



IAEG Electronic Newsletter nr. 5

February 2010

From the website editor:

This is the **nr 5 Electronic Newsletter** of the IAEG. It will be sent to those IAEG members who are registered through the IAEG website, and to the IAEG officers, and IAEG National Groups and Commissions. The Electronic newsletter is also accessible through the IAEG website (www.iaeg.info)

The announcements and agenda contained in this Newsletter will also be published on the IAEG Website www.iaeg.info . For further information, documents, etc., reference is made to the website.

Please also open our website regularly. We regularly place a new highlight on important happenings or future developments, with focus on the persons who are involved and are usually illustrated with a photograph

If you have suggestions for such a highlight or other news or announcements that are of interest to our worldwide membership and thus are worth to be published through this Newsletter or through our IAEG website do not hesitate to send it to me.

Niek Rengers, website editor (rengers@itc.nl)

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SPAM filter !!!!!!!

This Electronic Newsletter is sent to all persons registered at the website. Some SPAM-filters however block messages that are sent to many persons at the same time. Please check that the SPAM filter of your server is instructed to not block messages from the IAEG webmaster

1. IAEG General Secretariat News

Call for IAEG Officers

Executive committee

In 2010, the IAEG Executive Committee will be renewed and a call for IAEG officers is ongoing. Please remember that nominations should be forwarded by the 5th of May 2010.

A document accessible via the homepage of the IAEG website (www.iaeg.info) summarizes how to present a nomination.

Webeditor

Niek Rengers will stop with his work as IAEG Website and Electronic Newsletter editor before the end of 2010. Webmaste Boudewijn van Veen will remain working for the website., We invite IAEG members who would like to take over Niek's task to contact Sebastien Dupray, IAEG Secr. General.

Hans Cloos Medal 2010 for Prof. Martin Culshaw

The "Hans Cloos Medal" is the senior award presented by IAEG, given to an engineering geologist of outstanding merit in commemoration of Hans Cloos, the "founder of geomechanics". The recipient should therefore be a person of international repute who has made a major contribution to engineering geology in his/her written papers or to the development of engineering geology and/or the IAEG in their own area. The Executive Committee of the IAEG has decided during its meeting in Chengdu to award the 2010 Hans Cloos Medal to Prof. Martin Culshaw from the UK.



Martin Culshaw is an independent researcher and consultant. Till April 2008 he was Director of Environment and Hazards at the British Geological Survey (BGS) and the Survey's Chief Engineering Geologist. He has been involved in engineering geological research, environmental and engineering geological mapping, geohazard assessment, site investigation, urban geoscience and the application of geology to land-use planning for over thirty eight years. During this time he has spent a number of years overseas in Asia, Africa, Europe and Central America.

He is Visiting Honorary Professor in Engineering Geology in the School of Civil Engineering at the University of Birmingham and an Honorary Research Associate at the BGS. He has published over one hundred and forty papers, books and articles and over a hundred and ten technical reports for the BGS, UK and overseas government departments and private clients. He edited nine conference proceedings, as well as organising numerous meetings and conferences and has served on three journal editorial boards.

He is currently an Assistant Editor of the Quarterly Journal of Engineering Geology and Hydrogeology. He received the Engineering Group of the Geological Society's Award for 1989 and was the Geological Society's Glossop Lecturer in 2004, receiving the Glossop Medal, and received the E B Burwell Jr Award from the Geological Society of America in 2006.

For the International Association for Engineering Geology and the Environment, Martin served for many years as Chair of Commission 1 "Engineering Geological Mapping" and played a central role in the organisation of the 10th IAEG International Congress in 2006 in Nottingham, of which he also edited the Proceedings. He was a member of the IAEG UK National Group Committee from 1983-87 and 1989-92, Vice-Chair from 1992-94, Chair from 1994-96 and the IAEG UK representative on Council from 2002-06. He is currently a member of Commission 25 "Use of Engineering Geological Models".

The Hans Cloos Medal will be awarded to Martin Culshaw in Auckland in 2010, during the 11th IAEG International Congress.

Next meetings of the IAEG Council and Executive Committee

The 2010 meetings will be held in Auckland, New Zealand, September 2010, before the 11th *International Congress of the IAEG* Saturday Sept. 4: Executive Committee and Sunday Sept 5: Council

For a complete list of Executive Committee members (including all regional vice-presidents) with their photographs and contact details see the IAEG website at: <http://www.iaeg.info>

Richard Wolters Prize 2010

The **Richard Wolters Prize** has been awarded biannually since 1986 to commemorate the life and work of Dr Richard Wolters, for his significant achievements in the advancement of engineering geology and for his important role in the development of the IAEG.

The **Richard Wolters Prize** specifically recognises meritorious scientific achievement by a younger member of the engineering geology profession (less than forty years old on 1st January 2010) and is awarded to honour Dr. Wolters' many contributions to international understanding and co-operation. Please refer to the IAEG website for further information www.iaeg.info/AboutIAEG/Awardsandprizes/RichardWoltersprize/tabid/74/Default.asp

At its meeting in Madrid in September 2008 the IAEG Council decided to try out in Auckland for the first time a new procedure leading to the award of the Richard Wolters Prize. Visit the IAEG2010 website (www.iaeg2010.com) for further details

The fee structure for IAEG membership as from January 1st 2008

		Without Bulletin	With Bulletin
Members of National Groups	Normal fee	12 Euro	37 Euro
	Reduced fee	4 Euro	29 Euro
Individual Members		25 Euro	50 Euro
Associated Members		150 Euro	150 Euro

2. IAEG website

Registration at the website

Since 2008 more than 900 persons registered for access to the IAEG website (www.iaeg.info). Such registration at the website will make that they will receive our electronic Newsletter, but does not mean subscription as a member of the IAEG. This must be done separately through an existing National Group (see for the contact details the list of IAEG National Groups on our website), or through the Secretariat General of IAEG for those countries where no National Group exists. At regular time intervals we will check if web registered persons are also subscribed at their national group or at the Secretary General. If website registration is not supported by official IAEG subscription, then the website registration will be cancelled by the webmaster.

Commission pages at the IAEG website are reconstructed

The webmaster Boudewijn van Veen (webmaster@iaeg.info) and web-editor Niek Rengers (rengers@itc.nl) are presently reconstructing the webpages of the IAEG Commissions on our website (www.iaeg.info) in order to improve the transfer of useful information from the Commissions to the IAEG membership. Main characteristic of this reconstruction is that the Commissions will have an attractive opening page and will have separate tabs giving access to useful information such as Relevant Textbooks and Journal Papers, Standards, Guidelines, as well as a Glossary of Terminology pertinent to the topic of the Commission., This reconstruction takes place in close contact with the Commission chairs and will hopefully be completed before the summer of 2010.

3. The 7th Asian Regional Conference of IAEG from September 9-11 2009 in Chengdu, China

Over 200 scientists from 30 countries from all continents participated in this conference (see also the top photograph on the homepage) to discuss typical engineering-geological problems in major construction projects in different countries and to offer recommendations for large engineering construction. The State Key Laboratory of Geo-hazards Prevention and the Chinese national Group of IAEG took the initiative two years ago to organize this IAEG Regional Conference.



The conference received 131 full papers and 82 abstracts, including 12 from keynote speakers and invited speakers. All these papers were edited and printed in the proceedings before the conference started. Presently a proceedings book is under preparation in which the keynotes, the invited papers, and a selection of the most outstanding papers will be printed.

4. The 11th IAEG Congress (IAEG2010) in Auckland New Zealand 5-10 September 2010 (www.iaeg2010.com)

IAEG 2010 - Geologically Active !

Planning is well underway for the 11th Congress of the International Association for Engineering Geology and the Environment (IAEG), in Auckland in 2010. IAEG 2010 is proudly hosted by the New Zealand Geotechnical Society Inc. (NZGS) and will be a five-day congress including a day of field trips mid-week, preceded by meetings of the IAEG Executive, Council and presentations for the Richard Wolters Prize. While Geologically Active is the principal Congress theme, the five sub-themes that will recur throughout the week are:

- geohazards on at the leading edge, focussing on identification and evaluation of natural hazards;
- managing geological risk, focussing on approaches to hazard mitigation around the world;
- advances in engineering geology, addressing state of the practice ;
- applied engineering geology, examining the interaction of geology, water and structures;
- evolving engineering geology, bridging the gap between scientists, engineers and non-practitioners into the future.

The themes of IAEG2010 extend beyond engineering geology and the congress aims, at least in part, to bridge the gap between science and practise. The congress and post-congress field trips will introduce delegates to the active geological environment and outstanding landscapes of New Zealand.

5. The 12th IAEG Congress (IAEG2014) where ???

Two nominations for the venue of the 12th International Congress of IAEG in 2014 have been received: Brazil and Italy. The Council meeting of IAEG on September 5 in Auckland, New Zealand will decide which nomination will be accepted. A short announcement about both nominations is given here.

Torino (Italy) Candidate City for the 12th IAEG INTERNATIONAL CONGRESS in 2014.

Turin is internationally well known as centre of scientific and technological excellence and hosts a Polytechnic and a University. Its territory, the Piedmont Region, is highly prone to hydrogeological instability and has large infrastructures under construction, such as a metro and an high velocity railway. In 2006 Turin was renovated to host the Olympic Winter Games and so offers several facilities and a large number of hotels with fast connections with the Conference venue, the famous Lingotto Conference Centre, which also hosts the FIAT headquarters. Turin holds a strategic position in Europe, with good connections through highways, railways and International and Intercontinental Airports.



Turin

São Paulo (Brazil) Candidate City for the 12th IAEG International Congress in 2014

ABGE (Associação Brasileira de Geologia de Engenharia e Ambiental), the Brazilian National Group of IAEG, is happy to submit the candidature of **São Paulo** for hosting the 12th International Congress of IAEG in 2014.

2014 will be unique for the Engineering Geology in Brazil.

Major infrastructure developments due to the 2014 FIFA World Cup and the 2016 Olympics in Rio de Janeiro are expected to boost the demands for Engineering Geology works and environmental solutions.

ABGE, the Brazilian National Group, will be honoured to organize the 12th International Congress in the city of São Paulo and to celebrate with all IAEG members the 40th anniversary of the Second International Congress held in São Paulo – a bench mark for the development of Engineering Geology in Brazil.



Sao Paulo

6. The Bulletin of Engineering Geology and the Environment

The Bulletin is issued every quarter, in February, May, August and November, each part having approximately 150 pages. The publishers, Springer, are happy to include diagrams and photographs in colour, at no cost to the authors.

Reflecting the membership of the Association, the Bulletin includes contributions from all over the world and covers a wide range of engineering geological topics. It is included in the Science Citation Index.

As soon as the proofs are accepted, papers are published On-Line with their own DOI reference. Following this, they are included in the hard copy publication which is widely distributed.

For members of IAEG, a subscription to the Bulletin costs only 25 euros per year. You will then receive a hard copy directly from Springer or through your National Group four times per year and be able to access the full papers on-line at any time. Without a subscription to the Bulletin, you can read the abstracts, but will be charged to download full text papers.

The most recent issue of our Bulletin is Volume 69 – Number1 – February 2010) It contains 18 original papers and discussion contributions, the titles and abstracts of which can be accessed at springerlink.com. Soon the website will also show the abstracts of the most recent papers published in the Bulletin.

Online connection to the Bulletin of Engineering Geology and the Environment (Springer)

A new service has been provided in 2009 that will now be continued for the benefit of all IEAG individuals. Electronic access to the BEGE is possible for all subscribers with means of a “token”.

This token is personal and is provided by the IAEG Secretariat to your National Group Secretariat once all the required formalities are completed. With this token you have full access to the current issues but also to all the

older issues of BEGE.

7. Free accessible important sources of information (via the IAEG website)

All ISRM News Journals since 2003

The first issue of the ISRM News Journal was published in 1992, as an initiative of the Board chaired by Prof. Charles Fairhurst. Until 2003 the News Journal was published in paper form and mailed to all members of the ISRM. The ISRM Board decided that, from 2004 onwards, only one issue per year would be printed on paper, whereas the other ones would be distributed electronically only.

All papers from: Landslide Processes – From Geomorphologic Mapping to Dynamic Modelling

Free access to all papers presented at the International Conference : Landslide Processes – From Geomorphologic Mapping to Dynamic Modelling in Strassbourg France 6-7 February 2009.

IAEG 9th congress, Engineering Geology for developing countries.

Proceedings with all papers of the 9th IAEG International Congress, Durban 2002.

IAEG2006 - Engineering geology for tomorrow's cities

Proceedings with all papers of the the 10th IAEG International Congress, Nottingham, United Kingdom, 6-10 September 2006

Engineering Geology and Protection of Ancient Monuments and Archaeological Sites

This file contains photographs, technical descriptions and key reference papers of the Engineering Geological aspects of a large number of Ancient Monuments and Archaeological Sites included in the World Heritage list of UNESCO. The sites described are listed by country in alphabetical order.

Online Job Listing Service and CV Search Facility

The Geological Society of London has launched a new and improved online job listing service and CV Search Facility. Job seekers are invited to visit the job listings page, www.geolsoc.org.uk/joblistings and use our improved search functions to find the job that is right for you.

Paul G. Marinos, METRO OF ATHENS. THE SIGNIFICANCE OF UNDERSTANDING THE GEOLOGICAL MODS, Pdf (16 Mb)

Paul G. Marinos, THE TUNNELS OF EGNATIA HIGHWAY: CONSTRUCTION IN A DIFFICULT GEOLOGICAL , Pdf (14 Mb)

Paul G. Marinos, TUNNELLING IN DIFFICULT GEOLOGICAL CONDITIONS AND GROUND, Pdf (29 Mb)

Paul G. Marinos, TUNNELLING THROUGH KARSTIC ROCK, Pdf (4 Mb)

Total Geology by Peter G. Fookes, Frederick J. Baynes and John N. Hutchinson

This tutorial package aims to help site investigators and financial decision makers anticipate ground conditions which are likely to influence construction. It is based on a paper presented by Peter G. Fookes, Frederick J. Baynes and John N. Hutchinson at Geo2000 in Melbourne in November 2000.

8. Calendar

2010

Delft, The Netherlands 4-5 March 2010 : Training Course: 3D Finite Element Analysis for Geotechnical & Tunnel Engineering. TNO www.geodelftacademy.nl

Houston - Texas USA 19 March, 2010 : ADSC Drilled Shaft Foundations Seminar and Exhibits. Doubletree Hotel, Houston Intercontinental www.adsc-iafd.com

Madrid, Spain, March 23-26, 2010 : [Advanced Geosciences Europe, S.L.](http://www.advancedgeosciences.com) Combined 4 day Resistivity Imaging short courses given by Dr. Hasan Aktarakci hasan@agiusa.com

Huntington Beach, California, USA 9-11 May 2010 : 2nd International Symposium on Cone Penetration Testing (CPT'10) www.cpt10.com

Guaruja, Brazil, 23-27 May : 9th International Conference on Geosynthetics www.9icg-brazil2010.info

Milano, Italy 24-26 May 2010 : Debris Flow 2010 , <http://www.wessex.ac.uk/debris2010rem3e.html>

London, UK 20 June, 2010 : Seminar: Geotechnical Advances in Urban Renewal: info@tnodiana.com

Milan, Italy, June-July 2010 Four Short Courses in Rock Mechanics/ Engineering Geology by Prof. Kulatilake from the University of Arizona www.ichotelsgroup.com/h/d/ex/1/en/hotel/milwe

Bulgaria, Albena Resort 20 - 26 June 2010 : International Multidisciplinary Scientific GeoConference & EXPO – SGEM 2010 <http://www.sgem.org>

Lausanne, Switzerland, 23-25 June 2010, – ISRM European Regional Symposium of Rock Mechanics: an ISRM Regional Symposium www.isrm.net/conferencias/

Seoul, Korea 23-25 June 2010 : Twin International Conferences *Geotechnical and Geo-Environmental Engineering* www.cipremier.com

Tallinn, Estonia 12-14 July 2010 : 5th Int. Conf. on Waste management and the Environment, <http://www.wessex.ac.uk/waste2010rem2e.html>

Chiang Mai, Thailand; 28-30 July 2010 : International Conference on Slope Thailand 2010 : Geotechnique and Geosynthetics for Slopes www.slopeconference2010.com

Kokomerren Kyrgyzstan July 30 - August 14 2010 : Summer School on Rockslides and related phenomena. www.iclhq.org

Maringá/PR Brazil; August 8 – 11 2010 : 7^o Simposio Brasileiro de Cartografia Geotécnica y Geoambiental www.7sbcgg.abge.com.br

Auckland, New Zealand, September 5 to 10 2010 *The 11th Congress of the International Association for Engineering Geology and the Environment. (IAEG2010)* www.iaeg2010.com

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- evolving engineering geology, bridging the gap between scientists, engineers and non-practitioners into the future.

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Meetings of IAEG Executive Committee and Council before the IAEG Congress on Sept 4, and 5 2010

Algarve, Portugal 14 - 16 September 2010 Fifth International Conference on Prevention, Assessment, Rehabilitation and Development of Brownfields Sites www.wessex.ac.uk/brown2010

Shanghai, China, Sep. 16-17, 2010 : 1st International Conference on Information Technology in Geo-Engineering ICITG-Shanghai 2010 <http://www.geotec.tongji.edu.cn/ICITG2010>

Naples, Italy, 16-18 September 2010 : COST Action C26 International Conference "*Urban Habitat Constructions under Catastrophic Events*" www.civ.uth.gr/cost-c26

Mendoza, Argentina 6 to 9 October 2010 XX CONGRESO ARGENTINO DE MECÁNICA DE SUELOS E INGENIERÍA GEOTÉCNICA www.camsig2010.com.ar

Queretaro, Mexico 17-22 October 2010 : EISOLS 2010 (Eighth Int. Symp. On Land Subsidence) eisols@geociencias.unam.mx

2011

Bangalore, India 17-19 January 2011 : International Conference on Underground Space Technology (ICUST-2011), jointly with National Institute of Rock Mechanics (NIRM). **The 8th Asian Regional Conference of the IAEG** will also be held along with the ICUST-2011. www.icust2010.com

Dallas Texas USA, 13-16 March 2011 : Geo-Frontiers 2011: Advances in Geotechnical Engineering <http://www.geofrontiers11.com/>

Athens Greece 12 – 15 Sept 2011 : 15th European Conference on Soil Mechanics and Geotechnical Engineering: "Geotechnics of Hard Soils-Weak Rocks" www.athens2011ecsmge.org

Beijing, China 16-21 October 2011 – ISRM 12th International Congress on Rock Mechanics: the 2011 ISRM International Congress www.isrm2011.com

9. Websites of geo-engineering associations, societies

www.issmge.org **International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)** : access to News Bulletin, announcements, calendar, etc.

www.isrm.net **International Society for Rock Mechanics (ISRM)** : access to news, announcements, calendar, etc.

www.ita-aites.org **ITA International Tunnelling Association**

www.iugs.org **International Union of Geological Sciences**

www.geolsoc.org.uk/gsl/groups/specialist/engineering **Engineering group of the Geological Society of London** : access to news, announcements, calendar, etc. info@geolsoc.org.uk

web.uvic.ca/~iugsgem/newsletters.htm **IUGS Commission Geoscience for Environmental Management** The Newsletter includes a lot of interesting information.

www.icold-cigb.org **ICOLD International Commission on Large Dams**

www.geosyntheticssociety.org **IGS International Geosynthetics Society**

www.geo.uio.no/IPA **International Permafrost Association** : access to pdf files of all issues of the News Bulletin *Frozen Ground*

www.aegweb.org **AEG Association of Environmental and Engineering Geologists, USA** : access to news, announcements, calendar, etc.

www.iahr.org **International Association of Hydraulic Engineering**

10. Other valuable sources of geoengineering information

www.geodelftacademy.nl/EN/page140.asp Deltares Academy in Delft, the Netherlands organizes continuing education courses in the field of geo-engineering for practitioners, taught by practitioners.

www.dfi.org/eupdate/currenteupdate.html Deep Foundations Institute : a technical association of firms and individuals in the deep foundations and related industry publishing regular free Newsletters

www.geoengineer.org **The center for integrating information in geo-engineering publishes monthly Newsletters** The website has a photo-gallery. The Online Geoengineering Library now includes more than 1000 publications available online in geoengineering.

www.casehistories.geoengineer.org **International Journal of Geo-engineering Case Histories**

www.deltares.nl New central organisation in which are cooperating **Geodelft, Delft Hydraulics, Geological Survey of the Netherlands**

www.dfi.org **Deep foundations Institute**. Publishes a monthly Electronic Newsletter (www.dfi.org/eupdate) publishes a Journal and organizes conferences

www.ingentaconnect.com/content/geol/qjeg Online access to the **Quarterly Journal of Engineering Geology and Hydrogeology** of the Geological Society UK

www.ilrg.gndci.cnr.it **International Landslide Research Group (ILRG)** ILRG consists of about 450 people from 55 countries interested in regional landslide research and the application of this research in solving societal problems related to landslides. We communicate with each other mainly through the newsletter and by email and in co-sponsoring (with the Japanese Friends of the ICFL) a field trip to study landslides in various countries every three years. We have a Web site in Italy maintained by our webmasters, Fausto Guzzetti and Massimo Guadagno, and with links to several international landslide organizations.

www.iclhq.org **International Program on Landslides, Kyoto University Japan, Database of World landslides**

www.floodriskmanagement.org Welcome to the first issue of *Journal of Flood Risk Management*, a new publication for 2008, published jointly with the Chartered Institution of Water and Environmental Management (CIWEM) and Wiley-Blackwell.