



IAEG

NEWSLETTER

Issue No.3, 2020

Website: www.iaeg.info

Electronic Version



IAEG NEWSLETTER

Electronic Version

Issue No.3, 2020

Website: www.iaeg.info

Edited by the IAEG Secretariat, Shaoxing, China

1. 50TH ANNIVERSARY OF BOEG	1
2. ANNUAL REPORT 2020 OF BOEG	13
3. THE BULLETIN – THE IAEG’S SCIENTIFIC JOURNAL	14
4. YEG ACTIONS	23
5. ANNOUNCEMENT FOR QUALIFIED CANDIDATES FOR 2020 RICHARD WOLTERS PRIZE	27
6. CALL FOR MEMBERSHIP UPDATE 2020	28
7. EVENTS OF NATIONAL GROUPS	30
8. EVENTS OF COMMISSIONS	41
9. 3 rd EUROPEAN REGIONAL CONFERENCE	43
10. MEETING INFORMATION	44
11. CONTACT INFORMATION	49

1. 50TH ANNIVERSARY OF BOEG

From 1970 to 2020: the 50th Anniversary of “Bulletin of Engineering Geology and the Environment” - the IAEG’s Scientific Journal

Reşat Ulusay, Louis N. Y. Wong

Editors-in-Chief

1. Introduction

“Bulletin of the International Association of Engineering Geology” and “Bulletin of Engineering Geology and the Environment”, as its previous and recent names, respectively, is the official journal of the International Association of Engineering Geology (IAEG) and created in 1970, six years after the establishment of IAEG. Since only a few international associations have their own scientific and technical journals, the value of the Bulletin increased day by day. Starting as a simple artisanal publication, the Bulletin became a scientific reference among the most respected journals in the fields of engineering geology, the environment and other geoscience. This year, we are celebrating the 50th Anniversary of the Bulletin. It has been great honor and pleasure for the two Editors-in-Chief of the Bulletin, to have compiled and written this article celebrating its 50th Anniversary.

In this article, following section 2 on the brief history of the Bulletin, the purpose and scope of the Bulletin are described in section 3. A brief history of the Editors-in-Chief (EiC) of the Bulletin and its Editorial Board through 50 years and the distribution of the Editorial Board members with respect to countries/regions are given in section 4. Section 5 includes brief information on the Hans Cloos Medal (the most prestigious medal given by IAEG) Lecture Papers published in the Bulletin. In section 6, the A&I services covering the Bulletin, and the impact of the Bulletin are provided. The Impact Factors (IFs) of the Bulletin are compared against some other well-known journals in Engineering-Geological category. The paper submission and evaluation procedures are described in section 7. Finally, in section 8, some statistical assessments on the submissions and the publication plan for the Bulletin are given and briefly discussed.

2. Brief History of the Bulletin

The IAEG was founded in 1964. At that time, few international societies had their own scientific journal. The first elected executive committee of IAEG decided at their second meeting at the UNESCO Palace, Paris, in May 1969 to create an official scientific journal of the IAEG, edited and published by the Association and named the “Bulletin of the International Association of Engineering Geology” (Figure 1a). As the official journal of IAEG, the Bulletin of the International Association of Engineering Geology was first published in 1970. The first Bulletin was distributed during the 1st IAEG Congress held in September 1970 in Paris, particularly with the personal efforts of Quido Záruba, the IAEG president, Jaroslav Pašek, Marcel Arnould and several other staff from the Paris School of Mines. In the first editorial in Bulletin No. 1 (presumably written by the secretary general, Marcel Arnould), it was indicated that the “Bulletin was not seen as being in competition with other engineering geological journals, rather, it is intended to be a common platform for communication where our members and all engineering geologists will find the news from the field of engineering geology”. Marcel Arnould also wrote in the first editorial that the executive committee wanted the Bulletin to be a relatively modest affair with only two issues per year so that costs and, hence, subscription rates could be kept to a minimum.

The 1969 meeting in Paris also determined that the Bulletin would be bilingual, in the sense that authors could submit papers in either French or English. Each paper was to have an abstract and keywords in both French and English. This was in accordance with the founding philosophy of the IAEG, as stated in its statutes. The choice of two languages was a sign of the multi-cultural and multi-national nature of the Association. However, it is interesting to note further comments by Marcel Arnould in his 1972 General Assembly report that the executive committee left open the possibility of publishing abstracts in the other official languages of the IAEG – Russian, German, Italian and Spanish.

In the early days of the Bulletin, reviewing, editing, publishing, printing and shipping were all organized by the IAEG Secretary General and his secretariat. There was no separate Editor-in-Chief. The Secretary-General took on the role. However, according to the introduction to Bulletin No. 1 in 1970, an editorial secretary position was established by the general secretariat of the IAEG within the Department of Engineering Geology of the Geological Institute of the Czechoslovak Academy of Sciences, Prague. It is not clear for how long this position continued to exist. The Secretary General remained the editor of the Bulletin until the international science publishing house 'Springer' took over as the publisher of the Bulletin in 1998. While Marcel Arnould was editor, the Bulletin was printed by Presses de G. de Bussac, Clermont Ferrand, France; during the editorships of Richard Wolters and Karl-Heinrich Heitfeld, printing was transferred to Germany. From 1982 to 1997, under Louis Primel's editorship, the Bulletin was printed by Imprimerie Louis Jean, Publications Scientifique et Littéraires, Gap, France. In 1972, the Bulletin moved to a double column format.

In 1998, based on the contract signed between the IAEG and Springer on 27 November 1997, in Heidelberg, the Bulletin ceased to be published by the IAEG itself and publication moved to Springer. The Bulletin is now typeset in India and printed in the Netherlands. An important consequence of the move to an international publisher was that the Bulletin was now available digitally, online, via Springer's website.

The numbering system used by the Bulletin is quite confusing. From 1970 to 1997, two issues were published per year. These were labelled as No. 1, No. 2 and so on. Consequently, by the end of 1997, 56 separate issues had been published in 28 years. From 1998, the system changed to four parts per year with a more conventional numbering system of volumes and parts. It was decided that the numerical sequence should be maintained so the four parts for 1998 became Issues 1 to 4 of Volume 57. Four issues had been published in each Volume until 2018. It was increased to 8 issues in 2019 (Volume 58), and 10 Issues are planned to be published in 2020 (Volume 59).

At the IAEG Council meeting in June 1997 (Athens), it was agreed to change the name of the IAEG to the "International Association for Engineering Geology and the Environment". As a consequence, the Bulletin's name also changed to the "Bulletin of Engineering Geology and the Environment" (Figure 1b). Agreement to change the Association's name was not unanimous but reflected the mood of the times, which also saw a change in the name of the 'Association of Engineering Geologists' in the USA to the 'Association of Environmental and Engineering Geologists'. The change was also a consequence of a change in the statutes of the IAEG in 1992 (Kyoto). The new statutes broadened the scope of engineering geology beyond its traditional relationship with civil engineering to include a wider environmental agenda.

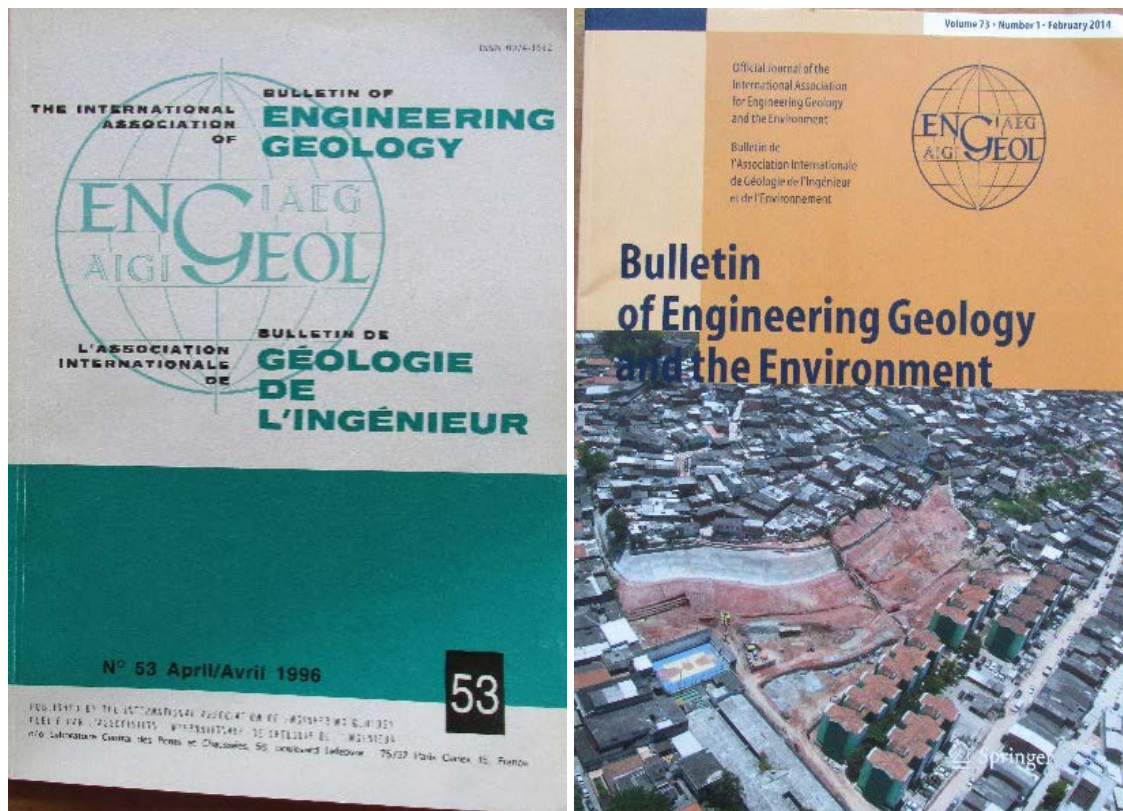


Figure 1. Bulletin of the International Association of Engineering Geology (on the left)
Bulletin of Engineering Geology and the Environment (on the right)

3.Scope of the Bulletin

According to the IAEG amendments to the statutes, which came into effect in August 1974, and were published in Bulletin No. 10 in December 1974, the purpose of the Bulletin was: "To inform members and to promote publication for the worldwide dissemination of new engineering geological knowledge and techniques. The publication of the Bulletin is particularly devoted to this purpose". This confirmed the statement in the first editorial in Bulletin No. 1 that it was initially envisaged as a cross between a newsletter and a scientific journal. The IAEG statutes of 1992 stated that one of the aims of the IAEG was to, "...evaluate and disseminate the results of engineering geological activities on a worldwide basis by ... the publication of the scientific and technical achievements of members of the IAEG in the IAEG's own periodical and relevant news in the IAEG newsletter". Here there is a clear distinction between scientific publication and news.

Engineering geology is defined in the statutes of the IAEG as the science devoted to the investigation, study and solution of engineering and environmental problems which may arise as the result of the interaction between geology and the works or activities of man, as well as of the prediction of and development of measures for the prevention or remediation of geological hazards. The scope of the Bulletin is as follow, which can also be found in the following link: <https://www.springer.com/journal/10064/aims-and-scope>

- (a) the applications/implications of the geomorphology, structural geology, and hydrogeological conditions of geological formations;
- (b) the characterization of the mineralogical, physico-geomechanical, chemical and hydraulic properties of all earth materials involved in construction, resource recovery and environmental change;
- (c) the assessment of the mechanical and hydrological behavior of soil and rock masses;
- (d) the prediction of changes to the above properties with time;

(e) the determination of the parameters to be considered in the stability analysis of engineering works and earth masses.

4.Editors-in-Chief and Editorial Board

Over the past 50 years, the Bulletin has had only eight Editors or Editors-in-Chief (Figure 2), one of whom was a temporary appointment lasting less than a year (Table 1). Among the past Editors, two Editors served 15 and 14 years, respectively. As seen from Table 1, until 2018 only one Editor took the responsibility. In the most recent years, as submissions to the Bulletin have exceeded 1000 per year, on 1st January 2018, the Bulletin began to have two Editor-in-Chiefs.



Figure 2. Editors-in-Chief of the Bulletin between 1970 to present

Table 1. Editors-in-Chief and Co-editors of the Bulletin (1970-2020)

EDITOR(S)-IN-CHIEF	PERIOD
Marcel Arnould (France)	1970 - 1973
Richard Wolters (Germany)	1974 - 1981
Karl-Heinrich Heitfeld (Germany) (for Bulletin No. 24)	1981
Louis Primel (France)	1982 - 1997
Brian Hawkins (UK)	1998 - 2012
Martin Culshaw (UK)	2013 - 2018
Martin Culshaw (UK) & Louis Wong (Hong Kong)	2018 - 2019
Louis Wong (Hong Kong) & Reşat Ulusay (Turkey)	2019 - present
CO-EDITORS	PERIOD
André Peter (France)	1982 - 1987
Roger Cojean (France)	1997-2015
Jean-Alain Fleurisson (France)	2015 - present

From 1970, the Editor (who was the Secretary General of the IAEG) was supported by an Editorial Board that consisted of the editor, H. Voltz, Rudolph Glossop, Quido Záruba, and Georgii Zolotarev. By the time of the publication of Bulletin No. 2, this Board had expanded and it continued to evolve until Richard Wolters took over as Editor-in-Chief in 1974. There was no mention of an Editorial Board in 1974 but in 1975 the editorial structure changed. An editorial committee was introduced, consisting of Bill Dearman (UK) and Owen White (Canada) responsible for English-language papers, Marcel Arnould responsible for French-language papers, Jean Ducellier (France) responsible for news and bibliographic material (until 1984), M. Reinhardt (Germany) responsible for advertising and H. Tekook (Germany) responsible for printing preparations. The editorial board was now called "Representatives of National Groups." The membership was essentially the same as the 1973 Editorial Board. When Louis Primel (France) took over as Editor-in-Chief in 1982, he appointed André Peter (France) as Co-Editor, who held this position until 1987. The "Representatives of National Groups" disappeared from the Bulletin at the end of 1985. At the 1986 Council meeting in Buenos Aires, a formal Editorial Board was re-established. Initially, this had 15 members but it eventually grew to 18.

After 1997, the new Editor-in-Chief, Brian Hawkins (UK), was supported by a co-editor, Roger Cojean (France), who dealt with French language papers and provided French abstracts for English language papers. Brian Hawkins worked in close partnership with his editorial assistant, Marian Trott, the two of them making a formidable team. Further support was provided by an Editorial Panel, which was the Executive Committee of the IAEG. There is no record of use being made of the original Editorial Board but from 2007, a new one was created, which, initially, had eight members. In 2014 this had grown to having over 25 members, reflecting the increase in submissions to the Bulletin and the need to have a reasonably rapid and auditable turnaround of papers. Members of the Executive Committee also act as Editorial Board members when paper submission rates are very high.

Martin Culshaw (UK) became the Editor-in-Chief in 2013 and significantly expanded the Editorial Board. Since 2018, the Bulletin began to have two Editor-in-Chiefs in view of the continually increasing number of submission. Each Editor-in-Chief is responsible for half of the submissions. Louis Wong (Hong Kong) was appointed as the other Editor-in-Chief. After the retirement of Martin Culshaw from the BOEG, his Editor-in-Chief role was taken over by Reşat Ulusay (Turkey). Due to retirement of some members and remarkable increase of the number of submissions in the last three years, some changes were made to the Editorial Board in mid-2019 and in the first half of 2020, leading to a steady increase of the number of the Board members. The current Editorial Board (as in June 2020) comprises 94 members (three Assistant Editors and 91 Board members). Before this modification, 24 countries/regions were represented on the Board, and now the number of represented countries/regions has increased to 32 (Table 2).

Table 2. Geographical distribution of the Editorial Board members (June 2020)

Country	No.	Country	No.	Country	No.	Country	No.
Argentina	1	Germany	1	Nepal	1	S. Africa	2
Australia	2	Greece	2	New Zealand	2	S. Korea	2
Canada	3	Hong Kong	3	Norway	1	Sweden	1
China	21	India	2	Pakistan	1	Switzerland	2
Croatia	1	Indonesia	1	Portugal	2	Taiwan	1
Czech Rep.	2	Italy	12	Russia	2	Turkey	8
Denmark	1	Japan	1	Serbia	1	UK	7
France	2	Kazakhstan	1	Singapore	1	USA	3

5.Hans Cloos Medal Lecture Papers Published in the Bulletin

In the Bulletin, a further important development took place in 2003. Since 1977, the IAEG had awarded its most prestigious medal, the Hans Cloos Medal, approximately every two years. From 2002, it was decided that the medal winner should present a Hans Cloos Lecture and that a paper, resulting from the lecture, would be published in the Bulletin. The first Hans Cloos Lecture paper, written by John Knill, was published in 2003. A list of the Hans Cloos Lecture papers is provided in Table 3.

Table 3. Hans Cloos Lecture papers published in the Bulletin

Year	Hans Cloos lecturer	Title of the paper	Publication details (year, volume, pages)
2002	John Knill	Core values: the first Hans Cloos Lecture	2003, V.62, 1-34
2004	Vincenzo Cotecchia	The Second Hans Cloos Lecture. Experience drawn from the great Ancona landslide of 1982	2006, V.65, 1-41
2006	Robert Schuster	The Third Hans Cloos Lecture. Urban landslides: socioeconomic impacts and overview of mitigative strategies	2007, V.66, 1-27
2008	Wang Sijing	The 2008 Hans Cloos Lecture. Seismic geo-hazard assessment of engineering sites in China	2009, V.68, 145-159
2010	Martin Culshaw	The 2010 Hans Cloos Lecture. The contribution of urban geology to the development, regeneration and conservation of cities.	2011, V.70, 333-376
2012	Victor Osipov	The 2012 Hans Cloos Lecture. Physico-chemical theory of effective stress in soils	2014, V.73, 903-915
2014	Roger Cojean	The 2014 Hans Cloos Lecture. Engineering Geology—some feedback regarding the practice of a scientific and technical discipline	2015, V.74,
2016	Resat Ulusay	The 2016 Hans Cloos Lecture. Geo-engineering aspects on the structural stability and protection of historical man-made rock structures: An overview of Cappadocia Region (Turkey) in the UNESCO's World Heritage List	2018, V.77, 457-488
2018	Runqiu Huang	The 2018 Hans Cloos Lecture*	Not yet published
2020	Faquan Wu		Not yet published

* Not submitted by the author yet

6.Impact

Bulletin of Engineering Geology and the Environment is currently covered by the following (A&I) services:

AGRICOLA, CAB Abstracts, CNKI, Chemical Abstracts Service (CAS), Current Contents/ Engineering, Computing and Technology, Current Contents/Physical, Chemical and Earth Sciences, Dimensions, EBSCO Academic Search, EBSCO Discovery Service, EBSCO Engineering Source, EBSCO Environment, EBSCO STM Source, Ei Compendex, GeoRef, Geobase, Google Scholar, INSPEC, Institute of Scientific and Technical Information of China, Japanese Science and Technology Agency (JST), Journal Citation Reports/Science Edition, Naver, OCLC WorldCat Discovery Service, ProQuest Agricultural & Environmental Science Database, ProQuest Aquatic Sciences and Fisheries Abstracts (ASFA), ProQuest Central, ProQuest Civil Engineering Abstracts, ProQuest Earth, Atmospheric & Aquatic Science Database, ProQuest Engineering, ProQuest Environment Abstracts (Module), ProQuest Environmental Science, ProQuest Materials Science and Engineering Database, ProQuest Meteorological & Geostrophysical Abstracts, ProQuest Natural Science Collection, ProQuest SciTech Premium Collection, ProQuest Technology Collection, ProQuest Water Resources Abstracts, ProQuest-ExLibris Primo, ProQuest-ExLibris Summon, SCImago, SCOPUS, Science Citation Index Expanded (SciSearch), Semantic Scholar, UGC-CARE List (India)

Since its foundation, another very important change for the Bulletin was the agreement that the Bulletin should receive an "impact factor (IF)". In any given year, this is defined as the number of citations, received in that year, of articles published in that journal during the two preceding years, divided by the total number of "citable items" published in that journal during the two preceding years. The Bulletin first received an impact factor in 2007. The IFs for the Bulletin between 2007 and 2019, together with those of other three main competitors during the same period, are shown in Table 4. It is interesting to note that since the Bulletin received an impact factor, the number of papers submitted and the number of papers published have increased significantly. At the first beginning until 2012, the IF for the Bulletin remained at just under 0.7, which was relatively low. However, only one of the three main competing English-language engineering geological journals had an impact factor over 1.0 at that time. In 2014, it slightly rose to 0.764, and then a clear increase in the IF was observed and it reached 2.138 in 2018 (Table 4). After one year, in 2019, the IF jumped to 3.041 with an increase of 0.903 as compared to that in 2018.

Figure 3 graphically presents the percentile rank in category. While the Bulletin was ranked 18 in the list of "top 20 journals in the Engineering, Geological" in 2017, it dropped to the rank of 22 in 2018. Due to the remarkable increase of IF from 2.138 to 3.041 in 2019, the Bulletin is now in the top 10 for Engineering, Geological journal category (Table 5).

Table 4. Impact factors for the Bulletin and three other English-language engineering geological journals (2007-2019)

Year	Impact Factor			
	BOEG	QJEGH	EG	E&EG
2007	0.463	0.685	0.951	0.271
2008	0.627	0.919	1.197	0.360
2009	0.342	0.877	1.212	0.372
2010	0.648	0.859	1.442	0.273

2011	0.667	0.797	1.242	0.340
2012	0.617	0.757	1.403	0.630
2013	0.721	0.568	1.757	0.596
2014	0.760	1.013	1.744	0.977
2015	1.252	1.058	2.196	0.500
2016	1.901	1.102	2.569	0.739
2017	1.825	0.818	3.100	0.318
2018	2.138	1.171	3.909	0.844
2019	3.041	1.897	4.779	0.755

Note: QJEGH = Quarterly Journal of Engineering Geology and Hydrogeology; EG = Engineering Geology; E&EG = Environmental and Engineering Geoscience

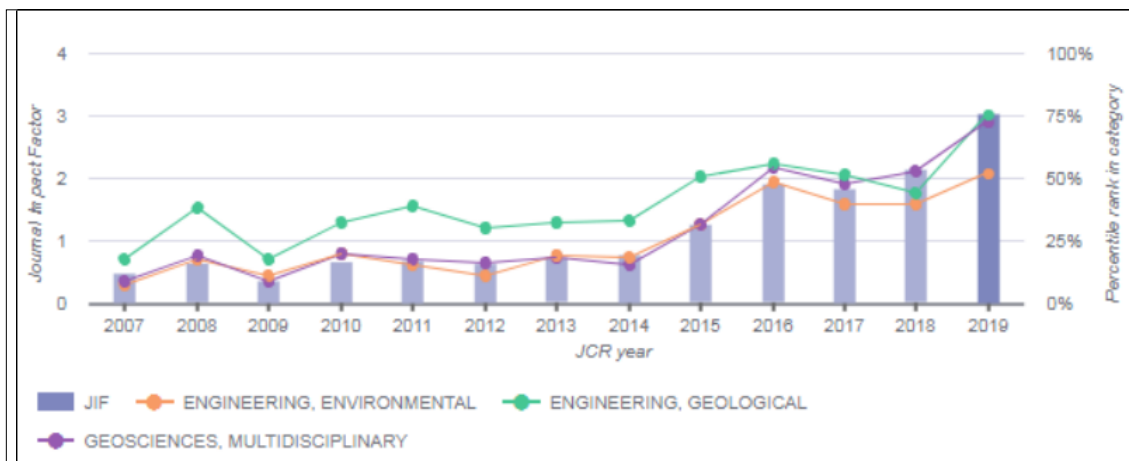


Figure 3. Variation of IF and percentile rank in category

Table 5. Comparison of the Bulletin with other high performance Engineering, Geological journals for the year 2019.

Rank	Full Journal Title	Impact Factor
1*	ENGINEERING GEOLOGY	4.779
2	Landslides	4.708
3	Acta Geotechnica	4.350
4	INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES	4.151
5	ROCK MECHANICS AND ROCK ENGINEERING	4.140
6	GEOTECHNIQUE	3.830
7	COMPUTERS AND GEOTECHNICS	3.818
8	EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS	3.414
9	GEOTEXTILES AND GEOMEMBRANES	3.400
10*	Bulletin of Engineering Geology and the Environment	3.041
11	Journal of Rock Mechanics and Geotechnical Engineering	2.829
12	INTERNATIONAL JOURNAL FOR NUMERICAL AND ANALYTICAL METHODS IN GEOMECHANICS	2.814
13	CANADIAN GEOTECHNICAL JOURNAL	2.802
13	GEOSYNTHETICS INTERNATIONAL	2.802
15	JOURNAL OF EARTHQUAKE ENGINEERING	2.779
16	JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING	2.714
17	SOIL DYNAMICS AND EARTHQUAKE ENGINEERING	2.637
18	Bulletin of Earthquake Engineering	2.602
19	International Journal of Geomechanics	2.589
20	Geomechanics and Engineering	2.485
26*	Quarterly Journal of Engineering Geology and Hydrogeology	1.897
37*	ENVIRONMENTAL & ENGINEERING GEOSCIENCE	0.755

* Refer to Table 4 for yearly IFs

Apart from the IF, the status of the Bulletin can be assessed by a number of other metrics. For example,

1. SNIP 2019: 1.569 (Source Normalized Impact per Paper measures actual citations received relative to citations expected for the serial's subject field)
2. SJR 2019: 0.770 (SCImago Journal Rank measures weighted citations received by the serial. Citation weighting depends on subject field and prestige (SJR) of the citing serial)
3. TAT - Average Turnaround Time Submission to Accept 2019: 214 Days
4. Annual number of Full-Text Article Requests (downloads): 202,494 requests in 2019 (Figure 4). It increases by 68% as compared with that in 2016.

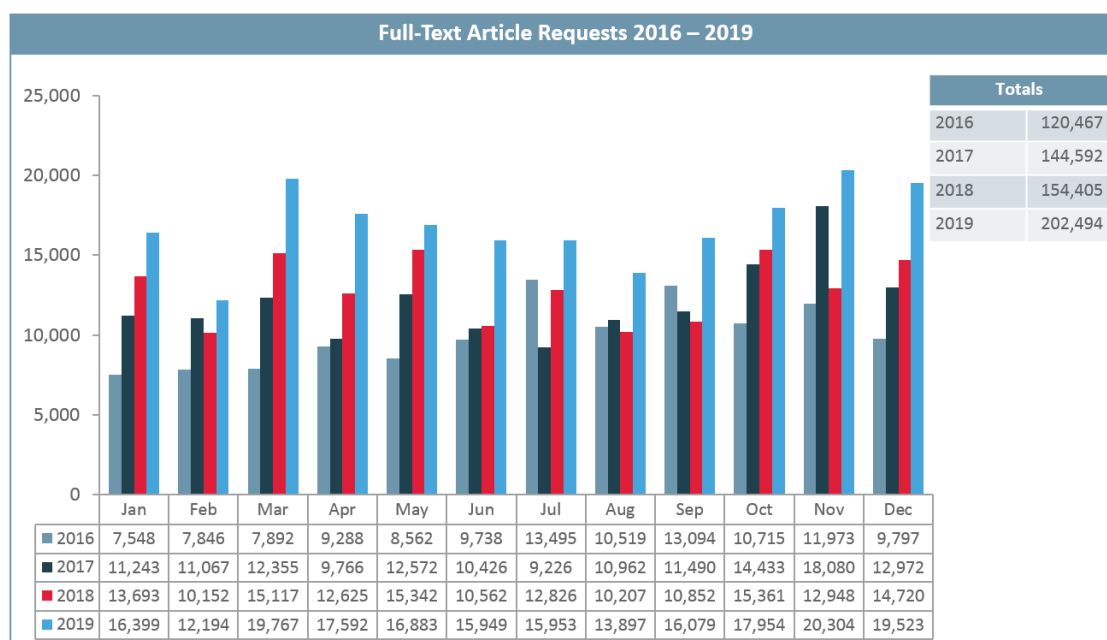


Figure 4. Number of Full-Text Article Requests for the Bulletin during 2016-2019.

7. Management of Submissions

Prior to 2012, papers were submitted to the Bulletin by authors direct to the Editor or one of the Editorial Team. Though it may have been the intention in the early days that all papers would be reviewed, this was not necessarily the case. This was particularly true when a large number of conference papers were to be published (for example, from the 1979 conference on 'Engineering Geological Mapping' held in Newcastle upon Tyne, UK). The reviewing procedure was that, once the editor had received a paper, it would be sent to a member of the Editorial Board, or an external reviewer, who would comment on the scientific quality. The editor might also review the paper and edit it as necessary.

A major change came in 2012 when Springer insisted that all papers must be submitted via their online Editorial Management system. This change coincided with the appointment of a new Editor-in-Chief, Martin Culshaw. To make the new system work, a much expanded Editorial Board was needed. Since 2012, papers have been sent electronically to a relevant Editorial Board Member (EBM), who then passes it to two or more reviewers based on the single blind policy, whose service is entirely voluntary. Once a paper has gone through the process of review, revisions, re-review etc. the paper is either accepted or rejected, and the accepted papers are then proof-read to ensure that the French/English language is of a publishable standard. The paper then moves to publication online and, ultimately, publication in the printed version of the Bulletin with the issue number and page numbers. The same system is generally followed by the current EiCs who oversee the overall review

process and make the final decision. Below are additional details about the evaluation procedures before assigning the manuscripts to an EBM.

- A paper is first evaluated in terms of language and format. If it is poorly written and/or not properly prepared based on the "Instructions for Authors" stipulated by the Bulletin, it is rejected without invitation of EBM.
- If the paper offers nothing scientifically new (without any novelty and/or contributions) or does not present an unusual case study, it is rejected without invitation of EBM.
- If the subject matter of the paper lies outside that usually covered by the Bulletin, the paper is rejected. Sometimes, recommendation is provided to the author(s) to submit the paper to one of the other relevant journals.
- The Bulletin is committed to maintaining the highest level of integrity in the content published. The journal is a member of the Committee on Publication Ethics (COPE) and subscribes to its principles on how to deal with acts of misconduct thereby committing to investigate allegations of misconduct in order to ensure the integrity of research. A similarity check of the submitted papers is performed by the publisher using iThenticate, a plagiarism detection software. If the paper is indicated to have substantial parts similar to those from other works, it is rejected. If plagiarism is identified, the COPE guidelines on plagiarism will be followed.

8. Production

8.1. Paper Progress

Table 6 summarises how papers are progressing through the system. The monthly submission rate has sharply increased from 16.7 papers/month in 2012 to 118.2 papers/month in 2019. However, for the first five months of 2020, the average monthly submission rate now stands at 166.8. That submissions are both numerous and sustained is heartening but creates a huge work-load for all involved. Based on the current submission rate, around 1700 submissions are expected (20% increase as compared with that of 2019).

Table 6 also shows paper acceptances and rejections as a percentage. From around 25-30% acceptances in 2013-14, acceptances have dropped to 22-23%. Rejections are running around 70-80%.

Table 6. Paper progress statistics from 2012 to Jun 2020 provided by Springer

Submissions	2012	2013	2014	2015	2016	2017	2018	2019	2020 (Jan-June)
Total Submitted	200	291	471	608	898	988	1,100	1,418	852
Submission Rate (monthly)	16.7	24.3	39.3	50.7	74.8	82.3	91.7	118.2	166.8
Total Decisioned				562	826	972	1,033	1,210	718
Accept		89	138	123	153	220	225	261	191
Reject	26	225	349	439	673	733	792	900	510
Withdrawn		2	7			17	16	49	17*
Acceptance Rate		27.50%	29%	22%	19%	23%	22%	22%	26%*
Rejection Rate		73.50%	71%	78%	81%	76%	77%	74%	70%*
Withdrawal Rate							2%	4%	4%**

Average Days to First Decision	251	75	50	43	42	42	46	79	78*
Average Days to Final Disposition Accept		249	208	184	184	181	180	214	247*
Average Days to Final Disposition Reject	133	125	57	35	35	29	37	55	69*

Disclaimer:

** Official figures up to end of May 2020*

Please note that the term "Reject" is used for the calculation of the acceptance and rejection rates, which includes all terms that may exist for rejection decisions. For example: Reject before review; Reject after review; Reject, but resubmit; Reject, out of scope; and so forth. In addition: Only the papers for which the 'Final Disposition Date' has been set are taken into account. Final disposition date means that a manuscript is fully completed.

8.2. Contribution of submissions from different countries/regions.

As summarized in Table 7, close to 80% of the papers in 2019 and 2020 (up to June) came from Asia, followed by Europe. The top four countries were China, Iran, India and Turkey. Most notably, more than half of the submissions came from China.

Table 7. Number of papers submitted to the Bulletin in 2019 and 2020 (up to June) with respect to countries (the top 20 countries) and the Continent (all submissions)

Number of papers submitted to BOEG for the top 20 countries/regions (2019)			Classified by continent (2019)	
Rank	Country/Region	Percentage (%)	Continent	Percentage (%)
1	China	56.10	Asia	79.75
2	Iran	12.95	Europe	11.05
3	India	5.17	Africa	4.34
4	Turkey	4.42	N America	1.79
5	Italy	1.47	S America	1.56
6	Australia	1.46	Aus/NZ	1.52
7	Nigeria	1.29	Total	100
8	Brazil	1.20		
9	Egypt	0.95		
10	USA	0.94		
11	Iraq	0.87		
12	Spain	0.84		
13	Algeria	0.84		
14	Japan	0.76		
15	Canada	0.69		
16	United Kingdom	0.58		
17	Pakistan	0.56		
18	France	0.53		
19	Poland	0.53		
20	Vietnam	0.51		

2019

Number of papers submitted to BOEG for the top 20 countries/regions (2020)			Classified by continent (2020)	
Rank	Country/Region	Percentage (%)	Continent	Percentage (%)
1	China	51.32	Asia	76.60
2	Iran	10.35	Europe	12.78
3	India	5.48	Africa	5.05
4	Turkey	5.22	N America	2.20
5	Pakistan	1.97	S America	1.96
6	Brazil	1.49	Aus/NZ	1.41
7	Malaysia	1.45	Total	100
8	Egypt	1.39		
9	Australia	1.11		
10	Germany	1.03		
11	Canada	0.97		
12	USA	0.96		
13	United Kingdom	0.95		
14	Poland	0.93		
15	Nigeria	0.92		
16	Algeria	0.90		
17	Taiwan	0.78		
18	Italy	0.72		
19	Vietnam	0.61		
20	Japan	0.60		

2020
(up to June)

9.Future

In 2020 (Volume 79), 360 papers across 10 issues, each containing 36 papers, will be published. Springer planned that CAP (Continuous Article Publishing) will be implemented in 2022. It means that each article, after peer-review and acceptance, will be published immediately within the monthly issue, including a digital object identifier (DOI) and page numbers. Due to this special structure each article starts with page 1.

The Bulletin continues in very good health with the number of submissions and impact factor still increasing. However, this puts pressure on the Editors-in-Chief and the Editorial Board. The composition of the Editorial Board is constantly under review by the Editors-in-Chief, and a restructuring of the Editorial Board is under way. At the same time, we still need to ensure that the quality of published papers improves and that the time taken to make a decision on papers can be shortened.

10.Acknowledgement

Part of the historical account of the development of BOEG in this article is based on the article written by Martin Culshaw, which appeared in the book of 50th Anniversary of IAEG. We would like to take this BOEG 50th Anniversary opportunity to thank all past Editors-in-Chiefs, past and current Co-Editors, past and current Editorial Board Members, all reviewers, past and current IAEG Exc. Committees, who have contributed to the Bulletin in different capacity with care and wisdom. The conscientious support from the Springer publication team (Samuel Goodchild, Naveen Parthiban, Marlon Pinero) is much appreciated. We thank Samuel Goodchild of Springer for providing data and charts used in this article. Most importantly, we thank the contribution from all authors who have spent valuable time to prepare and submit manuscripts to BOEG.

2. ANNUAL REPORT 2020 OF BOEG

Louis Wong was appointed to the post on 1st January 2018 and worked with Martin Culshaw as Co-Editor-in-Chief until the end of 2018. After the retirement of Martin Culshaw from the BOEG, Reşat Ulusay took over the mission from him as the Co-Editor-in-Chief with Louis Wong on 1st January 2019. Since only a few international associations have their own scientific and technical journals, the value of the Bulletin increased day by day. Starting as a simple artisanal publication, the Bulletin became a scientific reference among the most respected journals in the fields of engineering geology, the environment and other geoscience. This year, we are celebrating the 50th Anniversary of the Bulletin. It has been great honor and pleasure for the two Editors-in-Chief of the Bulletin to have written this progress report in its 50th Anniversary.

In the 50th anniversary report of BOEG, information on the Editors-in-Chief and Editorial Board, Hans Cloos Medal Lecture papers published in the Bulletin, impact, management of submissions, paper progress, contribution of submissions from different countries/regions between 1 January 2019 and 30 June 2020, and future plans are given and briefly evaluated.

The Bulletin continues very good health with a sharp increase in the number of submissions particularly since 2018 and remarkable increase in IF from 2.138 to 3.041 in 2019, which carried the Bulletin into the top 10 for Engineering, Geological journal category. However, this puts tremendous pressure on the two EiCs and the entire EB. In addition, we need to work hard to shorten the time taken to make a decision on papers. One of the difficulties, which increases the time taken to make a decision, is finding at least two reviewers for each paper. As the number of papers submitted to all international journals increases, it becomes more and more difficult to find reviewers willing to review papers and then deliver the review to time. In such cases, although the EBM's are encouraged to act as the second reviewer to provide a comprehensive review, it is sometimes not successful. The EiCs have provided feedback to the publisher on this issue and have suggested the publisher to look for ways to motivate reviewers.

It is clear from Table 7 that close to 80% of the submissions in 2019 and 2020 (up to June) came from Asia, followed by Europe with a small percentage, although there are more than 40 countries in Europe. The top four countries were China, Iran, India and Turkey. Most notably, more than half of the submissions came from China. This unbalanced geographical distribution and how to motivate colleagues in different parts of the world to submit high quality manuscripts to the Bulletin should be carefully assessed and deliberated by the IAEG Executive Committee and the different IAEG national/regional groups in other continents.

As the EiCs of the Bulletin, we always welcome comments, suggestions and questions from IAEG Executive Committee / Council and EBM's and, indeed, the profession as a whole.

3. THE BULLETIN – THE IAEG’S SCIENTIFIC JOURNAL

(Cited from The International Association for Engineering Geology and the Environment 50 Years)

In the beginning: 1970 to 1997

Though the IAEG was founded in 1964, the Bulletin of the International Association of Engineering Geology was not first published until 1970. At that time, few international societies had their own scientific journal. The first elected executive committee decided at their second meeting at the UNESCO Palace in May 1969 (Paris) to create an official scientific journal of the IAEG, edited and published by the Association and named the Bulletin of the International Association of Engineering Geology. However, it is interesting to note the background to this decision given by Marcel Arnould in his secretary general’s activity report to the general assembly in 1972 (Montreal), published in Bulletin No. 6: “The necessity of an organ for the Association was felt very early. An existing periodical notably ‘Engineering Geology’ published by Elsevier could have been the official organ of our Association. We tried to sign a contract with such a publishing company. Unfortunately, the proposals were much too expensive, and furthermore, the house wanted to continue entirely directing the journal. Thus, in 1969, the executive committee unanimously decided to postpone these proposals and to begin publishing the IAEG’s own Bulletin in 1970”.

The first Bulletin was distributed during the 1st IAEG Congress in September 1970 (Paris). This was possible due to the personal efforts of Quido Záruba, the IAEG president, Jaroslav Pašek, Marcel Arnould and several other staff from the Paris School of Mines.

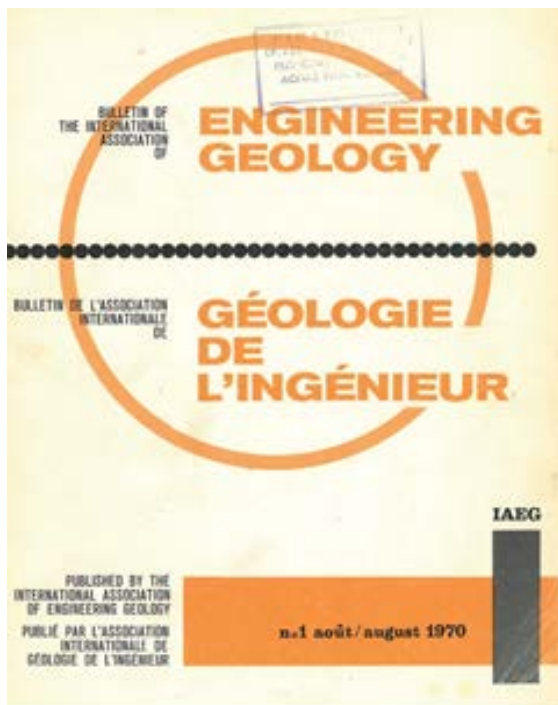
The first editorial in Bulletin No. 1 (presumably written by the secretary general, Marcel Arnould), indicated that the Bulletin was not seen as being in competition with other engineering geological journals.

“...it is intended to be a common platform for communication where our members and all engineering geologists will find the news from the field of engineering geology” rather. Marcel Arnould also wrote in the first editorial that the executive committee wanted the Bulletin to be a relatively modest affair with only two issues per year so that costs and, hence, subscription rates could be kept to a minimum.

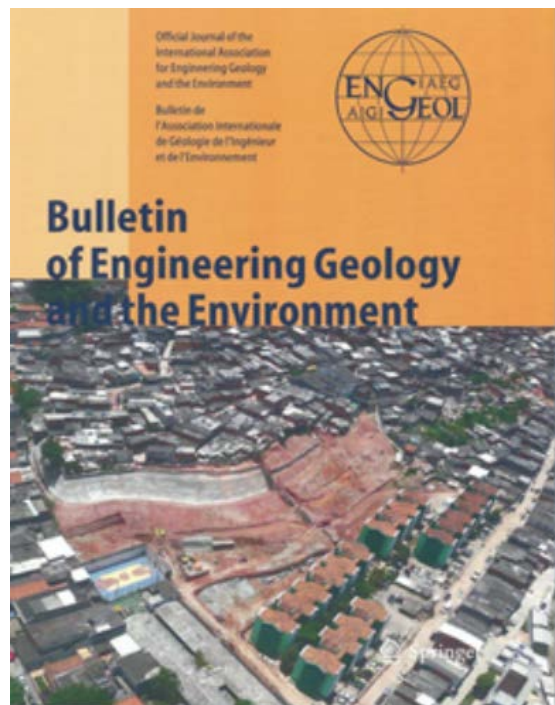
The 1969 meeting in Paris also determined that the Bulletin would be bilingual, in the sense that authors could submit papers in either French or English. Each paper was to have an abstract and keywords in both French and English. This was in accordance with the founding philosophy of the IAEG, as stated in its statutes. The choice of two languages was a sign of the multi-cultural and multi-national nature of the Association. However, it is interesting to note further comments by Marcel Arnould in his 1972 general assembly report that the executive committee left open the possibility of publishing abstracts in other languages, for example, Russian, German, Italian and Spanish.

The numbering system used by the Bulletin is quite confusing. From 1970 to 1997, two issues were published per year. These were labelled as No. 1, No. 2 and so on. Consequently, by the end of 1997, 56 separate issues had been published in 28 years (two per year). From 1998, the system changed to four parts per year with a more conventional numbering system of volumes and parts. However, it was decided, that the numerical sequence should be maintained so the four parts for 1998 became

Parts 1 to 4 of Volume 57. By 2014, the Bulletin had reached Volume 73, even though it had been published for 'only' 45 years.



The front cover of the first Bulletin in 1970



The front cover of the most recent Bulletin in 2014

In the early days of the Bulletin, reviewing, editing, publishing, printing and shipping were all organised by the secretary general and his secretariat (with the help of a small editorial board). There was no separate editor-in-chief; the secretary general took on the role. However, according to the introduction to Bulletin No. 1 in 1970, an editorial secretary position was established by the general secretariat of the IAEG within the Department of Engineering Geology of the Geological Institute of the Czechoslovak Academy of Sciences, Prague. It is not clear for how long this position continued to exist. The secretary general remained the editor-in-chief of the Bulletin until the international science publishing house 'Springer' took over as the publisher of the Bulletin in 1998. While Marcel Arnould was editor-in-chief, the Bulletin was printed by Presses de G. de Bussac, Clermont Ferrand, France; during the editorships of Richard Wolters and Karl-Heinrich Heitfeld, printing was transferred to Germany. From 1982 to 1997, under Louis Primel's editorship, the Bulletin was printed by Imprimerie Louis Jean, Publications Scientifique et Littéraires, Gap, France. In 1972, the Bulletin moved to a double column format.

Evolution of the Bulletin: 1998 onwards

1998 saw an important change for the Bulletin. It ceased to be published by the IAEG itself and publication moved to Springer, where it remains. The contract between the IAEG and Springer was signed on behalf of the IAEG by the president, Paul Marinos and the secretary general, Louis Primel on 27 November 1997, in Heidelberg. W Engel and R Stumpe signed on behalf of Springer. The Bulletin is now typeset in India and printed in the Netherlands. An important consequence of the move to an international publisher was that the Bulletin was now available digitally, online, via Springer's website.



Working meeting with Springer in Madrid (Spain) in 2011, in the presence of (from left): Marion Trott, Giorgio Lollino, Faquan Wu, Carlos Delgado, Massimo Arattano, Sébastien Dupray, three members of the Springer Team, Brian Hawkins, Roger Cojean and Pierre Pothérat

Perhaps more important was the name of the Bulletin, which was altered to reflect the change in the name of the IAEG itself. At the IAEG council meeting in June 1997 (Athens), it was agreed to change the International Association of Engineering Geology to the International Association for Engineering Geology and the Environment. As a consequence, the Bulletin's name changed from the 'Bulletin of the International Association of Engineering Geology' to the 'Bulletin of Engineering Geology and the Environment.' Agreement to change the Association's name was not unanimous but reflected the mood of the times, which also saw a change in the name of the 'Association of Engineering Geologists' in the USA to the 'Association of Environmental and Engineering Geologists'. The change was also a consequence of a change in the statutes of the IAEG in 1992 (Kyoto). The new statutes broadened the scope of engineering geology beyond its traditional relationship with civil engineering to include a wider environmental agenda.

As well as changing the Bulletin's name, the IAEG council agreed to publish four parts of the Bulletin per year (rather than the previous two issues) and changed the design of the Bulletin considerably. Gone was the rather plain, white cover with a colour strip along the bottom (which was introduced in 1974), to be replaced by a cover in an orange-brown colour with a blue monochrome photograph covering the bottom half of the front. In 2010, the cover photograph was printed in grey monochrome. This was not very successful; the photograph was of an abutment of the Jingping Dam in southwest China, which looks as if it has been photographed in fog! Finally, in 2011 the cover photograph was printed in full colour. The cover photograph captions are summarised in Table 1. For the papers themselves, printing has been in full colour since Part 3 of Volume 67 (2008) at no charge to authors.



The logo of Springer, who have published the IAEG Bulletin since 1998

Table 1. Photographs used for the cover of the Bulletin from 1998 to 2014

- A 9 metre high anchored retaining wall in interbedded limestones and weathered mudrock (1998)

- Spalling of a pillar in a disused freestone mine in Bath, UK (1999)
- Rock stabilisation for a road cut in North Wales, UK (2000)
- Excavation for a cut and cover metro station in Athens, Greece (2001)
- Collapse of riverside houses following the June 2001 typhoon, Chinese Taipei (2002)
- Stabilisation of blown sand slopes, Gibraltar (2003)
- Cambering with extensional 'gulls' (fissures) in the Jurassic Great Oolite, near Bath, UK (2004)
- Deposition of pyroclastic materials washed from limestone hills, Sarno/Quindici, Italy (2005)
- Debris flow at Val Zoldana, Belluno, Italy following 40 hours of rain (November 1966) (2006)
- Bluebird Canyon landslide, which destroyed high value homes, USA (2007)
- Failure of bench slopes during periods of heavy rain, Pasir open pit coal mine, Indonesia (2008)
- Huge boulder moved by Typhoon Toraji, Chinese Taipei (2009)
- Rock stability measures for an abutment of the Jinping Dam, southwest China (2010)
- Failure of Prat Quay, Barcelona, Spain (2011)
- A pedestrian bridge damaged by lateral spreading in Christchurch following the September 2010 earthquake, New Zealand (2012)
- Coastal landsliding in glacial tills at Aldborough, Holderness, East Yorkshire, UK (2013)
- Stabilisation of destructive landslides in the Favela Jaguaré, in São Paulo, Brazil (2014)

The impact factor of the Bulletin

The impact factor of the Bulletin Another very important change (in particular to academics) was the agreement that the Bulletin should receive an 'impact factor'. For any given year, this is defined as the average number of citations that the papers published in the journal had received over the preceding two years. The Bulletin first received an impact factor in 2007. The impact factors for the Bulletin between 2007 and 2012 are shown in Table 2. It is interesting to note that since the Bulletin received an impact factor, the number of papers submitted and the number published have

increased significantly, as indicated by the number of pages in each volume. The impact factor for the Bulletin remains at just under 0.7. However, only one of the three main competing English-language engineering geological journals has an impact factor over 1.0. Also, the impact factor does not necessarily mean that the papers cited are found to be particularly useful. For the Bulletin's 2012 impact factor, the most cited paper had thirteen citations. In comparison, for the same period, a report on the engineering geology of the Triassic Mercia Mudstone, an extensive geological formation in the UK, was downloaded from the NORA website (<http://nora.nerc.ac.uk/17270/1/OR12032.pdf>) over 5,000 times. Since the Bulletin was first published, 2,334 papers have been published (53 per year) (see Figure 1), filling 15,101 pages (343 per year) (see Figure 2), an average of c. 6.5 pages per paper.

Table 2. Impact factor, 2007-2013

YEAR	Impact Factor
2007	0.463
2008	0.672
2009	0.342
2010	0.648
2011	0.667
2012	0.617
2013	Data not yet available

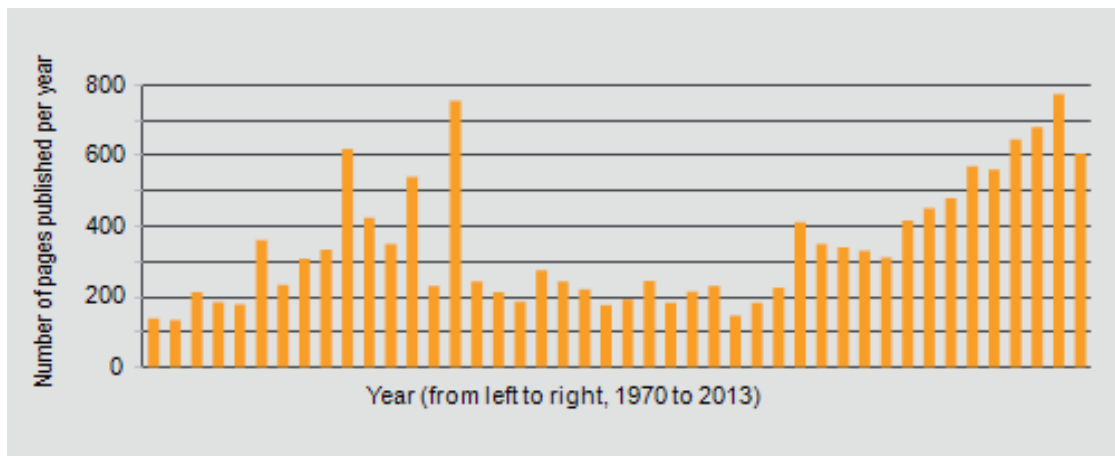


Figure 1. Number of pages published between 1970 and 2013

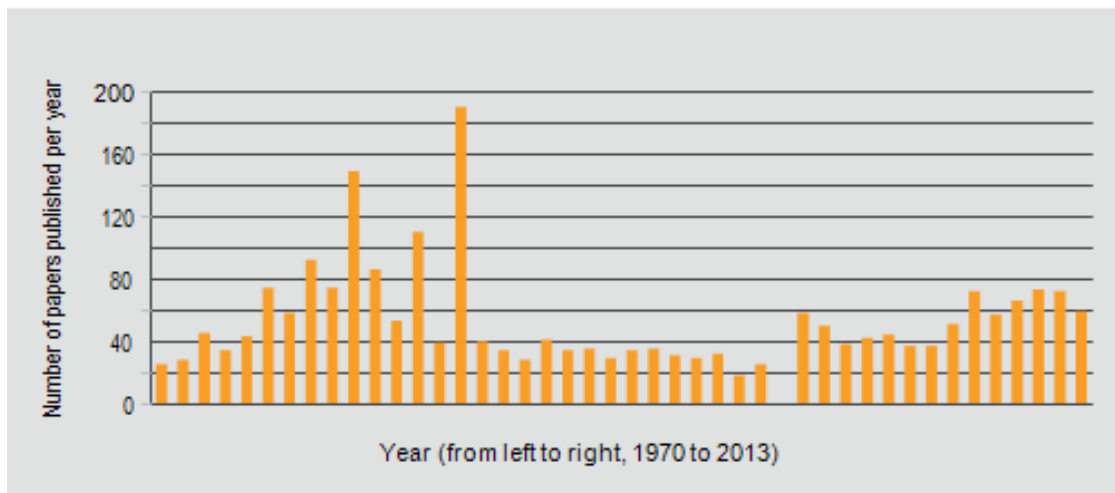


Figure 2. Number of papers published between 1970 and 2013

Publication of the Hans Cloos lectures

A further important development took place in 2003. Since 1977, the IAEG had awarded its most prestigious medal, the Hans Cloos Medal, approximately every two years. From 2002, it was decided that the medal winner should present a Hans Cloos Lecture and that a paper, resulting from the lecture, would be published in the Bulletin. The first Hans Cloos Lecture paper, written by John Knill, was published in 2003. A list of the Hans Cloos Lecture papers is provided in Table 3.

Table 3. Hans Cloos Lecture papers in the Bulletin

- John Knill (2002) Core values: the first Hans Cloos lecture, Vol 62, pp 1-34
- Vincenzo Cotecchia (2004) The Second Hans Cloos Lecture. Experience drawn from the great Ancona landslide of 1982, Vol 65, pp 1-41
- Robert Schuster (2006) The Third Hans Cloos Lecture. Urban landslides: socioeconomic impacts and overview of mitigative strategies, Vol 66, pp 1-27
- Sijing Wang (2008) 2008 Hans Cloos lecture. Seismic geohazard assessment of engineering sites in China
- Martin Culshaw (2010) The 2010 Hans Cloos Lecture. The contribution of urban geology to the development, regeneration and conservation of cities, Vol 68, pp 145-159

- Victor Osipov (2012) The 2012 Hans Cloos Lecture. Physicochemical theory of effective stress in soils, Vol 70, pp 333-376

Roger Cojean (2014) Engineering geology: feedback regarding the practice of a scientific and technical discipline (to be published)

The purpose of the bulletin

According to the IAEG amendments to the statutes, which came into effect in August 1974, and were published in Bulletin No. 10 in December 1974, the purpose of the Bulletin was, “To inform members and to promote publication for the worldwide dissemination of new engineering geological knowledge and techniques. The publication of the Bulletin is particularly devoted to this purpose”. This confirmed the statement in the first editorial in Bulletin No. 1 that it was initially envisaged as a cross between a newsletter and a scientific journal. The IAEG statutes of 1992 stated that one of the aims of the IAEG was to, “...evaluate and disseminate the results of engineering geological activities on a worldwide basis by ... the publication of the scientific and technical achievements of members of the IAEG in the IAEG’s own periodical and relevant news in the IAEG newsletter”. Here there is a clear distinction between scientific publication and news.

From the start, one goal of the Bulletin was to present case studies, which many other scientific journals were reluctant to publish. This aim was clearly stated in the editorial in Bulletin No. 1 and previously by Asher Shadmon in his presidential address to the 1st general assembly of the IAEG in Prague (Czechoslovakia) in 1968.

The transition from a newsletter, and a means of publishing members’ scientific papers, to a professional, internationally-recognised scientific journal took many years. The first step was the change of publisher in 1998, followed by the gaining of an impact factor in 2007 and finally the move to full online submission and management in 2012.

The editors-in-chief and their teams

In more than 40 years, the Bulletin has had only six editors-in-chief (see Table 4), one of whom was a temporary appointment lasting less than a year. Excluding the current editor-in-chief, the most recent two editors-in-chief lasted 15 and 14 years respectively! It is unlikely that future editors-in-chief will last so long, as submissions to the Bulletin have now reached nearly 300 per year.

From 1970, the editor-in-chief (who was the secretary general of the IAEG) was supported by an editorial board that consisted of the editor-in-chief, H Voltz, Rudolph Glossop, Quido Záruba, and Georgio Zolotarev. By the time of the publication of Bulletin No. 2, this board had expanded and it continued to evolve (see Appendix D) until Richard Wolters took over as editor-in-chief in 1974. There was no mention of an editorial board in 1974 but in 1975 the editorial structure changed. An editorial committee was introduced, consisting of Bill Dearman (UK) and Owen White (Canada) responsible for English language papers (Owen White held the role until 1978 when he gave up this activity and reverted to board activities), Marcel Arnould (France) responsible for French language papers, Jean Ducellier (France) responsible for news and bibliographic material (until 1984), M Reinhardt (Germany) responsible for advertising and H Tekook (Germany) responsible for printing preparations. The editorial board was now called ‘Representatives of National Groups.’ The membership was essentially the same as the 1973 editorial board. When Louis Primel (France) took over as editor-in-chief in 1982, he appointed André Peter (France) as co-editor, who held this position until 1987. From 1990 to 1994, Rozette Alezard was added to the team as Editorial Assistant. The ‘Representatives of National Groups’ disappeared from the bulletin at the end of 1985. At the 1986 council meeting in Buenos Aires, a formal editorial board was re-established. Initially, this had 15 members but it eventually grew to 18 (see Appendix D).

After 1997, the new editor-in-chief, Brian Hawkins (UK), was supported by a co- editor, Roger Cojean (France), who dealt with French language papers and provided French abstracts for English language papers. Brian Hawkins worked in close partnership with his editorial assistant, Marian Trott, the two of them making a formidable team. Further support was provided by an editorial panel, which was the executive committee of the IAEG. There is no record of use being made of the original editorial board but from 2007, a new one was created, which, initially, had eight members (see Appendix D). More recently (2014) this has grown to having over 25 members, reflecting the increase in submissions to the Bulletin and the need to have a reasonably rapid and auditable turnaround of papers. Members of the executive committee also act as editorial board members when paper submission rates are very high. Excluding the executive committee, 16 countries are represented on the board.

Table 4. Editors-in-chief and co-editors of the bulletin, 1970-2014

EDITORS-IN-CHIEF	DATE
Marcel Arnould (France)	1970-1973
Richard Wolters (Germany)	1974-1981
Karl-Heinrich Heitfeld (Germany)	1981
(for Bulletin No. 24)	
Louis Primel (France) Brian Hawkins (UK)	1982-1997
Martin Culshaw (UK)	2013 – present
CO-EDITORS	
André Peter (France) Roger Cojean (France)	1982-1987
Roger Cojean (France)	1998 - present



Management of submissions

Prior to 2012, papers were submitted by authors direct to the editor-in-chief or one of the editorial team. Though it may have been the intention in the early days that all papers would be reviewed, this was not necessarily the case. This was particularly true when a large number of conference papers were to be published (for example, from the 1979 conference on 'Engineering Geological Mapping' held in Newcastle upon Tyne, UK). The reviewing procedure was that, once the editor-in-chief had received a paper, it would be sent to a member of the editorial board, or an external reviewer, who would comment on the scientific quality. The editor-in-chief might also review the paper and edit it as necessary.

A major change came in 2012 when Springer insisted that all papers must be submitted via their online editorial management system. This change coincided with the appointment of a new editor-in-chief, Martin Culshaw. To make the new system work, a much expanded editorial board was needed. From 2012, papers have been sent electronically to a relevant board member, who then passes it to two or more reviewers. Once a paper has gone through the process of review, changes, re-review etc. the paper is either accepted or rejected and the accepted papers are then proof-read to ensure that the French/English language is of a very high standard. The paper then moves to publication online and, ultimately, publication in the printed version of the Bulletin. In 2012 and 2013 between 20 and 25 papers were received each month and the rejection rate was around 60%.



Borde Seco dam (Venezuela), under construction late eighties

The future

Over the last 40+ years, the Bulletin has slowly evolved so that it is now comparable with the other international engineering geological journals in terms of its scope, frequency and standing in the professional community. However, scientific publishing is currently in a period of rapid change in terms of digital provision (online journals) and charging mechanisms for submission of papers or access to them.

The most likely change for the Bulletin, over the next decade or so, will be the abandonment of a paper journal with access being entirely online. This will enable the IAEG to have improved control over access to the Bulletin by its members; only when a membership fee has been paid will access to the Bulletin be given via a code number. However, online publication opens up other opportunities: for example, authors are able to include moving images as well as stills. This allows 3D images to be rotated and examined 'inside' by the reader.

In general, authors want to have their papers published as quickly as possible and online submission and paper management will speed up the process. However, the thorough review of papers by expert individuals ('peer review') will remain essential for the maintenance of standards. In an ever-busier world, this is always going to take time.

Another opportunity provided by online publication will be the option to increase the languages used by authors. Most journals (and all the other main international engineering geological journals) only publish in one language. The Bulletin has always accepted papers in French or English, with bilingual abstracts. Eventually, the Bulletin hopes to be in a position to allow a third abstract in another language. In the future, it would be possible for papers to be published online in either French or English and in a second language of the author's choice. In 2013, authors from non-French/English-speaking countries were responsible for nearly 75% of the total papers published. So, moving to a multiple language publication seems to be a way forward worthy of consideration.

Martin Culshaw



Natural geological formations in sandstone bedrock at Bourke's Luck Potholes, Mpumalanga province
(South Africa)

4. YEG ACTIONS

October "e-YEG" Day

The upcoming "e-YEG" day invited two distinguished guests, Dr. Kingdom Simeon ABAM from Nigeria (Vice President of IAEG) and Dr. Yifei Cui from Tsinghua University, China.

The group of Young Engineering Geologists (YEG) — IAEG invites you to the 3rd series of "e-YEG" webinars with invited presentations from Prof. Kingdom Abam (NIGERIA) & Prof. Yifei Cui (CHINA)

Topic: Risk Mitigation on Soils

Day: Thursday, 15th October 2020
Time: 13:00 UTC (GMT)
Platform: Zoom App

~Registration link on the bottom~

"Soil characterization using the cone penetrometer"

Prof. Kingdom Simeon ABAM is a Professor of Engineering Geology. He is currently Vice President (Africa) of the IAEG and former President, Nigerian Association for Engineering Geology and the Environment. He holds a B.Sc. degree in Geology from the University of Ibadan, M.Sc/D.I.C(Lond.) from Imperial College, London and PhD in Engineering Geology from the University of Nigeria, Nsukka. He was Director, Institute of Geosciences and Space Technology IGST at the Rivers State University, PortHarcourt, in Nigeria. Currently, he is the Director in Rivers State University Centre for Advancement and Linkages. Prof. Abam's research and practice are both focused on Soil Characterization, Marine Geotechnics, Environmental Geophysics and Coastal hazards. He has published over 80 technical articles in reputable learned journals across the globe.

"Mechanisms of Internal Erosion of Wide-grading Loose Soils under the Infiltration of Rainfall"

Prof. Yifei Cui serves as an Assistant Professor of Engineering Geology and Geotechnical Engineering at the State Key Laboratory of Hydrosience and Engineering, Tsinghua University. Dr. Cui received his M.Sc. and Ph.D. degrees in Geotechnical Engineering from the Department of Civil and Environmental Engineering at the University of Alberta, Canada. He worked as Post-doctoral Fellow and Research Assistant Professor in the Department of Civil and Environmental Engineering at the Hong Kong University of Science and Technology. His research focuses on fluid-solid coupling theory and calculation methods for granular media with the application in understanding the mechanism of fine particle migration in Wide-grading loose soils (WGLS) and subsequent mechanism of shallow landslide initiation.

Registration form: https://docs.google.com/forms/d/1K3mTMpG0cz8ppG7BA2iBhMUDmWz_200Vz4BN-3g/edit?hl=zh-CN&entry=56F3YOGQY3EUS6de4TAY5MNUZ2AO62Oxk6MaDyGnh5c5H4M3c

Speakers of the YEG Webinar Series

Topic: Risk Mitigation on Soils

Path: search for YEG **IAEG's Zoom Meeting** or subscribe to **IAEG YEG** on Youtube.com

Day: October 15, 2020

Time: 13:00 UTC (GMT)

Speakers: Dr. Kingdom Simeon ABAM (Nigeria) & Dr. Yifei Cui (China)

Get to Know Us

After the successful initiation of the monthly "e-YEG" day with fruitful presentations from a senior and a YEG representative, we just kicked off a new section called "Get to know us better". The latter comprise a section of providing an interview procedure for our YEG and IAEG members. Based on a number of well-structured and predefined questions the YEG representative has the chance to present his/her profile to the public via our social media and website. The procedure has been initiated with the interview of YEG Incoming Chair (Stratis Karantanellis) and every 20 days approximately, a new interview will be added to our media starting from the YEG committee. This action should be a prominent initiative for many young Engineering Geologists to get to know our members and give them the opportunity to contact the interviewees for more information on the topic that they are working on.



“Get to know us better” section - Invited: Stratis Karantanellis

To increase awareness of the achievements of Young Engineering Geologists worldwide, we will be posting interviews with emerging young engineering geologists, and what better way to start than with the incoming YEG Committee Chair Stratis Karantanellis. Stratis is a PhD candidate at the Aristotle University of Thessaloniki, specialising in landslide management with computer vision and machine learning techniques. His main research interests are Engineering Geology, landslides and rockfalls, photogrammetric and LiDAR applications, and rock and soil mechanics. In his interview he shares experiences that have inspired him to become an engineering geologist and provides some great advice for other YEG's 'Don't stop learning; Be flexible'.



Interview:

How and why did you get interested in engineering geology?

Engineering geology constitutes a broad field with many specialties. Creative work in engineering geology is interaction and synthesis: half-baked ideas from a bar room, rocks in the field, trains of thought from lonely walks, numbers squeezed from rocks, thoughts from development of code, fancy equipment on expensive platforms, cheap equipment in the human cranium, arguments before a road cut. The engineering geologist takes up the history of the earth, at the point where the rest of the sciences leave it and carries it further back into remote antiquity. When I began my studies, it was the field that immediately attracted me.

Where and when did you obtain your undergraduate degree and, if appropriate, your graduate degree(s)?

My bachelor's degree is in Engineering Geology and Environmental Geology in the department of Geology at Aristotle University of Thessaloniki, Greece. My MSc studies have been concentrated in Geology Information Systems (GIS) and Remote Sensing domain for disaster risk management at the University of Twente, ITC institute, Netherlands. My PhD research has focused mainly on the investigation of close-range Remote Sensing and machine learning algorithms for mass movement detection and characterization in site-specific scales.

Who have/has been your most inspiring mentor/supervisor?

As a researcher you understand that testing, questioning, and critique are better than general assumptions. Reflection and critical thinking are integral characteristics of academia. Personal and professional development requires a productive mentor. While I've had several great mentors, the most influential has been Professor Vasileios Marinos.

Prof. Marinos was the person who inspired my passion for engineering geology during my undergraduate studies and who has positively influenced me as a human being and a researcher. Although officially his role was as a supervising professor during my Bachelor and PhD Studies, he also served a bigger role as a mentor and we would discuss a variety of other topics without judgment or impatience. Mentoring or coaching is about much more than just directing someone what to do – it requires working closely with students to make decisions, solve problems and develop skills. I truly learned a lot from him, and he inspired me to become a professional Engineering Geologist. He set the bar high for mentorship and I strive to live by his example with people under my supervision.

If you did a thesis, what was your thesis topic?

My PhD thesis is focused on fusion of object-based Remote Sensing methods with Artificial Intelligence and Deep Learning methods for mass movement detection and characterization.

With what companies/organizations did you (have you) worked?

Since my undergraduate studies, I have been involved in different projects with a multitude of clients from local authorities and NGOs to Institutes and Universities. I have learned many lessons on this enjoyable and challenging ride. Adopt a beginner's mind and continue to push the limits; Don't stop learning; Be flexible. I've found in my life that the best and only way to achieve our dreams is by taking action. Planning and discussing are valuable parts of a process, but without action, cannot produce results.

What are your main areas of interest within engineering geology?

As mentioned earlier Engineering Geology has many different alternative paths to explore. From structural analysis and laboratory experiments to the integration of Artificial Intelligence and Computer Vision to better understand earth surface processes. The latter has been less explored in the field of Engineering Geology and, in my opinion, has tremendous potential to improve our field, thus, this is the topic that currently peaks my interest. My goal is to help answer the question of "how can bridge the gap between engineering geology and computer vision to provide a better future?"

What were (have been) the most memorable projects you've been involved with?

During my studies, I have been involved in a variety of diverse and interesting projects, but there was one that stands out. We had been involved in rockfall assessment in a Monastery in Palestine region. The overall experience of in-situ visits for data collection had been tricky given existing tensions in the territory of Israel-Palestine. Local police thoroughly investigated all the equipment we had working with, and at one point our entire team was interrogated regarding the purpose of the investigation and the need for each specific piece of equipment. Despite the language barrier, we were able to explain our purpose and they allowed us to go. Those situations are the ones that shape you as a human being and in later stages as a professional Engineering Geologist.

Have you been in IAEG or your local young group?

Since receiving my bachelor's degree, I have been involved at a local level with the IAEG NG in Greece. During the last few years, I have been a member of the Young Engineering Geologist committee of IAEG where I was recently appointed as the YEG-IAEG Chair. As Chair, I would like to see YEG plays a pivotal role in diffusing and promoting Engineering Geological domain all around the world. Our goal is to bring together a multi-disciplinary group of researchers, engineers, geologists, and scientists from all over the world to exchange break-through ideas relating to Engineering Geological domain and related applications.

Have you won any awards (honours) for your technical achievements or your contributions to your profession? If so, what were they? Any other notable achievements?

I have been awarded as the Best Young Scientist paper during UAV-g, [ISPRS GeoSpatial Week](#) (GSW) 2019 that took place at [University of Twente](#) (Enschede, The Netherlands). This meant a lot to me personally as the main topic of the entire conference was photogrammetry and remote sensing, two things I am very passionate about for engineering geological applications.

Is there anything else you would like to add?

I can wait for life to shape me in whatever manner it chooses. Or I can shape myself to make life whatever I choose. If you have ever run a long-distance race you should be able relate to what I am

trying to say. With every step you take you realise the importance of persistence. It may sound cheesy, but it is through our failures that miracles occur. Opportunities will come knocking on your door, I promise. And always think outside of the box, that's where the answers tend to be.

If you would like people to contact you, please add your preferred method(s), e.g. email, LinkedIn, Facebook, Instagram etc.

Email: skarantanellis@gmail.com

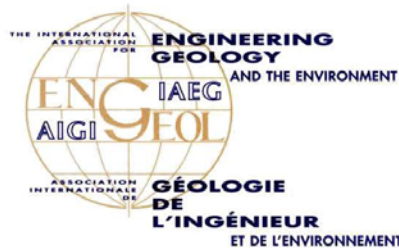
LinkedIn: <https://www.linkedin.com/in/stratis-karantanellis-a8990168/>

Facebook: <https://www.facebook.com/stratis.kara>

Instagram: https://www.instagram.com/kobe_skg/

5. ANNOUNCEMENT FOR QUALIFIED CANDIDATES FOR 2020 RICHARD WOLTERS PRIZE

Three candidates have been selected as the qualified candidates for 2020 Richard Wolters Prize. They are Brendon Jones nominated by the Australian National Group, Yifei Cui by the Chinese National Group and Chrysothemis Paraskevopoulou by the Greek National Group.



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

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

ANNOUNCEMENT OF IAEG 2020 RICHARD WOLTERS PRIZE CANDIDATES

All members of the Executive Committee and the Council,

The 2020 Richard Wolters Prize competition will be presented by IAEG at the occasion of the 3rd European Regional Conference (April 8-12, 2021, Athens, Greece). We have already received three qualified candidates from Australia, China and Greece. The three candidates are listed below:

Brendon Jones - nominated by the Australian National Group

Yifei Cui - nominated by the Chinese National Group

Chrysothemis Paraskevopoulou - nominated by the Greece National Group

The three qualified candidates will take part in the competition during the 3rd European Regional Conference. Selection of the winner and runner-up of the Richard Wolters Prize will be made by a jury appointed by the IAEG Executive Committee.

Best regards,

Faquan Wu

Professor Faquan Wu
Secretary General, IAEG
Shaoxing University
No.508,Huanchengxilu,Shaoxing City,Zhejiang Province,312000,China
Tel/Fax:+86-0575-88346552 +86-0575-88346551
Email: iaegsg@163.com

6. CALL FOR MEMBERSHIP UPDATE 2020

By September 30, 2020, the members of IAEG reached 3650 from 66 national/regional groups, 1450 with Bulletin, 2179 without Bulletin. The Bulletin will be delivered to the members through the email address provided by the national groups.

VP	No.	NG	total	With B.	Without B.	Associate members
Doug Johnson	1	Australia	340	154	185	1
Vassilis Marinos	2	New Zealand	459	179	280	0
	3	Albania	11	1	10	0
	4	Austria	21	11	10	0
	5	Bulgaria	10	7	3	0
	6	Croatia	25	8	17	0
	7	Cyprus				
	8	France	117	66	40	11
	9	Georgia	16	1	15	0
	10	Greece	93	27	66	0
	11	Hungary				
	12	Italy	84	75	9	0
	13	Portugal	71	43	27	1
	14	Romania				
	15	Serbia				
	16	Slovenia	27	14	12	1
	17	Spain	40	40	0	0
	18	Switzerland	68	68	0	0
	19	Turkey	114	0	114	0
Eugene A. Voznesensky	20	Netherlands	31	31	0	0
	21	Lithuania				
	22	The United Kingdom	292	292	0	0
	23	Belgium	55	26	29	0
	24	Czech Republic	26	11	15	0
	25	Denmark				
	26	Estonia				
	27	Finland				
	28	Germany	481	41	440	0
	29	Iceland				
	30	Ireland				
	31	Norway				
	32	Poland				
	33	Russia	85	30	55	
	34	Slovak Republic				
	35	Sweden	36	36	0	0
	36	Kyrgyzstan	1	1	0	0
	37	Uzbekistan				
Tamunoene Kingdom Simeon Abam	38	Algeria				
	39	Nigeria	48	16	32	0
	40	South Africa	206	4	202	0
D. Jean Hutchinson	41	Canada	61	57	4	0
	42	Mexico				
	43	USA	222	59	163	0

Norberto Jorge	44	Argentina	24	24	0	0
	45	Brazil	27	20	6	1
	46	Colombia	14	11	3	0
	47	Costa Rica				
	48	Paraguay				
	49	Peru				
Bo-An Jang Huiming Tang	50	Bangladesh	61	3	58	0
	51	China				
	52	Chinese Taipei	83	15	68	0
	53	HongKong SAS	6	4	2	0
	54	India				
	55	Indonesia				
	56	Iran				
	57	Iraq				
	58	Japan	77	65	6	6
	59	Korea	76	0	76	0
	60	Malaysia	43	3	40	0
	61	Mongolia	12	3	9	0
	62	Myanmar				
	63	Nepal (NGS)				
		Nepal (NSEG)	132	2	130	0
	64	Singapore	48	0	48	0
	65	SEAGS				
	66	Vietnam				
Individual Member			7	2	5	0
Associate Member						
Total			3650	1450	2179	21

7. EVENTS OF NATIONAL GROUPS

CHINA

GU De-Zhen Distinguished Youth Science Award 2020

Committee of Engineering Geology, the Chinese National Group announced the winner of GU De-Zhen Distinguished Youth Science Award 2020. Dr. Wenping Gong and other 6 young engineering geologists won the award.

GU De-Zhen Distinguished Youth Science Award is a profession authoritative award, which aims to commend young engineering geologists who have made outstanding contributions in the field of engineering geology in China. It is selected every two years by the Committee of Engineering Geology, the Chinese National Group to commemorate Academician Gu Dezhen, the pioneer of engineering geology in China

The 11th National Engineering Geological Conference

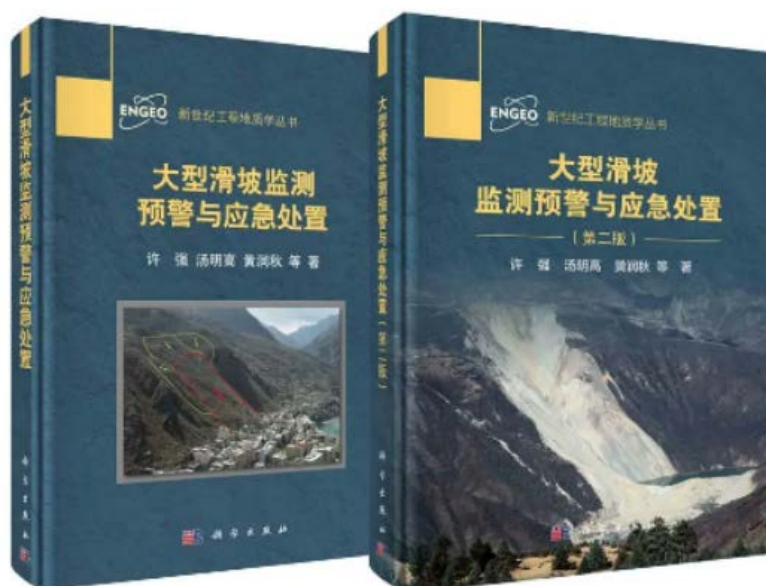
The 11th National Engineering Geological Conference will be held at Donghu hotel in Wuhan, China from October 16 to 18, 2020.

The theme of the conference is Engineering Geology And Livable Earth, which aims to provide sound strategy for the construction of livable earth infrastructure in China. A series of problems will be discussed on the conference, involving

- Engineering geology and global change
- Prevention and control of engineering geological disasters
- Engineering geological problems such as city and environmental protection
- Engineering geology and toughness engineering construction
- Artificial intelligence of engineering geology
- Big data and cloud computing
- New theory, method and technology of engineering geology
- Engineering geology education and discipline development

New Books Introduction

Geological disasters pose a serious threat to human life and property, in which 70% of the major casualties and social impacts are large-scale landslides. With the progress of science and technology and social development, the professional monitoring and early warning of geological disasters has become an important means of scientific and active prevention of geological disasters. When there are geological disasters, it is an important measure to take engineering measures to deal with the disaster body. Professor Xu Qiang of Chengdu University of Technology and his research team have formed a set of scientific and practical theories and technical methods for the monitoring, early warning and emergency disposal of large-scale landslide based on their participation in dozens of major landslide monitoring, early warning and emergency disposal projects in recent years, through more than 20 years of research accumulation and practice summary.



The monitoring, early warning and emergency disposal of large-scale landslide (2nd Version)

China Rock 2020

China Rock 2020 will be held from October 23-26 in Beijing, China. In the context of the normalization of the epidemic situation, the "two line" meeting mode of "offline + online" was determined.

Prof. Faquan Wu and Prof. Yonggang Jia were invited to attend the China Rock 2020 and give their invited report on the theme of Present situation and Prospect of geological engineering technology innovation in China and Study on monitoring system of geological hazards induced by deep sea hydrate exploitation offline respectively.

GERMANY

Congratulations on the occasion of the 96th birthday of Prof. Dr. h. c. Karl-Heinrich Heitfeld

As his student and successor, it is a great honor and a special pleasure for me to congratulate Prof. Heitfeld to his 96th birthday. On behalf of our colleagues, companions, co-workers, students and friends, I would like to express my admiration, appreciation and gratitude for his excellent scientific achievements and his services in promoting young scientists and put them on the table of gifts on his 96th birthday. On this occasion of his birthday, we would like to convey our good wishes for health, joie de vivre and many more years of fulfilling, good times with his family and friends. Dear colleagues and friends, ladies and gentlemen, in the course of my remarks you will find that Professor Heitfeld is a remarkable scientist with personal and professional sovereignty. Or as a former president of the Alfred Wegener Foundation once described him as "one of the outstanding personalities of the German geosciences". Karl-Heinrich Heitfeld was born on November 3rd, 1924 in Hamm / Westphalia. He began his professional career in 1953 as a geologist at the Ruhr Dam Association in Essen, where he headed the geological department from 1957-1965 and accompanied numerous projects. Prof. Heitfeld played a key role in the rehabilitation of the dams in the Rhenish Slate Mountains after the damage in World War II and in the construction of several large drinking and process water dams, especially the Bigge



Prof. Karl-Heinrich Heitfeld in the middle

dam. Its international reputation was among others by working on the Aswan high dam, the Euphrates dam, in several dam projects in Greece, such as Spercheios, Nestos, Mornos and hydro-power plants in East Asia. During his work at the Ruhrtalsperrenverein and also in the years 1965-1970, in which he handled numerous projects as the owner of a consulting office for engineering and hydrogeology, Prof. Heitfeld always maintained a close scientific relationship with the Academia and he received the merit of Habilitation in 1966. In 1970 he was appointed to the first professorship for engineering geology and hydrogeology in Germany at RWTH Aachen University. In his academic career as a university professor, Dr. Heitfeld was active in self-administration and held the office of vice dean and then dean from 1976-1980. Karl-Heinrich Heitfeld founded the subject of engineering geology in Germany and shaped it into what characterizes this subject today, namely to be the link between the geosciences, especially geology, and the other natural and engineering sciences, especially that Mining and civil engineering. During his career as a university professor, Dr. Heitfeld has published more than 200 publications, supervised around 200 master theses and diploma, and led more than 50 PhD students to doctorate. Five of his students were appointed to university professors, a significantly larger number take on the subject for demanding tasks in practice or in the civil service. In the early 90s, Professor Heitfeld and his wife, Dr. Hildegard Heitfeld, established three foundations. Two are intended for outstanding achievements by young geoscientists at RWTH Aachen University and at the University of Münster. Another is the GeoUnion Alfred Wegener Foundation. For your special merits, dear Prof. Heitfeld, for engineering geology and your efforts to maintain scientific relationships between the Federal Republic of Germany and the former GDR and other Eastern European countries even in difficult times, the TU Berg-Akademie Freiberg awarded you an honorary doctorate in 2000. In 2003, the RWTH Aachen recognized the scientific achievements and the services to the promotion of young scientists with the award of the honorary senator. Professor Heitfeld and his wife have also got involved in social policy. They supported the renovation of the Rossau church in East Germany with a foundation. The work of Prof. Heitfeld in more than ten committees and societies, in particular the German Research Association, and the engagement of the married couple were recognized and honored with the award of the German Federal Cross of Merit, 1st Class in 2003. There is still a lot to say, dear prof. Heitfeld, but please allow me a few more personal words: You have understood how to motivate your students, doctoral candidates and employees and to get them excited about engineering geology. You have promoted the scientific dialogue and critical discussions. The scientific interest was always the focus. Your willingness to help, your open ear for personal concerns and your tolerance in the personal and official areas have left room for development for doctoral students and employees. We thank you for your successful commitment and for your support and advancement of young scientists and wish you health, satisfaction and zest for life.

Rafiq Azzam

INDIA

Obituary of Prof. K.S. Valdiya

Prof. Dr. KS Valdiya (Khadg Singh Valdiya), a renowned geoscientist, academician, author, and an active environmentalist from India died on 29 September 2020 in the age of 80. He has contributed in wide aspect of Himalayan geology. He did specialization in tectonics with special reference to active faults and Environmental Geology of the Himalaya. His fundamental studies and research on the western Himalayas serve as a major understanding for interpreting the structure and tectonics of the Himalaya. His fundamental studies and prescient observations of both megascale and mesoscale structures in the Uttarakhand Himalaya underpins much of current understanding of the Himalayan tectonics and provides a template and a guide for interpreting the structural architecture of the entire Himalaya. He demonstrated the buckling, breaking and splitting of the Himalayan crust along what he recognized and demonstrated as the terrane-defining faults and thrusts of regional dimension, resulting in uplift and southward displacement of split blocks. This has influenced virtually every attempt by other geologists to reconstruct shortening of the Himalayan thrust front. Prof. Valdiya provided highly original scientific insights into quintessential continental collision on the basis of his study of the dome-shaped crustal upwarps in the immediate proximity of the zone of collision of India with Asia. Prof. Valdiya is the first Indian to do extensive mapping and comprehensive studies of active faults and related landform development and landscape reshaping in part of Uttarakhand, southeastern Karnataka and in Kanara–Malabar coastal belt in southern India. Related to understanding of limitation of rupture zone in the generation of earthquakes, these studies provide illuminating insights into deflection, deviation, disruption and ponding or blockages of rivers in response to renewal of movements on active faults. The findings have considerable bearing on evolving a strategy for hazard management. Prof. Valdiya was born in a small hill town Kalaw of Myanmar on 20 March 1937. In 1947, his family returned to their hometown in Pithoragarh (border city to Nepal in west) in the Indian state of Uttarakhand. He got master's degree from Lucknow University, India in 1955 and he did PhD in 1959 from same university. He started teaching career from Lucknow University in 1957. He worked in Wadia Institute of Himalayan Geology, Deharadun, India till 1976. He started to serve Kumaun University as professor of geology, and he had established Department of Geology in the university. He has also served as a Member of the Science Advisory Committee to the Cabinet of the Prime Minister of India (1983–1988), influencing national policy on Science and Environment. He has written over 110 research papers, authored 14 books, edited 9 books and penned 40 articles in Hindi towards popularization of science. *Geology of Kumaon Lesser Himalaya* (1980), *Aspects of Tectonics: Focus on South-central Asia* (1984), *Environmental Geology: Indian Context* (1987), *Dynamic Himalaya* (1998), *Saraswati, the River That Disappeared* (2002), *Geology, Environment and Society* (2005), *The Making of India: Geodynamic Evolution* (2010), and *Ek Thi Nadi Saraswati* (2010) were his major contributions as books. In 2007, he was awarded the Padmashri for Science his outstanding contribution to Science by the President of India. In 2015, President of India awarded Padma Bhushan to Prof. Valdiya. Prof. Dr. Valdiya is a Fellow of the Indian National Science Academy, the Indian Academy of Sciences, the National Academy of Sciences, India, Third World Academy of Sciences, and Geological Society of India. He is an Honorary Fellow of the Geological Society of America and the Nepal Geological Society. He has served as a Council Member in INSA (1984–1986).



Unfortunately, he was facing few health problems in his elder age but he was active in his 80s also.

As a result of his active personality and the support of his wife and a son, he was busy to pursue his professional activities. He had an extremely logical mind and he is fully devoted modest militant in favor of geo-scientific research and environmental protection in the Himalaya. In the recent years, he was living in Bangalore, Karnataka, India. In the age of 80 also, he was supporting “Science Outreach Program” and he was supporting marginal students of Uttarakhand State of India. We will miss him in every movement of Himalayan geological research. His presence will be continued to surround Himalayan geological researchers. Due to his contributions for the Himalayan geological research, he will live in hearts and mind of all the researchers of Himalayan geology for many years.

Prepared by:

Dr. Ranjan Kumar Dahal

Founder President, Nepalese Society of Engineering Geologists (NSEG)

Coordinator, Nepal National Group of IAEG.

Kathmandu, Nepal

ITALY

Italy will hold the 1st Mediterranean Symposium on Landslide on June 7-9, 2021 in Naples. Landslides represent a relevant problem for most of the countries overlooking the Mediterranean. This trivial consideration should prompt researchers, professionals, and stakeholders in this region to form closer relationships and engage themselves in a continuous exchange of data and ideas to find common strategies of landslide risk mitigation.

A common problem concerns the stability of slopes in hard fissured soils, weak rocks and flysch deposits, which are widespread all over the region, posing major problems to the development of these areas. In the last decades, the geo-engineering community has occasionally focused on these complex materials. In 1977 the Italian Geotechnical Society held an International Conference on “The Geotechnics of Structurally Complex Formations” in Capri. Sixteen years later, the Hellenic Society of Soil Mechanics and Foundation Engineering and the French Committee for Soil Mechanics and Foundation Engineering jointly organized an international symposium in Athens on “The Geotechnical Engineering of Hard Soils and Soft Rocks” (1993). The Italian Geotechnical Society picked up on this initiative five years later, organizing the Second International Symposium on “The Geotechnics of Hard Soils and Soft Rocks” (Naples, 1998). Finally, in 2011, the Greek community organized the 15th European Conference of Soil Mechanics and Geotechnical Engineering in Athens, which was devoted to “The Geotechnics of Hard Soils and Weak Rocks”.

It is evident that the behaviour of such a wide and complex class of materials, spreading across large areas in this corner of the world, cannot be interpreted simply through the basic laws of the Soil or Rock Mechanics. This is because they lay in a grey area between the two families of soils and rocks, showing distinct and special features, which are related to the origin of such materials and then to the geological processes which led to their deposition and evolution. On the other hand, it is just from all these complex settings that most of the problems arise, and it is to this that scholars and professionals should devote their efforts.

With the goal in mind of urging the people living on the Mediterranean to join their efforts, we decided to organize a Mediterranean Symposium on Landslides (MSL) in Napoli in June, 2021, hoping that this initiative will be the first of a series of similar periodic events.

You can refer to www.medsymplandslides.wixsite.com/msl2021 for the preliminary bulletin and the abstract template.

NEPAL

10th Nepal Geological Congress will be held on March 7 to 8, 2021 to exchange experiences, knowledge and recent findings in the field of geosciences and its application among the geoscientists without borders. The women and young geoscientists will be given priority to share their experience in this particular Geological Congress.

The main theme of the Congress is Geosciences for Sustainable Development and Prosperity. The theme of the congress itself is of great significance, which tries to reveal the importance of geology and its applications in the sustainable development and economic prosperity of the nations. For this purpose, knowledge from different sectors of geosciences can be utilized.

The sub-theme of the congress is

- Geological mapping, Stratigraphy and Regional tectonics
- Advances in Mineralogy, Petrology and Geochemistry
- Exploration and Mining of Mineral Resources, Petroleum and Natural Gases
- Engineering Geology for Sustainable Infrastructure Development

....

- You can refer to <http://www.ngs.org.np> for the detailed information and contact Mr. Subodh Dhakal by dhakalsubodh@gmail.com and Mr. Kabi Raj Paudyal by paudyalkabi1976@gmail.com
- The deadline Abstract submission is January 15, 2021, and the registration begins from November 15, 2020.

Two excursions have been arranged for the attendees.

Excursion 1 (March 6, 2021) :

historical monument and geomorphologic sites of Kathmandu Valley

Excursion 2 (March 9-12, 2021):

Kathmandu-Bandipur- Pokhara-Tatopani-Jomsom-Mukthinath- Pokhara--Kathmandu

Please refer to the link below for the 1st circular of the conference.

1st Circular: <https://www.dropbox.com/s/y52q4pulut2zkws/NGC10%20First%20Circular.pdf?dl=0>

Bulletin of NGS 2020.9: https://www.dropbox.com/s/rux8w1io0sdq37i/NGS_IAEG_Nres.pdf?dl=0

NIGERIA

NAEGE (Nigerian Association for Engineering Geology and the Environment) held its 5th Annual International Conference on September 7-8, 2020. Due to the present situation of coronavirus, the meeting was held on line by Zoom.



Programme

PROGRAMME OF EVENTS

DAY I

ZOOM ID 898 4989 1294

PASSWORD 096729

<https://us02web.zoom.us/j/89849891294?pwd=d0E5TEdwRlpCTXdaR2h5TG9LcGxWdz09>

DAY / DATE	CODE	ACTIVITIES	TIME
DAY 1 Mon., 07/09/20		OPENING REMARKS	10 - 10:10AM
		PLENARY SESSION 1 (A)	10:11 - 10:40AM
	LP1	Environmental Impact Assessment: A Valuable Tool for Sustainable Development PROF. OLADELE OSIBANJO	10:11 - 10:40am 1
		TECHNICAL SESSION 1 (a)	10:45 - 11:45AM
	A01	Hydro-Geochemical and Bacteriological Characteristics of Surface and Groundwater in Kakwagom-Irruan, Boki, Cross River State, Nigeria ABIJIA, M.E. AND EMAH, Q.	10:45 - 10:55am 2
	A02	Environmental Impacts Assessment for the Proposed Lafia/Obi In-Seam Exploration Project in Nasarawa State, Nigeria NWUDE, B.O.	10:56 - 11:05am 3
	A03	Evaluation of Potential Radiological Hazards associated with Rocks in and around Mika Uranium Mineralization in Taraba State, Northeastern Nigeria DANIEL, A.S. AND MICHAELS, S.P.	11:06 - 11:15am 3
	A04	The Role of Geochemistry in Landfill Characterization: Asaba, Southern Nigeria as a Case Study KOMOLAFE, N.P.	11:16 - 11:25am 4
	B01	Spatial Distribution of Foundation Subsoil Parameters of a Distressing Storey-Building, FUT, Akure, Southwestern Nigeria ADEMESO, O.A. AND OGUNDELE, R.A.	11:26 - 11:35am 8
	B02	Multivariate Assessment of California Bearing Ratio with Contrasted Geotechnical Properties of Soils FAKEYE, A., IGE, O. AND OGUNSANWO, O.	11:36 - 11:45pm 9
		LUNCH BREAK	11:46 - 12:15PM
		OPENING REMARKS	12:16 - 12:20PM
		PLENARY SESSION 1 (B)	12:21 - 12:50PM
	LP2	Importance of Engineering Geology in Pre-Construction Investigation for Sustainable Development PROF. GABRIEL O. ADEYEMI	12:21 - 12:50pm 1
		TECHNICAL SESSION 1(B)	12:51 - 1:51PM
	B03	Soil Variation Characteristics and Foundational Footing Assessment: Case Study of Okeho Bridge, Oyo State, South-Western Nigeria IBRAHIM, O.I., MASHOOD, A.A. AND AJAYI, O.P.	12:51 - 1:00pm 9
	C01	Effect of Geochemical Composition of Lateritic Soils on their Geotechnical Properties EMEH, C., IGWE, O. AND ONWO, E.	1:01 - 1:10pm 13
	C02	Evaluation of Geotechnical and Mineralogical Characterization of Soils Derived From Basement Complex in Southwestern Nigeria FAKEYE, A., IGE, O. AND OGUNSANWO, O.	1:11 - 1:20pm 14
	C03	Assessment of Geotechnical Properties of Soils Around YelwanTudu and Environs in Bauchi Area, Northeastern Nigeria LAWAL, A. AND AHAJI-UNANKA, U.C.	1:21 - 1:30pm 14
	C04	Stability of Waste Rock Dumps and the Proposed Earth dams in Enyigba Mining Province, Southeastern Nigeria MADUKA, R.I. AND IGWE, O.	1:31 - 1:40pm 15
	C05	Mechanical Stabilization of Soil with Soil of Odeda and Ojo, Southwestern Nigeria SHODEKO, E.O.	1:41 - 1:50pm 16
		SESSION CLOSING REMARKS	1:51 - 2:00pm

DAY 2 **ZOOM ID 864 5528 9848** **PASSWORD 946258**
<https://us02web.zoom.us/j/86455289848?pwd=REtRYjYrdHNHk21XWlJ3YlJnMUFPZz09>

DAY 2 Tue., 08/09/20 PASSWORD 946258 ZOOM ID 864 5528 9848 DAY 2	OPENING REMARKS		10 - 10:05AM	
	PLENARY SESSION 2 (A)		10:06 - 10:35AM	
	LP3	Rock Mass Characterization for Underground Construction PROF. T.K.S. ABAM	10:06 - 10:35am	1
	TECHNICAL SESSION 2 (A)		10:40 - 11:50AM	
	A05	Hydrogeology and Groundwater Potential of Dutsen Wai Kaduna, North Central Nigeria MICHAELS, P.S., DANIEL, A.S. AND ZINGCHANG, A.H.	10:40 - 10:50am	5
	A06	Geological Evaluation of a Site for Sanitary Landfill in Asaba, Southern Nigeria KOMOLAFE, N.P.	10:51 - 11:00am	5
	A07	Gully Erosion in Rafingora, North Central Nigeria: Role of Geology and Soil Properties MUHAMMED, O.N. AND IDRIS-NDA, A.	11:01 - 11:10am	6
	A08	Evaluating Erodibility Potential and Gully Intensity of some Gully Slopes in Ezimo and Onuiyi Areas of Enugu State Using Limit Equilibrium Simulations EZE, A.A., IGWE, O. AND ONWUKA, S.	11:11 - 11:20am	6
	B04	Preliminary Geological Assessment of Dugbe-Osin Area for Earth Dam Construction, Irepodun, Kwara State, North-Central Nigeria IBRAHIM, O.I.	11:21 - 11:30am	10
	B05	Evaluating the MDD and OMC of Remolded Cohesive Materials from some North-Eastern Nigerian Lithoseismic Layers UGWOKE, T.A. AND IGWE, O.	11:31 - 11:40am	11
	B06	Variation of Maturity across a Lateritic Profile: An Example from Ilorin ODEDIRAN, O.A., OLATUNJI, J.A., OBARO, R. AND BASSAGI, M.	11:41 - 11:50am	11
	LUNCH BREAK		11:51 - 12:20PM	
	OPENING REMARKS		12:21 - 12:25PM	
	PLENARY SESSION 2 (B)		12:26 - 12:55PM	
	LP4	Engineering Geological Mapping for Infrastructure and Land-Use PROF. LOUIS JAN VAN ROOY	12:26 - 12:55PM	1
	TECHNICAL SESSION 2 (B)		1:00 - 2:00PM	
	B07	The Relationship Between Slope Angle and Landslide Dimensions in South-East Nigeria Derived from Limit Equilibrium Simulations and Statistical Analysis UNA, C.O.	1:01 - 1:10pm	11
	C06	Assessment of Porphyritic Granite-Derived Soils for Road Construction from Odeda, Southwestern Nigeria SHODEKO, E.O. AND KOMOLAFE, N.P.	1:11 - 1:20pm	16
	C07	Estimation of the Strength Characteristics of Residual Soils in a Nigerian State: Achieving Soil-Foundation Relationship Comfort OLOFINYO, O.O. AND ALE, T.O.	1:21 - 1:30pm	17
	C08	Geochemical, Index and Strength Appraisals of Granite-derived Residual Soils IKUBUWAJE, C.O., OSO, O.O AND ROTIMI, I.A.	1:31 - 1:40pm	17
	C09	Mechanical Stabilization of a Residual Lateritic Soil with Termite Reworked Soil From Jobele Area, Southwestern Nigeria ADEYEMI, G.O. AND ADESOPE, O.A.	1:41 - 1:50pm	18
	C10	Geotechnical Evaluation of Residual Tropical Soil as Material for Road Construction in Osogbo, South-western Nigeria OYELAMI C.A. AND AKANDE W.M.	1:51 - 2:00pm	19
	GENERAL CLOSING		2:01 - 2:10pm	

PORTUGAL

Activities during 2019/20

In addition to the regular mails from the SPG Secretariat with the General Secretary and the Treasurer of the IAEG, regarding the SPG membership who are also associated to the IAEG, the activity with the IAEG summed that:

- The Portuguese National Group (SPG) was represented at the IAEG council held in Jeju Island, South Korea on 22nd September 2019 by Professor Ricardo Oliveira.
- The elections of the new board of SPG (2020-2024) will be on 30th September 2020 and it is expected the start of the term during October 2020.

Main SPG activities during 2019

- 2nd Seminar on Transportation Geotechnics under the thematic “Soil Improvement Challenges on Alluvial Zones”, held in Vila Franca de Xira, Portugal (28-29th January 2019). The Seminar was a joint organization by the Technical Committees CPGT and IGS-Portugal from SPG. The event was attended by over 155 participants.
- Portuguese Association of Geologists (APG) Special Lecture by Ricardo Oliveira, Honorary President of the IAEG, on the theme “The importance of geology in engineering works”, 29th March 2019, in LNEC, Lisbon. The session was attended by more than 90 participants. The event was supported by SPG.
- SPG organized the 15th Annual Meeting, on 27th March 2019 in Lisbon, Portugal.
- SPG Special Lecture by Paulo da Venda Oliveira (Faculty of Sciences and Technology, University of Coimbra), on “Landfills under soft soils: from the research to the practice”, 27th March 2019 in LNEC, Lisbon, was attended by over 70 participants.
- 3rd International Conference on Information Technology in Geo-Engineering, organized by the University of Minho and SPG under the Joint Technical Committee 2 (Federation of International Geo-engineering Societies; FedIGS) framework, held in Guimarães, NW Portugal, by 29 September to 2 October 2019. The book of proceedings “Information Technology in Geo-Engineering” edited by A. Gomes Correia, J. Tinoco, P. Cortez and L. Lamas was published by Springer in the Geomechanics and Geoengineering Series. The event was attended by more than 160 participants.
- 2nd International Workshop on Natural Hazards (NatHaz19) – Hydrological Risks (Pico island, Azores, 7-8th May 2019). This event was organized by LREC—Regional Civil Engineering Laboratory (Azores) with SPG support. The workshop was attended by over 55 participants. The book of proceedings “Advances in Natural Hazards and Hydrological Risks: Meeting the Challenge” edited by F. Fernandes, A. Malheiro and H.I. Chaminé was published by Springer in the ASTI series.
- Opening sessions to the public discussion of the “Good practice guide for contracting complex geotechnical works” (OE, APPC, CPT-SPG) in Lisbon (18th July 2019, LNEC), Coimbra (7th October 2019, OE-Centro) and Porto (8th October 2019, OE-RN). The sessions were attended by over 55 participants.
- During the 27th European Young Geotechnical Engineers Conference (Muğla, Turkey), 26-27th September 2019, SPG was represented by Luís Miranda, winner of the José Folque Prize for Young Geotechnics SPG, with the oral communication “Laboratory Testing and Numerical Modelling of the Dynamic Behaviour of Tagus River Sand”.
- The XXXVI Manuel Rocha Lecture, 14th October 2019, Lisbon, was given by Prof. Giovanni Barla

(Polytechnical University of Torino, Italy), on “Performance assessment of underground caverns during excavation in view of completion”.

- 5th International Seminar on Underground Space (18th October 2019), under the theme “Health and Safety in Underground Space”, held in Lisbon. The event was organized by the Technical Committee Portuguese Commission on Tunnelling and Underground Space (CPT) from SPG and LNEC. The seminar was attended by over 120 participants.

- The Workshop “Geotechnical solutions for inter-regional environmental problems Portugal-Spain” (Covilhã, Portugal, 25-26th November 2019) was organized by University of Beira Interior (UBI) and Technical Committee of Portuguese Environmental Geotechnics (CPGA) from SPG. The book of the extended abstracts was published in e-Book by UBI press. The event was attended by more than 250 participants.

- 1st Seminar on Excavations in Urban Environment (Lisbon, 5-6th December 2019), organized by SPG with collaboration of Lisbon Municipality (CML) and OE. The event was attended by over 230 participants.

- During 2019 were performed several invited keynote lectures by: i) P.K. Robertson, USA (Evaluation of liquefaction in tailings and mine waste: an update) organized by FEUP, Porto; ii) J. Vieira de Lemos, LNEC (Discrete element modelling of dam foundations) included in ISRM Online Lectures; iii) P. Sêco e Pinto (Static and Seismic Pile Foundations Design by Load Tests and Experimental Models) in 3rd Victor de Mello Goa Lecture, India; iv) R. Oliveira (The importance of geology in engineering works) LNEC, Lisbon.

- SPG Organizing committees, Advisory committees and Scientific committees developed an intense work during 2019 in supervising and/or preparation of several conferences to be held in 2020/2023, such as: i) XXXVII Manuel Rocha Lecture (Eng. Mateus de Brito, Portugal), Lisbon, 19th October 2020; ii) 17th Portuguese Geotechnical Congress and 10th Portuguese-Brazilian Geotechnical Symposium (Lisbon, 2021); iii) 1st International Conference on Sustainability in Geotechnical Engineering “Geodiversity & Resilience” (Lisbon, 2021); iv) 3rd International Workshop on Natural Hazards (NatHaz22) – Volcanological Risks (Terceira island, Azores, May 2022); v) XVIII European Conference ISSMGE (Lisbon, 2023).

- SPG provides to all active members an electronic Newsletter bimonthly. In 2019 were published on the website the issues 38 to 42.

- In 2019 were published several issues of the following SPG journals: i) ‘Geotecnia’ (Volumes 144 to 147); ii) ‘Soils and Rocks: An International Journal of Geotechnical and Geoenvironmental Engineering’ (Volume 42 – issues 1, 2 and 3).

SWEDEN

Due to the need of work, the present contact person of Sweden national group has been changed to Mrs Pia Hansson. she is responsible for the engineering geology section in Sweden national group. Anybody can contact her by pia.hansson@sweco.se if necessary.

UK

Obituary of Prof. Peter Fookes

Prof. Peter Fookes (1933-2020) passed away after a lengthy illness. He had played a significant role in establishing engineering geology as a discipline and a career path. In the mid-1960s he had been a lecturer in engineering geology at the Royal School of Mines, Imperial College, London, before leaving to develop his own consultancy practice. This practice took him to over 80 countries, working

for a wide variety of Contractors, Consultants and Clients. He frequently acted as an expert witness and in a peer review capacity. Peter was a pioneer in the understanding of the causes of salt attack on concrete in hot deserts, the development of ground models and the engineering challenges presented by tropical and desert soils. Peter was also a great supporter of the use of geomorphology, especially on the planning of major linear infrastructure projects, and was regarded as the “Father of Engineering Geomorphology” in the UK. In 1985 he became the first British engineering geologist to receive the Geological Society's William Smith Medal and in 1997 gave the first Glossop Lecture. He never retired, and spent his last decades helping the oil and gas industry address the geohazard challenges posed by routing major pipelines through deserts and mountainous terrains.



Prof. Peter Fookes

USA

AEG's long-time Member, Patricia Bryan (Chicago), has been selected as winner of the 2020 Distinguished Practice award by GSA's Division of Environmental and Engineering Geology. The award recognizes outstanding individuals in North America for their technical accomplishments and professional stature in environmental and engineering geology.

Patty's career started in the oil patch, and included stints at several major environmental consulting companies before she launched her own firm in 2014. She is now President and Principal Geologist at Bryan Environmental Consultants, Inc., a remediation-oriented, woman-owned business in the Chicago area.



Patty is a graduate of Binghamton University (SUNY Binghamton). Patty serves on the Board for Professional Geologists in Illinois and periodically still has to defend the need for professional registration of geologists in her state. She served as Chairman of the Chicago Chapter of AEG for many years. Patty was President of the AEG Foundation from 2010 to 2014, and then served as its Executive Director from 2015 to 2016.

Patty now co-chairs AEG's Technical Working Group on the Environment, and plans symposia on state-of-the-art environmental Hot Topics, such as Emerging Contaminants, GenX and Radon Remediation, for AEG's Annual Meetings.

The award will be presented at GSA's online annual meeting (GSA 2020 Connects Online), Oct. 26-30, 2020.

AEG joins GSA in congratulating Patty Bryan on this significant professional accomplishment.

8. EVENTS OF COMMISSIONS

Commission 28

The Commission 28 Reliability quantification of the geological model in large civil engineering projects was established on 2009. On 2012 the Guideline on the Reliability Assessment of the Geological Model was published by the Italian chapter of IAEG (https://www.iaeg.info/wp-content/uploads/2019/01/c28_std-recommendations.pdf). On 2014 the C28 organized the workshop “Facing with Geological and Geotechnical Uncertainty” during the XII International IAEG Congress in Turin. Since then the C28 has not produced further initiatives or documents.

A new condition is being created this year to relaunch the C28, which meets a real need for further study and development of this specific field of the engineering geology. The reliability assessment of geological and geotechnical uncertainties is increasingly required to improve the quality and safety in design, contractual management, the risk sharing management and the financial management during planning, construction and maintenance phases in all major civil works projects.

As a matter of fact, quantitative information to build geo-engineering subsoil models come from several new devices and technologies like satellite probes, multiple types of aerial data acquisition systems, indirect geophysical investigations, underground coring, logging and testing probes and point diffuse monitoring networks. They all contribute to enrich geo-datasets of tens of parameters that are stored in large databases commonly managed through GIS-based platforms and software interfaces to numerical 3D terrain models. Nonetheless, the abundance of data taken at different location and time provides a new challenge for scientists and professionals in geo-engineering that is integrating diverse spatial and temporal datasets to describe the present and changing conditions of the Earth at different reliability levels. Hence, the data fusion perspective put geologists and geo-engineers in front of a new quantitative perspective that cannot avoid the geological judgement but needs an additional sensibility and awareness to information technologies, machine learning, geostatistical and artificial intelligence methodologies.

What is the program for the next few months?

The C28 aims to promote a multidisciplinary discussion on quantifying the reliability of geological models in large civil works, mining activities, control of the transport of contaminants, among others. The cooperation with the ISSGME society especially with TC304 (Engineering Practice of Risk Assessment & Management) and TC309 (Machine Learning) will be another crucial point for the C28 members' activity.

By 2020 the list of C28 participants will be updated and during the first months of 2021 a program and concrete proposals will be developed. The next C28 meeting could be in April 2021 in Athens, on the occasion of the 3rd European Regional Conference of IAEG.

Machine Learning & Risk Assessment in Geoengineering

The C28 is sponsoring the coming TC304/TC309 Joint International Symposium - MLRA2021 - Machine Learning & Risk Assessment in Geoengineering (Wroclaw 2021), to be held in Wroclaw, 15-17 March 2021 (<http://www.MLRA2021.pwr.edu.pl>).

Call for expressions of interest in becoming a member of C28

The C28 has opened a CALL for EXPRESSION OF INTEREST to all of those Engineering Geologists who:

- work in the field of large infrastructures construction and daily must take into account the geological model variability and heterogeneity;
- work in the academic world and has expertise in managing big data, data mining, data fusion in several branches of applied geology world;
- are expert in statistical and geostatistical methods, in machine learning, neural networks, and data-driven methods and models;
- are interested in developing methods to quantify the uncertainties related to measured parameters and derived variables and the soil and rock natural variability in complex geological contexts and not optimized sampling.

C28 aims to involve geologists, geomechanicals and geotechnicians, hydrogeologists and environmental and legal skills in a multidisciplinary discussion on quantifying the reliability of geological models in large civil works, mining activities, and control of the transport of contaminants, among others.

The main activities of C28 will be to promote the circulation of methods, case histories and guidelines in this field of study and to organize conferences and workshops. One or two C28 meetings per year will allow for coordination of activities.

Interested practitioners, academics, researchers and experts are kindly asked to send to iaeg.c28@gmail.com their expression of interest by the end of November 2020. A brief CV and a short text illustrating the proposal and availability are required.

Commission 39

In September 2019, IAEG approved the establishing of Commission 39 for Naturally Occurring Asbestos.

Mark Bailey was elected as the president, Francesco Turci the vice president, and Sarah Kalika the secretary.

C39 has their own website noa-emp.info, where they share contents, updates, committee member list, and important links.

9. 3rd EUROPEAN REGIONAL CONFERENCE

In view of the escalating challenges we all face as a result of the Coronavirus-COVID-19 pandemic and the need to safeguard the health and wellbeing of our exhibitors and visitors, we would like to inform you that the EUROENGE0 2020 will be postponed to April 8-12, 2021. The IAEG Working Meetings will be held on April 8, 2021, and the post-conference field trips on April 12-13, 2021.

Please refer to the link below for abstract Submission:

<https://www.eventora.com/en/Events/euroengeo2020/Submissions/CreteInitial/2b38b82a-e469-4baa-a427-caca00536c96>



Dear Colleagues and friends,

After the postponement of the EUROENGE02020 to mid Spring 2021 (8th to 12th April 2021) the organizing committee of the conference has decided to take advantage of the extra time and call for FULL PAPER SUBMISSION.

The full paper submission is optional. There are now two submission options:

The extended abstract submission and the full paper submission (submissions will be open till the 15th of December). The submission and revision dates will be tight, and we are seeking the cooperation of all authors.

We have already received a remarkable number of extended abstracts. The authors that have already submitted their abstracts, will be notified for the acceptance till the end of September and will have the option either to submit the full paper or continue to publish the accepted extended abstract. New authors who now wish to submit only a new extended abstract or directly a full paper (without the abstract submission stage) are also most welcome. The templates for the paper submission (extended abstract and full paper) are available in the official website.

Whilst it is too early to make accurate predictions about the progression or resolution of the epidemic, the meeting is still planned to proceed as scheduled. We will follow oncoming EU and Greek Ministry of Health recommendations regarding the organization of public events. We are very optimistic about the future situation and we are still looking forward welcoming you in Athens, next April!

We remain excited to host you in a few months and please keep in mind that the latest information will always be available at www.euroengeo2020.org.

Please contact us for any queries at info@euroengeo2020.org.

Be safe and looking forward seeing you in April 2021.

Sincerely,

The Organizing Committee

10. MEETING INFORMATION

October 19-22, 2020

IRALL SCHOOL 2020 (Online Lecture and Workshop)



Since 2016, SKLGP has successfully held iRALL School for 4 times, with 131 international doctoral students from more than 20 countries coming to Sichuan for training and academic visiting. Due to the impact of COVID-19, the offline iRALL School 2020 will be replaced by Online iRALL School 2020. Everyone is welcome to join.

iRALL school 2020 provides a 4-day academic course not only for postgraduate students but also for all researchers from various countries. 16 renowned experts from 8 countries are invited to give academic lectures and cutting-edge research presentations, focusing on "investigation, analysis and management of large-scale landslides". Please see the attachment of Schedule Overview, iRALL School 2020 Broucher for more details.

Time: 19 OCT - 22 OCT, 2020

Participation: Everyone is welcome to join iRALL School 2020 through Zoom

ZOOM ID: 933 459 4792 PASSWORD: iRALL2020

ZOOM URL: <https://us02web.zoom.us/j/9334594792>

Detail Schedule: <http://en.sklgp.cdut.edu.cn/info/1181/1947.htm>

For more information, please visit:

SKLGP Website <http://en.sklgp.cdut.edu.cn/>

iRALL Website <http://irall.sklgp.cdut.edu.cn/>



Delhi, India, August 16-21, 2021

36th International Geological Congress



Due to the COVID-19 epidemic, the organization committee of the 36th International Geological Congress has been rescheduled to August 16-21, 2021.

Scheduling was constrained by the limited availability of the venue site in New Delhi in 2021. The IUGS Executive Committee and its constituent groups will work hard to ensure the success of the rescheduled Congress.

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

Cordoba, Argentina, September 6 -10, 2021

1st IAEG South American Regional Conferences & 2021 Congress of the IAEG National Group of Argentina



The 1st Regional South American Conference of IAEG, which will take place in the city of Córdoba in coincidence with the 2nd Argentine Congress of Geology Applied to Engineering and the Environment. The event will take place between September 6 and 10, 2021 within the Córdoba Regional Faculty of the National Technological University. The activity marks the return of IAEG to the region after 35 years, so we trust that the initiative will be a pleasant moment for its participants, involving the scientific and professional community of the region.

The main goal of the conference is to share knowledge and practical experience in dealing with issues on Geology applied to society development.

Contact Information

Website : iaegsa2021.org

Email: aw@tradeshowsa.com.ar (for commercial) ; congreso@asagai.org.ar (for academic)

Venue : Regional Cordoba Faculty of the National Technology University

Schedule

9/04 (Saturday)	9/5 (Sunday)	9/6 (Monday)	9/7 (Tuesday)	9/8 (Wednesday)	9/9 (Thursday)	9/10 (Friday)
IAEG Executive Committee Meeting	IAEG Council Meeting	IAEG Executive Committee and IAEG Council Participants Field Trip Regional Members Meeting Courses	Pre-event Field Trip Courses Companion Tour	Opening Ceremony Conferences Concurrent Session YEG Session Poster Session	Conferences Concurrent Session Poster Session Banquet	Concurrent Session Closing Ceremony

Theme

—Thematic Cartography	—Urban Geology and Territorial Planning
—Medical Geology	—Integrated Management of Water Resources
—Environmental Geology	—Geological Parks and Geotourism
—Costal Geology	—Industrial Rocks and other Materials for Engineering Use

Singapore, November 15 - 19, 2021

The 13th Asian Regional Conference of IAEG



ARC 13 is co-organized by Society for Rock Mechanics & Engineering Geology (Singapore) and The Geological Society of Hong Kong. The organizers offer an ideal opportunity and platform for professionals from the international engineering geology community to exchange the latest experiences and ideas on engineering geology, particularly on the conference theme "Engineering Geology for Sustainable Resource and Infrastructure Development". In addition to the technical programs, we will organize short courses, workshops, technical visits, exhibitions, as well social programs. We will also offer attractive programs for young researchers and students, such as Young

Engineering Geologist Session.

In 2019, Singapore released an underground masterplan that maps out the underground space and its potential use. Singapore thus has great needs for resource and infrastructure development, which is well supported by high-level research from the industry and academia. Singapore is much more than the sum of its numerous attractions. It's constantly evolving, reinventing, and reimagining itself, with people who are passionate about creating new possibilities.

ARC organizers intend for ARC 13 to adopt an in-person meeting format. However, this cannot be promised because attendee safety is top priority and in view of restrictions caused by the COVID-19 pandemic. If the situation does not improve, the meeting may take the form of online presentations. Once decided, an announcement will be made and the restriction fees informed accordingly.

Conference Information

Date : November 15-19, 2021

Website : <http://www.iaeg-arc13.org/>

E-mail : iaeg-arc13@meetmatt.net; Tel : +65-6472-3108 ; Fax : +65-6472-3208

Important Dates

Abstract Submission Opens & Deadline	November 1, 2020 – January 31, 2021
Notify Abstract Acceptance & Deadline	December 15, 2020
Short/Full Paper Submission Opens & Deadline	February 1, 2021 – May 15, 2021
Notify Paper Acceptance	From May 15, 2021

Topics

—Applied Geomorphology and Structural Geology	—Site Investigation and Geological Model
—Soil Mechanics and Geotechnical Engineering	—Slope Stability and Landslides
—Rock Mechanics and Underground Space	—Geohazard Engineering and Risk Assessment

Fukuoka, Japan, September 9-11, 2021

5th International Workshop on Rock Mechanics and Engineering Geology in Volcanic Fields



The 5th International Workshop on Rock Mechanics and Engineering Geology in Volcanic Fields will be held on September 9-11, 2021 in Fukuoka, Japan.

The goals of this workshop are to promote the exchange of ideas and information among civil engineers and geologists regarding serious issues related to volcanic fields, and to find possible solutions to them, as well as to aid in the fusion of Civil Engineering and Geology in terms of applied volcanic science, including construction, environment, groundwater, disasters, and geothermal energy.

Many resources can be found in the vicinity of volcanic fields, such as hydro-geothermal energy and groundwater. On the other hand, many natural disasters and other risks to infrastructure construction

also exist due to the geoscientific and geotechnical features in these areas.

Thus, civil engineers and engineering geologists strive to solve these problems based on the existing data on volcanic fields.

Conference Information

Website : <https://ec-convention.com/rmegv2021/>

E-mail : rmegv2021@rocknet-japan.org (Secretariat Office);

RMEGV2021@ec-pro.co.jp (Registration Office) ; Tel : +81-11-299-5910; Fax : +81-11-299-5911

Venue : Fukuoka University, 19-1, Nanakuma 8, Jonan-ku, Fukuoka

Important Dates

Abstract Submission Deadline	January 15, 2021
Notify of Abstract Acceptance	February 28, 2021
Extended Abstract Submission Deadline	May 1, 2021
Notification of Extended Abstract	June 30, 2021

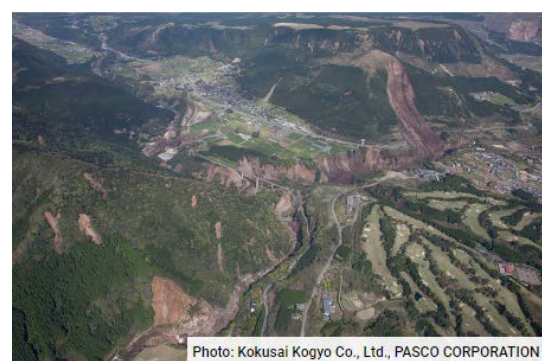
Themes

- volcanic geology, disasters and their mitigation
- resources and energy in volcanic fields
- mechanical behavior of volcanic rocks and soils
- groundwater and environmental problems in volcanic fields
- geotechnical engineering in volcanic fields

Tentative Program

	September 9		September 10		September 1
AM	Opening Ceremony Keynote Lecture Oral Sessions	Exhibition	Keynote Lecture Oral Sessions	Exhibition	Technical Excursion (Aso Area)
PM	Keynote Lecture Oral Session Poster Session		Keynote Lecture Oral Sessions Closing Ceremony Poster Session		
Night	Banquet				

Excursion (Aso Area)



11. CONTACT INFORMATION

IAEG EXECUTIVE COMMITTEE 2019-2022

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

President

Scott F. Burns

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

USA

Tel +1-503-7253389

Fax +1-503-7253025

Mail burnss@pdx.edu

Immediate past president

WU Faquan

Shaoxing University
No.508 Huanchengxilu
Shaoxing City,
Zhejiang Province

CHINA

Tel: + 86-0575-88346551

Fax: + 86-0575-88346551

Mail: iaegsg@163.com

Secretary General

Jean-Alain Fleurisson

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

FRANCE

Tel: +33 1 64 69 48 13

Mob: +33 6 67 91 73 10

Mail:

jean-alain.fleurisson@mines-paristech.fr

Treasurer

Tamunoene Kingdom

Simeon Abam

Institute of Geosciences and
Space Technology, River State
University, Nkpolu, PortHarcourt

NIGERIA

Tel +234-8033100474

Mail groundscan@yahoo.com

Vice-president for Africa

[National Groups :Algeria,
Nigeria, South Africa]

Tang Huiming

No. 388 Lumo Rd. Wuhan,
Hubei, China, 430074 China
University of Geosciences

CHINA

Tel: + 86-027-67883968
Mob: + 86-13607153663
Fax: + 86-027-87481030
Mail: tanghm@cug.edu.cn

Vice-president for Asia

[National and Regional Groups:
Bangladesh, China, Chinese Taipei
Regional Group, Hong Kong Regional
Group, India, Indonesia, Iran, Iraq,
Japan, South Korea, Malaysia, Nepal,
Singapore, South-East Asia, Vietnam

Bo-An Jang

Dept. of Geophysics
1 Gangwondaehakgil
Chuncheon, Kangwon-do
24341
Republic of Korea

KOREA

Mob: +82-10-3281-6137
Fax: +82-33-244-9276
Mail: bajang@kangwon.ac.kr

Vice-president for Asia

[National and Regional Groups:
Bangladesh, China, Chinese Taipei
Regional Group, Hong Kong Regional
Group, India, Indonesia, Iran, Iraq,
Japan, South Korea, Malaysia, Nepal,
Singapore, South-East Asia, Vietnam

Doug Johnson

Tonkin Taylor 105 Carlton
Gore Rd. Newmarket
Auckland 1023

NEW ZEALAND

Mob: +6421574080
DDI: +6493556052
Mail: djohnson@tonkintaylor.
co.nz

Vice-president for Australasia

[National groups : Australia ;
New Zealand]

D. Jean Hutchinson

Dept Geological Sciences
and Geological Engineering
Miller Hall, 36 Union St
Queen's University
Kingston, Ontario
K7L 2G8

CANADA

Mob: +1 613 770 2623
Fax: +1 613 533 6592
Mail: hutchinj@queensu.ca

Vice-president for North America

[National groups : Canada ; Mexico ;
United States of America]

**Norberto Jorge
Bejerman**

Learte 1818-5006 Cordoba – com
Argentina

ARGENTINA

Mob: +543515902618
Mail: jorgebejerman@gmail.

Vice-president for South America

[National groups : Argentina ; Brazil ;
Colombia ; Paraguay ; Peru]

Vassilis Marinos

School of Civil
Engineering
Geotechnical Division
National Technical University
of Athens
GREECE

Mob +30 6944833898
Fax +30 2310 998530
Mail marinosv@civil.ntua.gr

Vice-president for Europe

[National groups: Albania; Austria;
Bulgaria; Croatia; Cyprus;
Estonia; France; Georgia ; Greece ;
Italy; Lithuania ; Netherlands ; Poland;
Portugal; Romania ; Slovenia ;
Serbia(Yugoslavia) ; Spain ; Switzerland ;
Turkey]

Eugene A. Voznesensky Mob +79039665264
Faculty of Geology Fax +7 (495) 932-8889
Lomonosov Moscow State Mail arnoldych@gmail.com
University
1 Leninskie Gory
119234 Moscow, Russia

RUSSIA

Vice-president for Europe
[National groups : Belgium ; Czech
Republic ; Denmark ; Finland ;
Germany; Hungary ; Iceland ; Ireland;
Norway ; Russia ;Slovak Republic ;
Sweden; United Kingdom]

Giorgio Lollino Tel + 39-011-3977810
CNR-IRPI Fax + 39-011-3977820
Strada delle Cacce, 73 Mail giorgio.lollino@irpi.cnr.it
10135 Torino

ITALY

Web Editor in Chief
Ex Officio Member

Resat Ulusay Tel + 90-312-2977767
Hacettepe University Fax + 90-532-5733546
Dept. of Geological Mail resat@hacettepe.edu.tr
Engineering, Applied Resatulusay1987@gmail.com
Geology Division,
06800 Beytepe, Ankara

TURKEY

Bulletin Editor in Chief
Ex Officio Member

Louis N.Y. Wong
Department of Earth
Sciences
The University of Hong Kong,
Pokfulam Road

HONG KONG

Tel + 852-67395085
Mail LNYWONG@hku.hk

Bulletin Editor in Chief
Ex Officio Member

Stratis Karantanellis
Aristotle University of
Thessaloniki
Faculty of Sciences, School
of Geology.
54124, Thessaloniki,

GREECE

Mob: +30 6947243602
Mail: skarantanellis@gmail.com
Chair of Young Engineering Geologists
(YEG) Committee
Ex officio member

IAEG National Group

Defrim 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

Fabio Sergio Luna
President
secretario@asagai.org.ar
Norberto Jorge Bejerman
Secretary
secretario@asagai.org.ar

ARGENTINA

Stephen Fityus
Chairman
stephen.fityus@newcastle.edu.au
Peter Robinson
Secretary
secretary@australiangeomechanics.org

AUSTRALIA

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

AUSTRIA

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

BANGLADESH

Christian TREVE
President
Christian.Treve@gmail.com
Fanny DESCAMPS
Secretary
fanny.descamps@umons.ac.be

BELGIUM

Delfino L. G. Gambetti
President
presidencia@abge.org.br
Marcela P. P. Guimarães da Silva
Secretary
abge@abge.org.br

BRAZIL

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

BULGARIA

Mario Ruel
President
President@cgs.ca
Michel Aubertin
Executive Director
ExecDir@cgs.ca
Stephen Butt
CGS Engineering Geology Division Chair
sdbutt@mun.ca
Secretary / Administrator
Lisa Reny
admin@cgs.ca

CANADA

Faquan Wu
President
wufaquan@mail.iggcas.ac.cn
Shengwen Qi
Secretary
qishengwen@mail.iggcas.ac.cn

P.R. of CHINA

Fei Li-Yuan
President
feily111@gmail.com
Chen Mien-Ming
Secretary General
mienming@gmail.com

CHINESE TAIPEI Regional Group

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

COLOMBIA

Sergio Mora Castro
President
smoracastro@consultarx.com
Alexander Goyenaga
Secretary
alexbarca8@hotmail.com

COSTA RICA

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

CROATIA

Clio Grammi
President
geominescy@gmail.com
Niki Koulermou
Vice-President
niki.koulermou@gmail.com

CYPRUS

Pavel Pospíšil
pavel.pospisil@vsb.cz
Jan Novotný
Secretary
iaeg@irsm.cas.cz
jan.novotny@geology.cz

CZECH REPUBLIC

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

DENMARK

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

ESTONIA

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

FINLAND

Guilhem Devèze
President
guilhem.deveze@edf.fr
Marc Brisbarre
Secretary
marc.brisebarre@laposte.net

FRANCE

Zurab Kakulia
President
zukakulia@yahoo.com
Ludmila Glonti
Secretary

GEORGIA

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

GERMANY

Loupasakis Constantinos
President
cloupasakis@metal.ntua.gr
Haris Saroglou
Secretary
saroglou@central.ntua.gr

GREECE

Paul Cheung
President
golfcheung@hotmail.com
Louis N.Y. Wong
Secretary
lwywong@hku.hk
Hong Kong Regional Group

Akos TOROK
President
torokakos@mail.bme.hu

HUNGARY

Haraldur Sigursteinsson
President
has@vegagerdin.is
Thorsteinn Samundsson
Secretary
steinis@hi.is

ICELAND

AK Singh
President
SL Kapil
Secretary
india.seg@gmail.com

INDIA

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

INDONESIA

Michael LOOBY
President

IRELAND

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

IRAN

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

IRAQ

Daniele Giordan
President
daniele.giordan@irpi.cnr.it
Martina Cignetti
Secretary
segreteria@iaeg.it

ITALY

Masahiko OSADA
President
iaeg-japan-ng@jseg.or.jp
Masahiro Chigira
Chairman
chigira.masahiro.3u@kyoto-u.ac.jp
Takao Chaishi
Vice President
chaishi@jpde.co.jp
Daisuke Yamada
Secretary
daisuke_yamada@kk-grp.jp

JAPAN

Bolot Moldobekov
President
internationaldept@caiag.kg
Sagynbek Orunbaev
Secretary

KYRGYZSTAN

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

MALAYSIA

Sugarsuren Ganbaatar
President
sugarsureng@yahoo.com
Batbayar Batkhuu
Secretary
batkhuubatsbyar@gmail.com

MONGOLIA

Sone Han
President
Aye Lwin
Secretary
ayelwin.54@gmail.com

MYANMAR

Carlos GARCIA HERRERA
President
Apartado Postal 39-137

MEXICO

Ram Prasad Ghimire
Nepal Geological Society
rnksgghimire@gmail.com
Ranjan Kumar Dahal
Nepalese Society of Engineering Geologists
rkdahal@gmail.com

NEPAL

Robrecht Schmitz
President
r.m.schmitz@tudelft.nl
Peter N.W. Verhoef
IAEG representative Ingeokring
p.n.w.verhoef@gmail.com

NETHERLANDS

TKS Abam
groundscan@yahoo.com
President
Abimbola Aluko
Secretary
beamborller@gmail.com

NIGERIA

Saskia Butler
Contact Person
saskia.butler@tekna.no

NORWAY

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

NEW-ZEALAND

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

PERU

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

POLAND

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

LITHUANIA

José Pavón Mendoza
President
presidente@spg.org.py

PARAGUAY

António de Matos Fernandes
President
spg@lnec.pt
Helder Chaminé
Secretary
spg@lnec.pt

PORTUGAL

MARUNTEANU CRISTIAN
President
crimarunteanu@yahoo.com
STANCIUCU MIHAELA
Secretary
stanciucumihaela@yahoo.com

ROMANIA

Victor I. Osipov
President
osipov@geoenv.ru
Olga N. Eremina
Secretary
direct@geoenv.ru

RUSSIA

Dusko Sunaric
President
dsunaric@gmail.com
Bijana
Secretary
bijana.abolmasov@rgf.bg.ac.rs

SERBIA

Zhiye Zhao
President
CZZHAO@ntu.edu.sg
Angeline Long
Secretary
srmeg@cma.sg

SINGAPORE

Martin Ondrasik
President
martin.ondrasik@stuba.sk

SLOVAKIA

Dušanka Brožič
President
dusanka.brozic@gi-zrmk.si

SLOVENIA

Robert Leyland
President
president@saieg.co.za
Yolandé van den Berg
Secretary
secretariat@saieg.co.za
Paul Aucamp
Treasurer
treasurer@saieg.co.za

SOUTH AFRICA

Young-Seok Seo
President
ysseo@cbu.ac.kr
Jaehyung YU
Secretary
jaeyu@cnu.ac.kr

SOUTH KOREA

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

SPAIN

Victoria Svahn
President
victoria.svahn@sbk.goteborg.se
Daniel Morfeldt
Representative
daniel.morfeldt@mineconsult.se

SWEDEN

Ruedi Krähenbühl
President
baugrundrisk@bluewin.ch
Céline Pittet
Secretary
sfigkassier@geotest.ch

SWITZERLAND

Dennes T. BERGADO

Secretary

seags@ait.ac.th

SEAGS

Remzi Karagüzel

President

remzikaraguzel@gmail.com

karaguzel@itu.edu.tr

Halil KUMSAR

Secretary

kumsarh@gmail.com

hkumsar@pau.edu.tr

TURKEY

Helen Reeves

President

helenmacklam@gmail.com

UNITED KINGDOM

Yu.D.Magrupov

Chairman

Abdukhalik Saparov

Secretary

info@uzgashkliti.uz

UZBEKISTAN

Dave Fenster

President

president@aegweb.org

Kristy Howard

Secretary

manager@aegweb.org

Julien Waeber

Representative

jwaeber@gmail.com

U.S.A.

Ta Duc Thinh

President

taducthinh_dcct@yahoo.com

Do Minh Duc

Secretary

ducdm@vnu.edu.vn

ducgeo@gmail.com

Vietnam

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

Marlene Villeneuve

President

marlene.villeneuve@canterbury.ac.nz

Nicholas Vlachopoulos

Secretary

vlachopoulos-n@rmc.ca

C10 Building Stones and Ornamental Rocks

Björn SCHOUENBORG

President

bjorn.schouenborg@cbi.se

Nike et Hannu LUODES

Secretary

nike.luodes@hotmail.com

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

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

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

Antonio DEMATTEIS

President

antonio.dematteis@lombardi.group

Giovanna VESSIA

Secretary

g.vessia@unich.it

C29 Structure and Behavior of Soil and Rock Mass

Shengwen Qi
President
qishengwen@mail.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
ffnxi_001@sina.com

C35 Monitoring Methods and Approaches in Engineering Geology Applications

Daniel Giordan
President
segreteria@iaeg.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@igsnr.ac.cn
Renato Macciotta
Secretary
macciott@ualberta.ca

C38 Rockmass Characterization with Emphasis in Rock Slope Hazards

Haris Saroglou
President
saroglou@central.ntua.gr
Christian Zangerl
Secretary
Christian.j.zangerl@boku.ac.at

C39 Naturally Occurring Asbestos

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

IAEG Board Committee

Advisory Board Committee

Co-chairs

Mark Eggers

mark.eggers@psm.com.au

Carlos Delgado

carlos.delgado@gsjsolutions.biz

Committee Members

Ann William

ann.williams@beca.com

Eldon Gath

gath@earthconsultants.com

Sebastien Dupray

sebastien_dupray@hotmail.com

Runqiu Huang

706618681@qq.com

Silvina Marfil

smarfil@uns.edu.ar

Membership Committee

Faquan Wu

Chairperson

iaegsg@163.com

Yogendra Deva

Assistant Chair

yogendradeva@gmail.com

Young Engineering Geologists Committee

Stratis Karantanellis

Chairperson

skarantanellis@gmail.com