to the nation, promotion of the practice of engineering/environmental geology through training and mentorship of younger environmental/engineering geologists;
3. the launching and presentation of the proceedings of the 1st and 2nd Annual conferences

Since then, NAEGE has been very supportive in organizing the 1st Geoethics conference in Port Harcourt, Nigeria. NAEGE also participated actively and anchored the technical sessions during the 6th Engineer Enoch George Lecture series, organized by the Institution of civil/structural engineers. NAEGE also played a major role during the endowment of the Enoch George professorial chair in Geotechnical Engineering at the University of Port Harcourt, Nigeria.

Nigeria National Group



SEASONAL REPORT ON THE ACTIVITIES OF THE
IAEG TURKISH NATIONAL GROUP
UNDERTAKEN IN THE PERIOD
JUNE – DECEMBER, 2018



///////Nigeria

1. Executive Committee meetings

Executive committee had meetings in Istanbul Technical University on 11 June, and 16 November 2018.



View from Executive Committee meeting on November 16, 2018

2. Attending IAEG Council Meeting in San Francisco on 16 September 2018

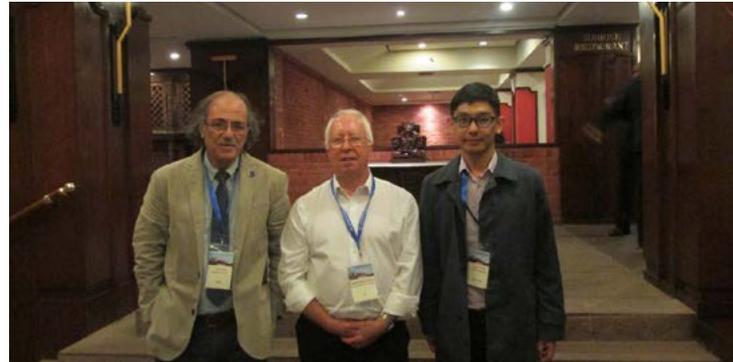
Executive member of Turkish National Group, Prof. Dr. Atiye Tuğrul, and the former president Prof. Dr. Reşat Ulusay attended the Council Meeting of IAEG and XIII Congress of IAEG held in San Francisco, USA between September 17-21, 2018. on 11 June, and 16 November 2018.



View from Council meeting of IAEG in San Francisco with Turkish delegates.

3. Prof. Dr. Reşat Ulusay was appointed as the Editor in Chief of IAEG

Prof. Dr. Reşat Ulusay, who was the former president of the Turkish National Group of Engineering Geology, and Assoc. Prof. Dr. Louis Ngai Yuen Wong from Chinese National Group were appointed as the Editors in Chief of IAEG starting from January 2019.



Picture of the former editor in chief Prof. Dr. Martin Culshaw (middle) with the current editors in chief Prof. Dr. Reşat Ulusay (left) and Assoc. Prof. Dr. Louis Ngai Yuen Wong (right)

4. Erguvanlı Engineering Geology Awards

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

The Erguvanlı Engineering Geology Awards are granted every year to encourage and promote young researchers in four categories:

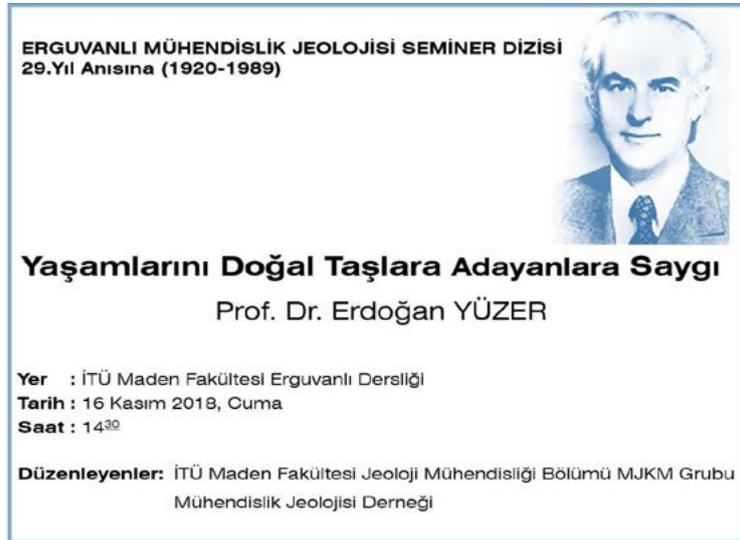
Graduation Projects, MSc Thesis, PhD Thesis and an outstanding paper published in peer reviewed international journals. The awards of best works nominated in all categories were evaluated by independent jury members and, delivered to the winners in a ceremony at the opening session of the Erguvanlı Engineering Geology Seminar, which was held in Istanbul Technical University on November 16, 2018.



A picture from Erguvanlı Engineering Geology Awards Ceremony

5. Erguvanlı Engineering Geology Seminar

Erguvanlı Engineering Geology Seminar was given by the honorary member Prof. Dr. Erdoğan Yüzer on the subject of “Respect to the People Who Dedicated to Their Life on Natural Stones” in Istanbul Technical University on November 16, 2018.



Poster of Erguvanlı Seminar given by Prof. Dr. Erdoğan Yüzer



Picture from Erguvanlı Seminar given by Prof. Dr. Erdoğan Yüzer

6. Symposium ENGCEO'2019

First circular and poster of “Ulusal Mühendislik Jeolojisi ve Jeoteknik Sempozyumu MÜHJEO'2019” – “National Symposium on Engineering Geology and Geotechnics – ENGCEO'2019” to be held in Pamukkale University, Denizli city was prepared and delivered. The poster of Turkish and English versions of the symposium were given below. The symposium language is in Turkish and in English.



/5. 12TH ASIAN REGIONAL CONFERENCE OF IAEG



Call for Abstracts

12th ARC of IAEG is calling for abstracts towards engineering geologists around the globe to make this conference meaningful and fruitful. Please be noticed with the information as follows.



Information & Notification

General Information



Important Dates

Abstract Submission Opens	1 st January 2019
Abstract Submission Deadline	30 th April 2019
Abstract Acceptance/Rejection Notice	31 st May 2019

About Jeju Island: <http://www.iaegarc12.org/sub06/sub01.html>

About venue: <http://www.iaegarc12.org/sub05/sub01.html>

Abstract Submission Guideline

- Please visit official website: <http://www.iaegarc12.org/>
- Please fill out “every blank” according to the submission website.
- Please be noticed that the presenter or one of the author MUST register for the conference in “early bird pre-registration term” to have your abstract published.

Abstract Criteria (Main Themes of the Conference)

1. Description and Behavior of Soils and Rocks

- Soil mechanics, Rock mechanics

2. Analysis and Prediction of Geo-hazards

- Landslides and Debris flow
- Earthquake and faulting
- Land subsidence

3. Site Investigation, Ground Characteristics and Geophysical Exploration

4. Environmental Geology and Hydrogeology

5. Engineering Geology in Construction and Maintenance

•Foundation, Tunnels and Underground Space, Slope, Dams, Earth Structure

6. Application of New Technology in Engineering Geology

•Remote Sensing, UAV, Terrestrial LiDAR etc.

Please click <http://www.iaegarc12.org/sub03/sub01.html> for the detailed information.

/6. MEETING INFORMATION

Perth, Australia, April 1-3, 2019

The 13th Australia New Zealand Conference on Geomechanics



//////////Perth, Australia

The 13th Australia New Zealand Conference on Geomechanics will be held at the Perth Convention and Exhibition Centre situated in the heart of Perth in Western Australia. The conference has a diverse range of themes including: Foundations and Retaining Structure, Ground Improvement, Offshore and Nearshore Geotechnics plus many more.

This promises to be an ideal forum for exploring the recent learnings in the broader Geomechanics community. It is from these learnings that the industry is able to continue to drive new innovations and drive practice forward.

The Australia New Zealand Conference on Geomechanics is always an important meeting place for professionals working in the Geomechanics industry and will again be a great place to explore the new directions emerging in the industry. It is an opportunity to engage with speakers from across Australia, meet up with colleagues, network and visit the exhibitor displays.

Conference Date: April 1-3, 2019

Venue: Perth Convention and Exhibition Centre

Contact Information

Conference Managers: Arinex Pty Ltd Phone: +61-8-9486-2000

Email: ANZgeomechanics2019@arinex.com.au

Website: <http://feomechanics2019.com.au>

Registration

Early Bird Closes: November 19, 2018

Standard Opens: November 20, 2018

Vienna, Austria, April 7-12, 2019

EGU General Assembly 2019



/////Vienna, Austria

The EGU General Assembly 2019 will take place in Vienna (Austria) on April 7–12, 2019. It will bring together geoscientists from all over the world to one meeting covering all disciplines of the Earth, planetary, and space sciences.

Conference Information

The official conference website : <https://egu2019.eu/>

Conference Date : April 7-12, 2019

Venue : Austria Center Vienna (Bruno-Kreisky-Platz 11220 Vienna Austria)

Important Date

January 18, 2019 : Deadline for Abstract

February 28, 2019 : Deadline for Early Registration

Baghdad, Iraq, April 10-11, 2019

1st International Conference on Petroleum Technology and Petrochemicals 2019



The Petroleum Technology Department at University of Technology, Baghdad invites all the researchers to attend the "1st International Conference on Petroleum Technology and Petrochemical" (PTP 2019) scheduled on 10-11 April, 2019, at University of Technology, Baghdad, Iraq. This conference directs towards addressing main issues as well as future strategies of global energy industry. This is going to be the most promising international conference where petroleum and petrochemical engineering (e.g. oil and gas engineering) professionals as well as decision makers will come to discuss and debate on various aspects of the challenges, risks and investment opportunities throughout the complete integrated energy

and utilities supply chain.

Contact Information

The official conference website: <http://uotechnology.edu.iq/icptp/>

Conference Date : April 10-11, 2019

E-mail: icptp@uotechnology.edu.iq; icptp2019@gmail.com

Tel : +964-7737933238/7700485959

The conference is calling for papers. Please refer to <http://uotechnology.edu.iq/icptp/index.htm> for submission requirements.

Conference Topics

1. Reservoirs Engineering.
2. Drilling Engineering.
3. Petroleum Production Engineering.
4. New Techniques of Petroleum Exploration & Investigation.
5. Oil transportation & Storage Management
6. Engineering Structures and Foundations in Oil Projects
7. Petroleum Geology.
8. Petrochemicals and Natural Gas.
9. Environmental Pollution and Treatment Technologies in Petroleum Processing.
10. Artificial Intelligence and Neural networks.
11. Sustainable Developments in Petroleum Industry

Pico Island, Portugal, May 9-10, 2019

NatHaz19 – Hydrological Risks



//////////Pico Island

The Regional Laboratory of Civil Engineering – LREC, announces the International Workshop on NATURAL HAZARDS - NatHaz19 under the theme “Hydrological Risks” to be held in Lajes do Pico

village, in Pico Island (Azores), on May 9-10, 2019.

The Workshop will include one day with technical sessions for oral presentations and a keynote lecture by an international specialist on Natural Hazards, and a second day with a technical visit. For all the attendants, it will also be possible to take part in several touristic tours after the Workshop. The selected proceedings will be published by the publisher Springer in the series "Advances in Science, Technology & Innovation" and the best selected works can be submitted (until late 2019), in expanded version, to the international journal "Springer Nature Applied Sciences". The submission of abstracts are open until middle of February 2019.

This Workshop will offer a good opportunity for a forum on several issues related with natural hazards, particularly about hydrological risks and hazards, in this second edition. We warmly invite all professionals and researchers, including engineering geologists, geotechnics, hydrologists, environmental scientists and engineers, to participate in the event.

Due to its tectonic and volcanic environment, the Azores region is affected by most of all-natural hazards in a climate change framework, namely, earthquakes, volcanic eruptions, landslides, floods, coastal erosion, etc. So, it is the perfect place where professionals in those areas can discuss those problems. It will also be a great opportunity to closely contact the local reality, in what concerns the natural risks that can affect that island and to visit several peculiar geological/volcanological aspects.

It will also provide an excellent occasion to enjoy the beautiful landscape of Pico Island. The beauty given by the volcanic nature of Azores islands, its geographical, cultural and gastronomical specificities and the hospitality of the Azorean people, may also be a good justification for combining the technical and scientific interest with the touristic aspects and take advantage of this excellent opportunity to visit the Azores, particularly the so-called "Triangle" (Pico Island and its nearest islands, Faial and S. Jorge).

Contact Information

The official conference website: <https://sites.google.com/civil-event.pt/nathaz19/homepage>

Conference Date : May 9-10, 2019

E-mail: NatHaz@azores.gov.pt Tel : +351-296-301-500/75

The conference is calling for abstracts. Submission platform for abstract is now available. Please click <https://easychair.org/>

[conferences/?conf=nathaz19](#) for submission.

Registration

Registration is available by <https://sites.google.com/civil-event.pt/nathaz19/application-form>

Registration Fees

Until January, 2019: €150 After January 31, 2019: €200

Students---50% of the above values

Beijing, China, May 11-12, 2019

International Conference on Silk-Road Disaster Risk Reduction and Sustainable Development



//////////Beijing, China

The Silk Road has played an essential role in connecting the East and the West, through the exchange of trade, science technology and civilization. However, due to active underlying geological structures, including rapid tectonic uplift, climate change, and natural hazards (e.g., earthquakes, landslides, floods, typhoons, tsunamis, etc.) that occur frequently, these conditions place threats on both social development and livelihoods along the Silk Road. Furthermore, numerous challenges related to disaster risk reduction exist in this area, including a lack of background information and data sharing mechanism, as well as an absence of a scientific risk assessment method, and mitigation countermeasures, etc.

Based on this understanding, the Chinese Academy of Sciences (CAS), China Association for Science and Technology, and United Nations Environment Program (UNEP) and International Scientific Partners will jointly host the International Conference on Silk-roads Disaster Risk Reduction and Sustainable Development in Beijing, on May 11-12, 2019.

Conference Date: May 11-12, 2019

Venue: Beijing International Convention Center

Contact Information

Website: <http://www.sidrr.com/>

Contact Persons

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Tel: 15928089209

Theme

Towards Safe, Green, and Resilient Silk Roads

Main Topics

- Hazard Information detection and data sharing
- Mechanisms and physical process
- Monitoring and early warning
- Hazard prevention and mitigation
- Emergency management and post-disaster reconstruction
- Cross-border disasters
- Sustainable development

Roma, Italy, June 17-20, 2019

VII International Conference on Earthquake Geotechnical Engineering



VII International Conference on Earthquake Geotechnical Engineering

//////////Roma, Italy

The 7th International Conference on Earthquake Geotechnical Engineering (VII ICEGE) will be held in Roma, Italy, June 17-20, 2019.

Conference Information

The official conference website: <http://www.7icege.com/>

Conference Date : June 17th-20th, 2019

Venue : Angelicum Conference Centre, Roma, Italy

News and Notice

The conference program has been updated, including Key Lectures, Special Lectures, Theme Lectures and Special Sessions. In addition, the conference is calling for sponsors and exhibitors. Please click https://www.dropbox.com/s/w2hlhrtrk9wchhj/7ICEGE_Sponsor_OP15.pdf?dl=0 for more detailed information.

Iguassu, Brazil, September 13-18, 2019

ISRM 14th International Congress of Rock Mechanics



//////////Iguassu, Brazil

2019 will be a special year for the ISRM South America National Groups when the region welcomes the ISRM family for its 14th Congress. Brazil, Argentina and Paraguay will be the host countries for the event that is to be held in Foz do Iguassu, city that marks the common border amongst these countries.

The central theme of the Congress is Rock Mechanics for Natural Resources and Infrastructure Development, a theme much relevant and needed for the current stage of most of the countries. All ISRM regions are invited to share their experience in the theme. The technical program is being established by an International Scientific Committee in order to attract different categories of geotechnical professionals as academics, consultants, contractors, public companies and should incorporate issues of ISRM Technical Commissions.

Contact Information

The official conference website: <http://isrm2019.com/>

Conference Date : September 13-18, 2019

Venue : Bourbon Cataratas Convention & Spa Resorts

E-mail: atendimento@mci-group.com; isrm.2019@puc-rio.br

Tel : +55-11-3056-6000

Important Date

January 14-March 18, 2019: Paper submission

May 17, 2019: Disclosure of technical commission evaluation

June 28, 2019: Early bird registration

Technical Themes

- Dynamic instability of underground excavations (Rockbursts)
- Case histories in rock engineering
- Characterization of faults and other geological features
- Characterization of intact rocks and rock masses
- CO₂ injection and underground rock storage
- Computational methods for rock mechanics big data
- Constitutive models in prediction of rock behavior
- Crustal stress and earthquakes
- Dams and foundations in rocks

London, UK, September 18-19, 2019

MENA 2019 Oil & Gas Conference

Target Exploration Consultants conducts several Exploration and Development Geosciences Courses, E&P Country Reviews and workshops in the UK and MENA Countries. The 12th Middle East and North Africa Oil and Gas Conference will take place in London, UK on September 18-19, 2019.



//////////London, UK

Conference Information

The official conference website : <https://www.targetexploration.com>

Conference Date : September 18-19, 2019

Venue : Imperial College, 180 Queens Gate, London SW7

E-mail : m.ibrahim@targetexploration.com

Tel : +44-0-207-371-2240/+965-976-350

The conference is calling for abstracts and papers. Please submit your abstract before April 1 and paper or PPT before May 1, 2019. For more information, please click <https://www.dropbox.com/s/h3gjilfu988hwem/CFPMENA2019.pdf?dl=0>

St. John's, Canada, September 29 – October 2, 2019

Geo St. John's 2019 - The 72nd Canadian Geotechnical Conference



//////////St. John's, Canada

The 72nd Canadian Geotechnical Conference will be held at the St. John's Convention Centre in St. John's, Newfoundland and Labrador, Canada from Sunday, September 29 to Wednesday, October 2, 2019. The conference has a diverse range of themes including: Foundations and Retaining Structure, Ground Improvement, Offshore and Nearshore Geotechnics plus many more.

The theme for Geo St. John's 2019 is Under Land and Sea. Growth of the offshore oil and gas industry in Atlantic Canada has created many opportunities for the geotechnical community. This conference intends to highlight recent achievements in offshore and nearshore geotechnical engineering. The technical program will also cover a wide range of geotechnical and hydrogeological topics, including specialty sessions that are of local and national relevance. In addition to the technical program and plenary sessions, Geo St. John's 2019 will include a complement of distinguished keynote speakers, high calibre short courses, social events, and technical tours.

Conference Date: September 29 to October 2, 2019

Venue: St. John's Convention Centre

Contact Information

Conference Managers: Wayne Gibson

Phone: +1-604-241-1297

Email: info@geostjohns2019.ca

Website: <http://www.geostjohns2019.ca/>

Registration

From Mid-March, 2019 to July 31, 2019

Special Events

Icebreaker and Exhibitor Reception

CGS Awards Banquet

St. John's Local Colour Night

Technical Themes

- Soil Mechanics and Foundations
- Rock Mechanics and Engineering Geology
- Landslides and Geohazards
- Mining Geotechnics and Hydrogeology
- Geoenvironmental Engineering
- Transportation Geotechnics
- Geosynthetics
- Cold Regions Geotechnology
- Sustainable Geotechnics
- Some other Geotechnical Themes

Shaoxing, China, October 19-21, 2019

The 2nd Shaoxing International Forum on Rock Mechanics and Engineering Geology



//////////Shaoxing, China

The 2nd Shaoxing International Forum on Rock Mechanics and Engineering Geology (SXFRG) will be held in Shaoxing on October 19-21, 2019. The theme of SXFRG is New Technologies in Rock Mechanics and Engineering Geology.

The successful development of large-scale construction projects requires the joint efforts of experts from the fields of engineering geology and rock mechanics. Correspondingly, some conventional engineering geological and rock mechanical test, monitoring and survey technologies can no longer meet the challenges of new projects in terms of scale, depth and difficulty. Therefore, it is necessary for leading scientific societies to further promote the exchanges and cooperation to jointly solve key problems that are constantly emerging in the construction projects.

Under such opportunities and challenges, the development of highly targeted, reliable scientific research and engineering methods and techniques is the common goal pursued by the global engineering geology and rock mechanics scholars. This is the topic to be discussed on this forum.

Conference Date: October 19-21, 2019

Venue: Shaoxing University

Contact Information

Website: <http://www.sxfrg.org>

Phone: +86-575-88341139

Email: sxfrg@usx.edu.cn

Registration

Closes: August 31, 2019

Delhi, India , March 2-8, 2020

36th International Geological Congress



36th International Geological Congress

2-8 March, 2020, Delhi, India

//////////Delhi, India

36th IGC is a Government of India funded project under the aegis of Ministry of Mines and the Ministry of Earth Sciences. Geological Survey of India is the Nodal agency for organizing this conference with active support of Indian National Science Academy (INSA) and the support of science academies of Bangladesh, Nepal, Pakistan and Sri Lanka. Organizing this event envisages support and cooperation from all geoscientific organizations, institutes and geoscientists of India and Indian sub-continent.

Contact Information

Website: <http://36igc.org/index.php> Phone :+91-11-29965750

Email: igc.delhi2020@nic.in igc.delhi2020@gmail.com

Venue : India Expo Centre & Mart

Themes

There are 45 themes arranged such as Geoscience for Society, Hadean to Archaean Earth, Proterozoic Earth, Supercontinent Cycles and Geodynamics, and Orogens through Time.

Field Trips

More than 71 field trips have been prepared. Please click <http://36igc.org/fieldexcursions.php> for the details.

Important Dates

February 15-June 30, 2019 Super Early Bird registrations

August 31, 2019

Abstract submissions close

October 31, 2019	Field trip bookings close (full payment)
October 30, 2019	Presenter's registrations close
November 30, 2019	Early Bird registrations close
December 31, 2019	Requests for Business Meetings close
January 31, 2020	Standard Congress registrations close. Late registrations commence

Circulars

Two circulars have been released. You can visit <http://36igc.org/FINALFirstCircular.pdf> and <http://36igc.org/SecondCircular.pdf> for the detailed information.

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