



IAEG NEWSLETTER

Electronic Version

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Edited by the IAEG Secretariat, Beijing

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A LETTER FROM THE PRESIDENT

Dear IAEG members,

With this first issue of the 2011 newsletter we would like to re-establish communication amongst the members of our association.

From the beginning of this new period as President there are two main concerns which worry me: THE WEB SITE and THE BULLETIN,

both are the windows through which our association projects its image to the world of the geoengineering sciences.

Last month we held an important meeting with the publishers of the bulletin (SPRINGER VERLAT) and discussed in detail the future and the ways to improve the quality and upgrade the citation index much appreciated in the Academic World.



Full support has been given to our new web editor, Giorgio Lollino and his team, for the modernization plan for the web site, with redesign aimed towards a more user-friendly content structure and new functionalities open to national presidents and authorised users.

The improvements include the addition of images provided by the members, a navigation bar, an always visible news panel and a top menu for the most frequently accessed information.

We hope to have the new web operative before the meeting in September.

The Council meeting and Ex. Com. Meeting will be held in Moscow on 4th and 5th of September before the Engeo Conference. We expect a large attendance to the Conference and also the presentation of a large number of papers.

I personally visited Moscow last November and I am sure that the place and the city will be the perfect scenario for the event.

I hope to see you all in Moscow.

Carlos Delgado

President of the IAEG



NEW EXECUTIVE COMMITTEE MEETING

By the Secretariat

The new Executive Committee of IAEG has held its first meeting on September 7, 2010 during the 11th IAEG conference at Auckland New Zealand. The attendee includes Fred Baynes(FB), the immediate past president, Carlos Delgado(CD), the elect president, Faquan Wu(FW), the elect secretary general, Pierre Potherat(PP), the treasurer, and new vice presidents for geographical regions Réjean Couture North America, Runqui Huang for Asia, Ian Jefferson for Northern Europe, Silvina Marfil for South America, John Stiff for Africa, Atiye Tugrul for Southern Europe, Ann Williams for Australasia. Scott Burns, the past vice president for North America and Giorgio Lollino(GL), the webmaster participates the meeting.

FB opened the meeting expressing his desire for smoothness in transfer. He will brief CD on all issues and when CD feels comfortable he will take over. The official date of transfer is January 1st 2011.

CD welcomed the new executive members and he is eager for collaboration with them. He pointed out that it was the first time that women were present in the executive.

The following matters have been discussed and related decisions have been made:

1. Website

CD stated that the transfer is not immediate and some matters may take longer than others, but the website is a priority because the web is IAEG's main window to the outside world. Scott Burns, Phil Paige-Green, Rejean Couture, Ian Jefferson and John Stiff have volunteered to help Giorgio Lollino with this. Scott Burns, Sébastien Dupray(SD) and Phil PG will make out a list of things necessary for updating the website and will turn this list over to the executive within the next three weeks.

GL wishes to invite Boudewijh from Holland to Turin for discussion the issue of website at the end of November. GL proposed a website for viewing by the exec members only to be made public after their approval.

2. Transfer Process

A slow transfer starting from today with the website will take place. The transfer of secretariat is more complicated. SD will send a report with proposals for this transfer in two weeks time. It could be possible to store archives in a deposit in Paris and to scan relevant documents to be sent on to China.

3. Periodic Meetings

CD stated that he does not want to make decisions without the support of the rest of the ExeCom. and insists on consensus in order to be effective. It was agreed that a quarterly teleconference would be enforced with additional teleconferences according to need, and the web will be a good means for transfer of documents and graphs prior to the teleconference.

4. Regional congress

CD states that regional congresses are very important and could be organised between the main IAEG four year ones. CD plans to travel to Moscow to offer help and advice for the organisation of their congress next year. VPs should encourage their regions to promote congresses.

5. Membership fee and Dispatch of Bulletin

There are two levels of IAEG membership fees at present: a higher price for high income countries and a lower one for lower income countries. FB suggests that the classification of countries for membership fees should be reviewed. It is indicated that Vietnam, Iceland and Indonesia had not paid their fees for years. CD suggested to Faquan Wu write to these people informing them that if payment is not effected they will lose their membership.

CD indicated that some NGs complain about not receiving the Bulletin and of the non-payment by some NGs. IAEG should manage the problem of non-receipt of the bulletin and asked for better communication between the Treasurer and the Secretary General.

The process of distribution by Springer needs to be sorted out. A list of members of the association is necessary. It is suggested contacting NGs and updating lists using the website, and a data base on website is necessary with access by members only who would be able to alter their own information. CD would like a Circular Letter to be sent to all NGs stating that IAEG is not responsible if non-paying members do not receive the bulletin.

6. Commissions

CD insists on the importance of commissions for the future of IAEG and to aim to increase these in number. FB agreed to continue management of the commissions for a period of two years when management of such would be passed on to another person.



New Executive Committee Meeting (from left to right: Silvina A. Marfil, John Stiff, Rejean Couture, P. Paige-Green, Ann Williams, Atiye Turgul, Fred Baynes, Carlos Dalgado, Faquan Wu, Pierre Potherat, Giorgio Lollino, Runqiu Huang)

ACTIVITIES OF THE PRESIDENT

By the secretariat

1. TRAVEL TO ROMANIA

Cristian Marunteanu, President of the Romanian Association for Engineering Geology and the Geological Institute of Romania promoted a Symposium on landslides that was held in Bucharest from October 21 to October 23, 2010. The title was “Landslides: the impact on Environment and Society”.

Among the attendees there were researchers and professors from Bucharest University and from the Geological Institute of Romania, some researches from Italy, Bulgaria and the IAEG President elected Carlos Delgado.

The meeting was useful for direct and more personal exchange of scientific experiences among the researchers and, because of this, it was in many ways more effective than large congresses. Moreover, the Symposium had no registration cost and this favoured the participation of young researchers.

The symposium lasted for three days, with one of these devoted to presentations and two important days devoted to a field trip with a visit no important and uncommon landslides and to original geological sites and with participation in social and cultural events of Romania.

The excellent organization, together with the pleasant hospitality of the organizers favoured the establishing of friendly relationships among the participants and the possibility of realizing “stages” with Scientific Institutes associated to IAEG.

2. TRAVEL TO RUSSIA

Meeting with Russia NG for discussing the arrangements for the ENGEO Congress. During 3 days the President has visited the places where the Congress will be held and offered all collaboration from IAEG.

3. TRAVEL TO PARIS (20th December)

Meeting with the new and past General Secretaries for organizing the transfer of the ARCHIVES for IAEG and discussing the actions for implement the role of GS.

4. TRAVEL TO BOURG LA REINE (FRANCE) to pay homage to our late Honorary President, Prof. Marcel Arnould, assisting to his funeral.

5. MEET WITH SPRINGER AND WEBSITE MANAGEMENT. (Madrid, April 2011)

PROGRESS REPORT FROM THE SECRETARIAT

By the secretariat

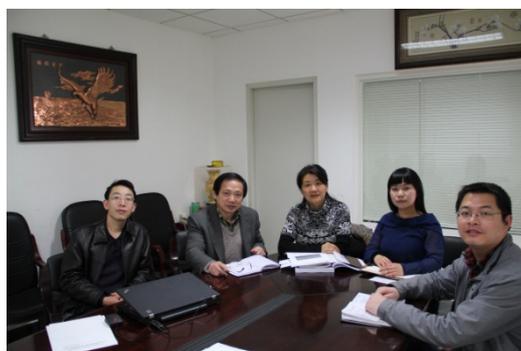
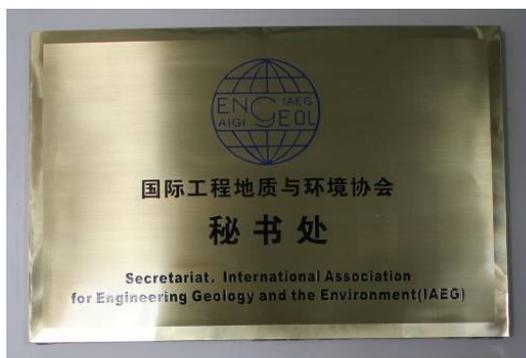
Here is a progress report of the main activities conducted by the secretariat from January 2011.

1. Operation of the secretariat

Set up a 5 member team for the secretariat, an office and a meeting room, purchased the necessary official facilities. Handover of the secretariat have been carried out at Paris in December 2010 and it is now in process to register IAEG as a legal association in China. The routine work of the secretariat is going smoothly. Professor Paul Marinos, the past president of IAEG, is to be invited to visit Beijing for directing the work of the secretariat in July, 2011.

2. Membership information collection form National Groups

The secretariat has devoted to collect the IAEG membership information in 2011 for the database establishment and Bulletin dispatch improvement.



22 NGs among total 56 NGs have kindly replied and provide their detail membership information according to the designed sheet (see the attached list), 7 NGs have been complementing data. We could not receive reply and any information from 26 NGs, these NGs are as following

Africa: Algeria, South Africa

Asia: Indonesia, Malaysia, Nepal, Singapore, Southeast Asia, Vietnam

North Europe: Albania, Bulgaria, Croatia, France, Georgia, Hungary, Slovenia

South Europe: Belgium, Denmark, Estonia, Iceland, Ireland, Norway, Poland, Slovak Republic, Sweden

North America: Mexico

South America: Peru

We would need the kind help from the vice presidents of geographical regions for contacting these NGs above and getting their membership information as soon as possible, or at least the issue No.3 of Bulletin could not be correctly dispatched.

Newsletter information collection

We have made our effort to collect information from Executive members, NGs and Commissions for compiling the first issue of IAEG Newsletter. The secretariat would like to say thanks to the following colleagues presented their news:

National Group: Australia, New Zealand, Canada, Russia, Netherlands, USA, Switzerland

Commissions: C24, C25, C28, C29,

Executive members: Prof. Carlos Delgado, Dr. Ann Williams, Mr. Giorgio Lollino

The first issue of newsletter will be accomplished, uploaded to our website and sent to our NGs as well in May.

Calling for annual activity report for the document preparation of the IAEG Council meeting in Moscow

We are now sending out a notice to collect the annual activity report from National Groups, Commissions, Bulletin editor, Webmaster and Executive members. We will begin to compile the business paper from June 1.

COLLECTED MEMBERSHIP INFORMATION FROM NATIONAL GROUPS TILL APRIL 31, 2011

Argentina	30	Japan	115
Australia	267	Korea	11
Austria	18	Lithuania	10
Brazil	65	New Zealand	267
Canada	100	Portugal	124
China	297	Romania	41
Colombia	17	Russia	80
Cyprus	15	Serbia (Yugoslavia)	17
Czech Republic	32	Slovak Republic	13
Finland	3	Spain	88
France	178	Switzerland	54
Germany	532	The Netherlands	40
Greece	87	Turkey	134
India	27	United Kingdom	227
Iran	58	USA	82
Italy	116		

HANDOVER OF IAEG SECRETARIAT FROM PARIS TO BEIJING

By the secretariat

A meeting for the handover of IAEG secretariat from Paris to Beijing has been held on December 20, 2010 at l'école nationale supérieure des mines de Paris. The IAEG president Carlos Delgado chaired the meeting, and the pass secretary general Sebastien Dupray and assistant Ms. Nathalie Paigneau, the elect secretary general Fuquan Wu and assistant Ms Xuelian Zhu, and the treasurer Pierre Potherat presented the meeting.



Dr. S. Dupray firstly made a review of IAEG secretariat task with reference to the national groups, commissions, Bulletin, yearly report, IAEG conference and congress, the archive of IAEG, and the relationship with FedIGS and other sister Societies, IUGS, the publisher Springer, and the webeditor. And then he introduced the financial arrangement for the secretariat and the annual budget.

Professor F. Wu expressed the gratitude for efforts and helps from the past secretariat under the leadership of Dr. S. Dupray and Dr. Michel Deveughele, and introduced the preparation of the new secretariat.

The meeting discussed the issues referring to the dispatch of the Bulletin, the website functionalities and the IAEG management and Secretariat work.

Finally, Dr. S. Dupray reviewed and transferred the archive of IAEG with Ms Zhu.

IAEG WORKING MEETING IN MADRID

By the secretariat

IAEG working meeting on the issues of IAEG Bulletin and Website has been held on April 18, 2011 in Madrid. 12 people including the president Carlos Delgado, the secretary general Faquan Wu, the treasurer Pierre Potherat, the former secretary general Sebastien Dupery, the chief editor of the Bulletin Brian Hawkins, chief editor of the webpage Giorgio Lollino, invited representative of the publisher Springer Christian Witschel and his assistants attended the meeting. Professor Carlos Delgado presided the meeting.

Brian Hawkins gave a short presentation on the situation of the Bulletin editing and dispatch, and proposed some ideas on improving the quality of the Bulletin and providing high quality service to the members. More effective way of communication for the Bulletin dispatch has been discussed with the publisher.

An agreement for increase the number of pages till 200 per issue was reached between Carlos



Delgado and the SPRINGER representative Christian Wistchel, without costs for the IAEG.

Giorgio Lollino introduced the framework of the new version of webpage and the intention for providing more efficient and friendly window for IAEG and better service to the members. The new webpage will be put into service in the coming June.

The issues for the preparation of the council meeting in Moscow the next September, 50 anniversary ceremony of IAEG in 2014 and the Marcel Arnould international Conference have been discussed.

LETTER FROM BULLETIN EDITOR

The first issue of the Bulletin in 2011 (Volume 70, No. 1) appeared in February and contained sixteen papers. As usual, we have tried to include a wide range of topics so that readers can be stimulated by articles on different aspects of engineering geology as well as, we hope, something related to their own particular interests.

In the current issue, the papers included natural disasters (landslides in China and earthquake-induced liquefaction in Greece) and problems associated with engineering works (harbour wall failure in Spain and subsidence induced by subway tunnelling in Istanbul); stability analyses (Turkey) and causes of instability (Norway); the engineering geological evaluation of a bridge and tunnel in an historic area (Serbia) and the engineering geological properties of altered rocks roads (south west China); modern problems (flyrock danger) and historic structures (caverns in Thailand and monuments in Korea); determining the durability of rock. An abrasion resistance test and papers on highway construction in Nigeria and an ANN approach to the groutability of granular soils.

The next issue, in May, will have some 160 pages. However, attention is drawn to the on-line papers which anyone who has subscribed to the Bulletin can already read and download copies, free of charge. Readers are reminded that once papers have passed through the proof stage they appear on line, it may be some while before they appear in the printed Bulletin.

If you have not yet done so, why not enrol with Springer Alert and you will be e.mailed the details of the papers to be published in each issue, in advance.

Brian Hawkins

PROGRESS OF IAEG WEBSITE

By Giorgio Lollino

The current IAEG.INFO website is being maintained and it has also been improved with new content/facilities. These activities include the following performed operations:

1. Update of the website with the new executive committee and contacts (the colleagues who have not yet sent their information are invited to provide them as soon as possible).

2. As suggested by Sébastien Dupray, a link has been added to the LinkedIn IAEG page, recently created. It seems that this communication mean is actually encouraging discussions on IAEG matters.

3. New Highlights have been added.

4. A new drop-down menu (News) has been implemented on the top-menu of the homepage with announcements concerning editorial activities. This menu is intended to host also news coming from companies, institutions, universities, and concerning, for instance, job & career, new research advancements, products. The menu will be filled as soon as new material arrives to the editorial board. This is a good chance to inform the community of this opportunity and all colleagues are invited to provide contents for this new facility.



A Snapshot of the new home page menu with the added drop-down menu

In parallel to this activities, a new website is under preparation, with a new look, and new facilities. The beta version will be presented during the Madrid meeting on April 18th, to the president Carlos Delgado, the Secretary General Faquan Wu, the Treasurer Pierre Potherat, and the past SG, Sebastien Dupray. This will be an occasion to open the new website to discussions and suggestions. After, the website will be publicly available for a selected group of people that will contribute to the preparation of the final version to be officially presented in Moscow in September.





Marcel Arnould
(13-01-1923~13 01 2011)

OBITUARY-MARCEL ARNOULD

On Thursday 13 January 2011, Professor Marcel Arnould passed away. He had an important role in the success of the International Association of Engineering Geology and was a sage guide for our Association. Marcel was also an important reference point for the world engineering geology. His disappearance is a great loss for us all. We will remember him.

The ceremony takes place at 14:00 on January 19th at the church of Saint-Gilles, Bourg-La-Reine, Hauts-de-Seine.

A TRIBUTE TO THE MEMORY OF IAEG HONORARY PRESIDENT MARCEL ARNOULD

Professor Arnould made an important contribution to the field of engineering geology and to the development of this as an academic discipline.

He played a fundamental part in the creation of IAEG and was elected its President for the period 1972-1978. His important contribution was recognized by conferring him the title of Honorary President.

As a person he was always supportive of his colleagues whenever necessary and his desire to promote meetings, conferences and engineering congresses all over the world is known to all.

I vividly recall the very pleasant surprise he gave me when he arrived at the ceremony of my investiture as Director at the Madrid Polytechnic.

I would also like to comment on his deep sense of duty and things well done which he always maintained in spite of criticism and opposition.

His figure and trajectory will always remain as an example for all those working in engineering geology.

Carlos Delgado
President IAEG

MARCEL ANOULD INTERNATIONAL CONFERENCE

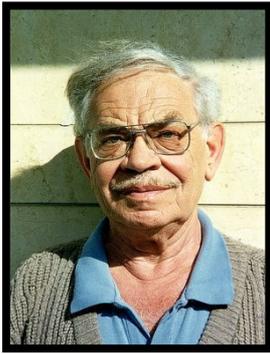
Wed Oct 12 2011 to Wed Oct 12 2011

Ecole des Mines de Paris (Mines ParisTech), 60 Bd Saint-Michel, 75006 Paris, France

The French group of IAEG is organizing an International Engineering Geology Conference in the honour of Marcel Arnould, under the auspices of IAEG.

The Marcel Arnould international Conference will be held on the 12th of October, 2011, at the Ecole des Mines de Paris (Mines ParisTech), 60 Bd Saint-Michel, 75006 Paris, France.

The Conference language will be French. Selected papers will be published by the Presses des Mines (Mines ParisTech Publisher).



OBITUARY- ASHER SHADMON

Dear Colleagues,

On Tuesday 10 May 2011, Professor Asher Shadmon passed away. He served as the first President of the International Association for Engineering Geology. He has served on the United Nations International Commission on Building Stones and was a distinguished international consultant on stone as a building material. He was one of the world's experts on marble and other building stones, having written many books on the subject.

His disappearance is a great loss for us all. We will remember him.

Submitted by: Moria Barlev Gross

DOCTOR RICHARD WOLTERS(01.05.1921-07.03.1981) ON THE 90TH ANNIVERSARY

By SHIBAKOVA V.S.



May 1, 2011 marks 90 years since the birth of Richard Wolters who entered the history of the world engineering geology as the outstanding Secretary General of the International Association of Engineering Geology (IAEG) (1972-1981). His name is on a par with the names of the founders and first presidents of the IAEG—A. Shadmon, K. Zaruba, M. Arnould, E.M. Sergeev. The fruitful activity of R. Wolters contributed to development of the Association—increasing the number of its members, amount and quality of the publications, quantity and level of the scientific activities, interaction and cooperation with international geological communities. The article considers some corresponding aspects of R. Wolters's activity: creating the new information organ «News letter» and an outstanding scientific periodical journal with a large number of serious publications, modernizing the IAEG Bulletin, establishing the

honorary IAEG award—the Hans Cloos medal, publishing and distributing the IAEG Declaration, creating the atmosphere of cooperation and mutual respect in the Association.

REPORTS ON CONGRESS IAEG 2010

(4 – 10 SEPTEMBER 2010)

By Ann Williams

New Zealand sits astride the leading edge of the Australian plate where it converges with the Pacific basin in a mobile margin of subduction, shearing, volcanism and uplift. A land of mountains, faults, earthquakes, volcanoes, sensitive soils, weak rock, landslides, rivers and coastlines – these things characterize New Zealand. It follows that the theme selected for IAEG2010 was Geologically *Active*.



And while some of you had suggested that we arrange a volcanic eruption as part of the Congress, most of you will be aware that an M 7.1 earthquake occurred in Christchurch at 4.36 am on the morning of the first of the pre-Congress meetings, causing widespread liquefaction and lateral spreading damage. Appropriately, the first speakers at the Congress included Dr Susumu Yasuda on liquefaction and Dr George Hooper on behalf of the NZ Earthquake Commission (EQC), Principal sponsor of the Congress. The EQC provides Government backed cover in the event of ‘natural’ disasters. More recently (February 22, 2011) an M 6.3 earthquake occurred at 1 to 2 km depth, on a perhaps 8 km length of fault dipping below the Port Hills in the southern part of Christchurch, generating PGAs of up to 2g, significantly more damage to older structures, rock fall and some 180 deaths triggering more learning and the realization that new innovations in technical approaches and the planning of our cities is overdue.

IAEG2010 saw the *active* participation of some 706 people from 46 countries, including 605 delegate registrations and 569 published papers. Further copies of the Proceedings (keynote and invited papers book [350 pp] + delegate papers CD-ROM [4600 pp]) are available from [CRC Press](#) or [Taylor & Francis](#).

The Young Professionals’ day was supported by 51 young professionals, with highlights including a mentoring breakfast, the contesting of the Richard Wolters Prize (won by Darren Paul of Australia and audience award going to Helen Reeves of the UK) and an afternoon out on the Waitemata Harbour in America’s Cup yachts. A new Young Professionals’ Commission (C30) was established as a result, with representatives from 11 countries currently corresponding via facebook. Contact Beverley Curley (beverley.curley@GHD.com) if you would like to join this group.

Other key events included meetings of the Executive and Council of the IAEG, the Hans Cloos lecture awarded to Dr Martin Culshaw, keynote presentations, congress sessions, commission meetings, poster presentations, The Great Debate and the Great Kiwi BBQ.

Increasingly as engineering geologists we are operating at the margins of our experience. We are tunneling deeper, cutting taller slopes, occupying more marginal land. IAEG2010 brought together engineering, science and practice to focus on the very real effects of active geological processes on communities and infrastructure and their development. I hope that IAEG2010 has altered in some way, the way in which we approach future projects and research, with the outcome of improved practice and more resilient communities.

Enormous thanks to the team that gave so much to make it happen! We enjoyed having you all!

www.iaeg2010.com will remain live until May 2011! Check out our photo gallery - you may well be there!

REPORT ON THE 8TH ASIAN REGIONAL CONFERENCE

By Ann Williams



The conference ICUST (International Conference on Underground Space Technology) together with the “8th Asian Regional Conference of IAEG”, was organized by IAEG, Indian Society of Engineering Geology (ISEG) and the National Institute of Rock Mechanics (NIRM) in Bangalore, India, 17-19, 01,2011. The conference brought together engineering geologists and rock mechanics engineers. Some 200 delegates attended. Ann Williams read the congratulation address from the president of IAEG, Carlos Delgado, as part of the opening ceremony.

Yogendra Deva, the secretary general of IAEG Indian National Group, announced the loss of Marcel Arnoud, and Brian Hawkins talked about his work and contribution to the IAEG. This was particularly special given the matters raised by Marcel in the last year or so. A minute’s silence was observed.

The organisers had hoped that in the order of 300 would attend, but the Chinese, Iranian and Spanish delegations, a keynote speaker from the US and others did not attend primarily because they could not obtain visas and the organisers felt that the conference was not sufficiently widely advertised.

The overall technical standard of the conference was excellent. A number of highly regarded engineering geologists and rock mechanics geologists and engineers gave invited presentations. The conference was run as a single session and it was found the presentations stimulating and in particular, the post-presentation debate to be open, honest and therefore very fruitful.

A Recommendations Committee identified the key issues arising from this debate that could be taken forward to recommendations for best practice. Ann Williams was asked to chair the committee which was a great opportunity to discuss openly key issues facing engineering

geologists in industry and academia in India. The final document is available on-line at www.isegindia.org.

It would appear that there are a large number of hydro-projects underway or to proceed in the near future, but there is concern that an appropriate level of training of staff involved in the projects, in particular in engineering geology, is not available and an appropriate level of investigation is not being carried out.

Dr Nick Barton commented that he and Niek Rengers had the same training background, but Niek went the way of engineering geology (IAEG) and Nick took the rock mechanics route (ISRM), and their paths had not crossed in the last 20 years. This is an interesting observation because it became evident in the course of the proceedings that this lack of communication between these overlapping groups extended to practise in projects and mutual frustration. Let's keep this in mind and endeavour to initiate more cross-over meetings!

Other Observations-from Ann Williams

1. It was very unfortunate that only two international IAEG members attended the conference, in particular given:
 - a. Faquan's efforts to restore an active relationship with India; and
 - b. ISEG is strong and members do not see the added benefit of joining IAEG.
 2. A number of Young Professionals attended and I have obtained contact details of a group of enthusiastic YPs interested in joining the IAEG YP group. I have passed the objectives and contacts to this group and their contact details to the IAEG YP group lead.
 3. Participants are interested in liaising internationally and we need to facilitate this via the new IAEG website and linked-In. IAEG needs to show its interest and support by continuing to interface and deliver. India faces a shortage of skilled engineering geologists and engineering geological training – how can we help?
-

INTERNATIONAL SYMPOSIUM ON EARTHQUAKE INDUCED LANDSLIDES AND DISASTER MITIGATION AT THE THIRD ANNIVERSARY OF THE WENCHUAN EARTHQUAKE

By Tang Chuan

“International Symposium on Earthquake Induced landslides and Disaster Mitigation at the Third Anniversary of the Wenchuan Earthquake” was held in Chengdu , China on May 12-14, 2011. The Symposium was hosted and organized by the State Key Laboratory of Geohazard Prevention and Geoenvironment Protection, Chengdu University of Technology and sponsored by the National Natural Science



Foundation of China and the China Group of IAEG. There were more than 160 experts from 10 countries (Japan, Indonesia, Netherlands, Norway, UK, Sri Lanka, France, Russia, Italy, China) attended this symposium. 39 presentations include 9 keynote speeches were made in this symposium.

The purpose of this symposium is to provide a forum for discussion among researchers and other professionals involved in studies of earthquake induced landslides and disaster mitigation. The main topics include seven aspects:

1. Post-earthquake inventories of landslides and cascading hazards, such as caused by landslide dams
2. Assessment of seismic landslide susceptibility and hazard
3. Mechanisms of seismically induced permanent deformations in slopes
4. Effects of climate change on landslide risk in seismic hazard zones
5. Impact of earthquakes on the landslide and debris flow evolution
6. Monitoring, prediction and early warning of landslides and debris flows
7. Symbiotic approaches for disaster mitigation

The symposium was fruitful and successful. It enhanced further understanding of earthquake induced landslides.

INFORMATION OF ENGEOPRO-2011

EARLY-BIRD REGISTRATION DEADLINE IS JUNE 1ST, 2011

By Viktor I. OSIPOV

The international conference under the aegis of IAEG "Environmental Geosciences and Engineering Survey for Territory Protection and Population Safety" (EngeoPro-2011) will take place in Moscow, Russia, on September 6-8, 2011. The conference is hosted by the Russian Academy of Sciences, the Ministry for Emergencies of the Russian Federation, the National Union of Russian Surveyors, and the Russian national group IAEG with participation of the Sergeev Institute of Environmental Geoscience RAS. Topics of the conference will deal with natural hazards and risks: their investigation, analysis, monitoring, modeling, prediction, prevention, and management; engineering survey for rational use of territories and providing population safety; engineering protection of territories under the impact of various natural and natural-anthropogenic hazards; and socio-economic aspects of engineering protection.

Meetings of IAEG Executive Committee and Council will be held on September 4-5, 2011 on the occasion of this Conference.

By the middle of March 2011, above 240 delegates from 29 countries have already registered for the conference. More than 200 abstracts have been received and have been passed to reviewers, with the abstract submission deadline having been postponed till March 31. Such prominent geoscientists as Prof. Carlos Delgado (Spain), Prof. Runqiu Huang (China), Dr. Helen Reeves (United Kingdom), Prof. Victor Osipov (Russia), Prof. Boris Porfir'ev (Russia), etc. are expected to present key-note lectures at the conference. A broad social program has been developed, which is described in the second announcement issued. The early-bird registration is valid until May 15, and IAEG members and non-members, students, and accompanying persons are welcome to register.

On <http://www.engeopro2011.com> you may find the updated information about the Conference

PROGRESS OF THE 12TH IAEG CONGRESS

By Giorgio Lollino

For the 2014 IAEG congress in Turin, companies have been contacted that will take care of the organization. A draft of the official website for the management of the congress activities is under discussion.

ACTIVITIES OF NATIONAL GROUPS

THE NETHERLANDS

By Peter N.W. Verhoef

In The Netherlands the IAEG is represented by the INGEOKRING, which is the specialist group of Engineering Geologists of the KNGMG (Royal Geological and Mining Society of The Netherlands). The group has about 175 members, of which 39 are member of the IAEG.

The INGEOKRING has its own Newsletter, which appears at least once a year and mostly with a theme that is linked to the yearly Engineering Geology symposium, commonly held in autumn. The theme of the Newsletter of summer 2010 is "Special Site Investigation Techniques", which was the theme of the 2009 symposium. The newsletter and also copies of the Newsletters of the previous years can be found on the website of the Ingeokring (www.ingeokring.nl), which has been completely renewed this year.

The INGEOKRING board consisted in 2010 of: ir. Joost van der Schrier (chairman), ir. Sanne Brinkman (secretary), ir. Anneke Hommels (treasurer), ing. Wim Verwaal (member, ISRM representative), dr. Peter Verhoef (member, IAEG representative) ir. Jordy Mollé (member) and Jan-Willem Vink (student representative TU Delft).

The INGEOKRING members are well represented in the Dutch civil engineering industry and the board sees it as its duty to maintain close contact with the students and staff of the Geo-Engineering section of the Faculty of Civil Engineering & Geosciences of Delft University of Technology (TU Delft). Students are always involved and invited to excursions and lectures organized. The INGEOKRING established a prize for the best MSc thesis in the field of Engineering Geology made in a Dutch university. The prize is given each 2 years and is meant to promote excellent research and encourage and stimulate working in the field of applied earth sciences and civil engineering. Next prize will be awarded in autumn 2011.

In May 2010 an excursion was held to Wageningen, where we held our annual meeting. Apart from the formal meeting, a lecture was held by ir. Lennart van Baalen (Visser & Smit Hanab) on a pilot project where a method was used called Biogrout, in which bacteria are injected in the subsurface to cement a loose gravel layer, through which a horizontal directional drilling was made for a 122mm steel gas pipeline under the river Waal. The group of 25, which included family members and children, went on an excursion to view the evidence of the glacial past of the surroundings of Wageningen (ice-pushed ridge and glacial valley). The excursion was led by ir. Oscar Mooijman. Then we went to see the progress of the Biogrout project. (The Biogrout was successfully injected and also the gas pipeline has been installed successfully under the river Waal.)

The theme of the yearly symposium, which was held on December 17 was "Mining and Dredging". Despite a day of severe snowfall and traffic congestions, the symposium was attended by about 50 people. Topics discussed were: Predicting and monitoring dredged sand quality for the Maasvlakte 2 reclamation project (ir. Fedor Meulenkamp, Boskalis Westminster); Deep sea mining and other innovations in dredging (ir. Johan Pennekamp, Deltares); Marine diamond mining using ROV technology (ir. Lennart van Baalen, Visser & Smit Hanab); On-shore mining: excavation and haulage in lignite mines (dr.ir. Robrecht Schmitz, RWE).

ACTIVITIES OF COMMISSIONS

C24: Neotectonics and natural hazard

The Seminar on Geo-hazards Held in Xi'an, China

By Yongshuang Zhang

On Feb.21~25, 2011, a seminar on Geo-hazards has been held in Xi'an, China. The seminar was organized by the International Consortium on Landslides ICL, China Geological Survey(CGS) and Commission 24 of IAEG together. Totally about 200 delegates attended the meeting, which including Prof. Kyoji Sassa, the Executive Director of International Consortium on Landslides, Prof. Dwikorita Karnawati from Gadjah Mada Univeristy, Indonesia, Prof. Edwin Lynn Harp from USGS, Prof. Anders Solheim from Norwegian Geotechnical Institute, Prof. Wang Fawu from Shimane University and other experts from China. The Seminar was chaired by Prof. Yin Yueping, the Chairman of IAEG-C24. Five keynote lectures regarding the risk assessment technology, the

mechanism, and the early warning on geo-hazards etc had been given by the above mentioned oversea experts. This seminar is very successful, and it played an important role in academic exchanges and natural hazards preventions for researchers from different countries.



Group photo of some participants

Prof.Heinz Konietzky was invited to pay a visit to Institute of Geomechanics, CAGS

By Peter N.W. Verhoef

Invited by Chinese Academy of Geological Sciences and C24 of IAEG together, Dr. Heinz Konietzky, the chairman of Education Committee under International Society for Rock Mechanics, paid a visit to Institute of Geomechanics



on March 21, 2011. During his visiting process, Dr. Heinz Konietzky gave a presentation on Numerical Simulations on Geohazards -Stress-Tectonics, which including a brief introduction on numerical modeling techniques and his mainly achievements on numerical simulation of geological processes from macro tectonics to micro particles, especially in relation to the shear strength reduction techniques, discontinue modeling and numerical modeling, as well as sophisticated hydro-mechanical coupling with time-dependent material behavior. Dr. Heinz Konietzky hopes to make chance to enhance the contact with C24 of IAEG.

C25: Use of Engineering Geological Models

By Steve Parry, Chairman of C25

A meeting of C25 was held at the IAEG Congress in Auckland. It was agreed that closer

collaboration would be made with other commissions, in particular C22 “landscape evolution and engineering geomorphology”. A paper on engineering geological models was presented at the conference by the chair of C25.

Following this meeting a draft document “Introduction to Engineering Geological Models” was placed on the C25 website in January 2011 for comment. It anticipated that this document will be published in the Bulletin once comments have been received.

The Commission aims to build on this document and the discussions held at Auckland during 2011. The commission Chair has been invited to organize a session on Engineering Geological Models at the 34th International Geological Congress in Brisbane in August 2012.

C28: Reliability quantification of the geological model in large civil engineering projects

- CALL FOR MEMBERS AND START OF ACTIVITIES

By Antonio Dematteis, Chairman of C28

C28 was established in September 2009 during the 7th Asian Regional Conference of IAEG in Chengdu, in order to continue at a larger and international scale the work started in 2007 by the Italian Commission having the same title. The Italian Commission has published a Guideline in 2010 (http://www.iaeg.it/?page=comm_02) that the C28 consider as his starting point. A new translation in English of this Guideline is now available.

During 2010 the activity of C28 started with the call for commission members, which is already open. Commission members are experts located around the world selected upon their experience by the commission Chairman. By the end of June 2011 a list of members will be defined and published on the IAEG web site, and commission works will officially start. A comprehensive guideline is scheduled for the 2014 Int. IAEG Congress in Turin, Italy.

Objective of C28: Develop guideline for the quantification of reliability of geological model in large civil engineering works (e.g. tunnels, dams, roads, and underground works). Provide reliable expressions of reliability/uncertainty of the geological, geotechnical, geomechanical and hydrogeological conditions affecting the works.

Tasks:

- List methods for collecting, organizing and analysing geological data;
- List examples of already done big civil works where the quantification of geological reliability affected the project development.
- Examine the role of the geological investigations for improving model reliability
- Integrate the quantification of geological reliability in risk analysis; this should improve the effectiveness of risk sharing in contracts between the Owner, the Engineer and the Contractor.
- Develop and maintain a dedicated area within the IAEG web site
- Organize workshops via IAEG web site and meetings
- Present a comprehensive report and guideline at 2014 Int. IAEG Congress in Turin, Italy

Please note that C28 membership is not limited for IAEG members. Further inscription of members to their national IAEG Group is always possible.

OTHERS NEWS

- 11th International Symposium on Landslides and Engineered Slopes and 2nd North American Symposium on Landslides
June 2 - 8, 2012
Banff Springs Hotel, in Banff, Alberta, Canada,
For more information: www.ISL-NASL2012.ca
 - AEG•2011
The 54th Annual Meeting of the Association of Environmental and Engineering Geologists
September 19-24, 2011
Hilton Anchorage, Anchorage, Alaska, USA
For more information: www.aegweb.org
 - The 12th ISRM International Congress on Rock Mechanics
October 18-21, 2011
China National Convention Center (CNCC), Beijing, China
For more information: www.iserm2011.com
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