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**IUGS E-BULLETIN (NO. 65, AUGUST 2011)**

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**34TH INTERNATIONAL GEOLOGICAL CONGRESS 5-10 AUGUST 2012, BRISBANE, AUSTRALIA**

To see the Second Circular of the 34th IGC 2012 being held in Brisbane, Australia, 5-10 August, visit the IGC website at: <http://www.34igc.org>. See the 2nd Circular for any IGC information including:

- A full list of symposia and topics to be presented at the congress
- The call for abstracts and the on-line abstract submission system.
- Super Early Bird registration fee offer - the lowest cost registration fee available for the 34th IGC.
- Exhibition Space (GeoSpace) Release.
- GeoHost Scheme involving the Training Workshop Program (TWP) and the Funded Delegate Program (FDP).
- A revised list of all pre and post Congress tour offerings.

To download a pdf of the 2nd Circular go to: [http://www.34igc.org/FileLibrary/34igc\\_second\\_circular\\_v9.pdf](http://www.34igc.org/FileLibrary/34igc_second_circular_v9.pdf)

**SPECIAL NOTES**

- **Super Early Bird registration is selling well. NOTE - Super Early Bird fees are only available for on-line registrations received by 30 September, 2011.**
- **Premium exhibition spaces are also selling well.**

**The Third Circular is due out in September.**

**YOUNG EARTH SCIENTIST FUNDING TO ATTEND THE IGC BRISBANE 2012.**

The IGC GeoHost Funded Delegate Program (FDP) - with a contribution from the IUGS Hutchison "Young Scientist" Foundation - has been designed to assist young Earth Scientists, and geoscientists from low-income countries, to participate in the 34th IGC as full delegates. Applications are invited from young scientists (being under 35 years of age) and scientists who live and work or study in low income countries. The number of delegates supported will be determined by the IGC budget, and will not be confirmed until early 2012. The IGC FDP is now open and all applications will be processed via the FDP website at: <http://www.34igc.org/funded-delegate-program.php>. The deadline for applications is November 1st.

The GeoHost FDP is partially sponsored by the IUGS Hutchison "Young Scientist" Foundation whose goal is the promotion of the professional growth of deserving, meritorious young geoscientists from around the world by supporting their participation in important IUGS-sponsored conferences. The Foundation honors William Watt Hutchison, IUGS Secretary General (1976-1980) and President (1984-1987), as well as Director General of the Geological Survey of Canada and Assistant Deputy Minister of Earth Sciences of the Canadian Government. His distinguished career was terminated in 1987 by his untimely death at the age of 52.

Details on the Hutchison Foundation can be found at <http://iugs.org/index.php?page=hutchison-foundation>.

**NOMINATIONS FOR THE IUGS EXECUTIVE COMMITTEE FOR THE 2012-2016 TERM**

In compliance with the IUGS statutes and Bye-Laws, in April 2011 the Nominating Committee invited all the IUGS Adhering and Affiliate Organizations and Commissions to submit proposals for candidates for each office within the IUGS Executive Committee for its next term 2012-2016. Elections of nominated candidates will take place during the IUGS meeting at the 34th International Geological Congress in Brisbane, Australia, in August 2012. Candidates may also be nominated by the Nominating Committee. If you wish to propose a candidate to be nominated by the Nominating Committee please contact the IUGS Secretariat (email: [iugs@usgs.gov](mailto:iugs@usgs.gov)) and request a copy of the nomination form, and information regarding the rules for nominations for the election of officers. The deadline for submission of nominations to the IUGS Secretariat is 30 September 2011. The Nominating Committee in particular encourages parts of the world that have not been represented in the Executive Committee for a long time to try to identify good candidates from their region.

**INVITATION TO HOST THE IUGS SECRETARIAT**

The IUGS President has circulated a request to all IUGS Adhering Members seeking their consideration of the possibility of hosting the IUGS Permanent Secretariat in their country. The IUGS Secretariat is the central hub for all correspondence to, from, and within IUGS, and its major functions are related to communications, administrative, and secretarial tasks for the IUGS Executive Committee and Council. For the past three years the IUGS Secretariat has been hosted by the U.S. Geological Survey in Reston, USA, under an agreement with the U.S. Geological Survey and the U.S. National Committee. According to the agreement with the U.S. Geological Survey their support to the IUGS Secretariat will be terminated by the end of 2012 and another organization will have the opportunity to host the Secretariat. Since the Secretariat should be relocated before the end of 2012 and since the transfer of all the files,

archives, etc., will take several weeks, a decision on the new home should be made by August 2012 at the latest. The deadline for reception of proposals from Adhering Members is 30 April 2012.

### **CALL FOR REVIEWERS FOR NEW GEOLOGIC UNESCO WORLD HERITAGE NOMINATIONS**

The International Union for the Conservation of Nature (IUCN) has an advisory role under the UNESCO World Heritage Convention to provide technical and strategic advice to the World Heritage Committee. This includes the coordination of the evaluation of **new World Heritage nominations**. The current geologic based nominations for consideration by the World Heritage Committee 2012 are: (1) Lacs d'Ounianga, Chad; (2) Chengjiang Fossil Site, China; (3) Lena Pillars, Russian Federation; (4) Nahal Ma'arot / Wadi el Mughara Caves / Mount Carmel, Israel.

The IUCN, in partnership with IUGS, is in the process of **seeking desktop reviewers** for each of these four nominations. Reviewers should be very experienced either in the site, or the science (or comparable site), to be able to provide sound judgment on the global importance and integrity of the nominated site. They should also be in a position to judge site management. Reviewers will be individually granted access by password to the nomination file and will receive specific review guidelines. Your expert comments are very much appreciated as they are critical to the process and help raise the standards of the Convention and the UNESCO World Heritage Programme. Please email IUGS Councilor Wesley Hill ([whill@geosociety.org](mailto:whill@geosociety.org)) if you are willing to submit a review on any of the four (4) nominated sites listed above, or if can suggest an expert colleague for a review. Deadline to respond: 12 September 2011

### **APECS - ASSOCIATION OF POLAR EARLY CAREER SCIENTISTS - SHAPING THE FUTURE OF POLAR RESEARCH**

Due to climate change the Earth's Polar Regions are rapidly changing environments that are the key to understanding the future of our planet and its climate – and changes affecting the Arctic and Antarctic influence every single person on Earth! The World Meteorological Organization (WMO) and the International Council for Science (ICSU) have declared The Association of Polar Early Career Scientists (APECS) as the group that will carry forwards the momentum of polar research, education and outreach in the years to come.

APECS is an organization of 2500 young researchers, educators and others, from more than 50 countries, with interests in Polar Regions and the wider cryosphere. Their aim is to raise the profile of polar research by providing a continuum of leadership that is both international and interdisciplinary in focus to address the global impact of the coldest areas of our planet. Young researchers are taking up the challenge to investigate these changes through essential, ground-breaking and exciting polar research. In addition to conducting globally significant research, this next generation of polar scientists faces many challenges to excel in this innovative field including developing writing and communication skills for scientific and lay audiences, finding studentships and jobs, attracting research funding, executing adventurous fieldwork, conducting outreach activities, and encouraging continued and coordinated international and interdisciplinary collaboration. To take on this challenge, APECS has established a strong, credible and effective operational framework and gained recognition within the international scientific community, creating a foundation for early career researcher involvement in the major polar organizations and beyond.

APECS is seeking to strengthen their core activities and international representation to sustain APECS as an important component of the education and development of all polar scientists. To do this, they have developed a plan combining their need to become financially stable with ways to showcase supporting organizations to tomorrow's polar research leaders. APECS is seeking sponsorship from external groups to be able to continue to prepare the polar researchers of tomorrow. To read more about APECS visit the website at <http://www.apecs.is> . For general inquiries email to [info@apecs.is](mailto:info@apecs.is) . Download APECS information from [http://dl.dropbox.com/u/1588747/APECS\\_booklet\\_final.pdf](http://dl.dropbox.com/u/1588747/APECS_booklet_final.pdf) or for information on their activities download [http://www.scar.org/treaty/atcmxxxiii/ATCM33\\_ip028\\_e.pdf](http://www.scar.org/treaty/atcmxxxiii/ATCM33_ip028_e.pdf)

### **ONEGEOLOGY PROJECT IS SEEKING PHOTOS AND INFORMATION ON GEOPARKS**

OneGeology (<http://www.onegeology.org>) is a global project to make geological maps available digitally at no, or minimal, cost and they are currently also putting information about geoparks on their website. OneGeology has an outreach side called OneGeology eXtra and the European Geoparks Network (RGN) has an agreement with them for mutual cooperation. The wider Global Geoparks Network (GGN) also supports the aims and objectives of OneGeology. The IUGS Commission on Management and Application of Geoscience Information (CGI) is also involved in OneGeology. OneGeology would like to receive one photo from each Geopark, together with a caption, and a statement from the Geopark advising that OneGeology have permission to use the photo on the OneGeology website. The photos will be used in a profile 'box' linked to a Google map. Each box will have the a short description of the Geopark, the photo, the OneGeology map of the area (where available), and a link to the Geopark's website (or the World Geoparks site if more appropriate). All Geoparks are requested to strongly consider participation in this project. Please send a suitable photo from your Geopark, and the related information etc, to OneGeology. If readers have contact with their

local Geopark please pass on this information to them. The contact person for all enquiries etc is Jo Brayson on the OneGeology team at the British Geological Survey (email: [jbrayson@bgs.ac.uk](mailto:jbrayson@bgs.ac.uk) ).

### **IMGA SEEKING INFORMATION ON MEDICAL GEOLOGY EDUCATION OPPORTUNITIES**

The International Medical Geology Association (IMGA) Education Committee is conducting a survey of opportunities for medical geology education. They are developing and maintaining a list of academics and organizations seeking students for medical geology programs, to work on medical geology research projects, and as candidates for job opportunities. If you have, or anticipate having, an opportunity for students to advance their education and/or training and wish to provide the IMGA with relevant details about the opportunity please contact Claire Horwell the Chair of the IMGA Education Committee by email to [claire.horwell@durham.ac.uk](mailto:claire.horwell@durham.ac.uk). Information provided will be compiled into a master database that will be available on the IMGA, SEGH, and GSA Geology and Health Division websites. The term 'medical geology' is broad and encompasses fields such as Environmental Health, or Geochemistry and Health. More information at the IMGA website at <http://www.medicalgeology.org/index.htm>

### **NEED TO CONTACT A GEOSCIENCE ORGANIZATION SOMEWHERE AROUND THE WORLD?**

See the Directory of Geoscience Organizations of the World website: <http://www.gsj.jp/Intl/Dir/a.htm>

### **RECENT INFORMATION ON PUBLICATIONS, JOURNALS AND NEWSLETTERS**

CPCEMR - The Circum-Pacific Council for Energy and Mineral Resources website is at: <http://www.circum-pacificcouncil.org>

EFG - The European Federation of Geologists (EFG) newsletter GeoNews can be downloaded from: <http://www.eurogeologists.eu/index.php?page=175> To automatically receive the issues of the Newsletter, please register at: <http://www.eurogeosurveys.org/newsletters-subscription.html>

EGS - EuroGeoSurveys a consortium of 32 European Geological Surveys which aims to address European geoscience for society. See their EuroGeoSurveys Newsletters at: <http://eurogeosurveys.org/newsletters.html>. To automatically receive the issues of the Newsletter, you can register online at: <http://www.eurogeosurveys.org/newsletters-subscription.html>

GEOETHICS - The latest copies of the "Geoethics News" newsletter can be downloading from the Geoethics website at: [http://tierra.rediris.es/Geoethics\\_Planetary\\_Protection/](http://tierra.rediris.es/Geoethics_Planetary_Protection/)

GSAf - The Geological Society of Africa (GSAf) Newsletters can be downloaded from the Home page of the Society at: <http://www.geologicalsocietyofafrica.org>

GWP - For the Global Water Partnership (GWP) Monthly Newsletter "NewsFlow" go to: <http://gwpforum.us1.listmanage.com/subscribe?u=2e4d7bb2bd4f7590eb7d7929e&id=8e059efa29>

IAG - The International Association of Geomorphologists (IAG/AIG) publishes its newsletter at 3 month intervals. The Newsletters can be downloaded at: <http://www.geomorph.org/pb/pbnew.html>

ICSU - the International Council for Science (ICSU) newsletter "ICSU Insight" will keep you up to date with ICSU global and regional activities, latest publications, and events. View the newsletter at: <http://www.icsu.org/news-centre/insight/newsletters-2011/insight-april-2011>

IFA - The International Fertilizer Industry Association (IFA) has produced a Fertilizer Glossary that is now available on-line in five languages: English, French, German, Spanish and Chinese. There are more than 150 terms and expressions related to fertilizer use, soil science, fertilizer manufacture and analysis, and application machinery and methods. See it at: <http://www.fertilizer.org/ifa/HomePage/LIBRARY/Glossary-of-fertilizer-terms>

IGBP - The International Geosphere-Biosphere Programme (IGBP) website is at: <http://www.igbp.kva.se/> and their News archive is at: [http://www.igbp.kva.se/?view=news\\_archive](http://www.igbp.kva.se/?view=news_archive)

IMGA - The International Medical Geology Association (IMGA) newsletter can be downloaded from their website at: [http://www.medicalgeology.org/pages/public/publications/page\\_Publications.htm](http://www.medicalgeology.org/pages/public/publications/page_Publications.htm)

IUGG - The International Union of Geodesy and Geophysics (IUGG) latest electronic E-Journal is on their website at: <http://www.iugg.org/publications/ejournals/> NOTE the 18 July edition lists the IUGG Bureau members and Association Presidents and Secretaries General for 2011-2015

IUGS - To download back issues of the IUGS Episodes magazine see: <http://www.episodes.co.in/www/backissues.htm>. Also E-Bulletins of the IUGS issued since October 2002 can be found at: <http://iugs.org/index.php?page=e-bulletins>

IUSS - The International Union of Soil Sciences (IUSS) Bulletin can be downloaded in high and low resolution PDF from <http://www.iuss.org> The monthly IUSS Alert newsletter can be accessed via the same page

ProGEO News - the newsletter of the European Association for the Conservation of the Geological Heritage can be downloaded from: <http://www.progeo.se/>

SCAR - The Scientific Committee on Antarctic Research (SCAR) is a committee of the International Council for Science (ICSU) charged with the initiation, promotion, and co-ordination, of scientific research in Antarctica. SCAR also provides international, independent scientific advice to the Antarctic Treaty system and other bodies. To download the recent issues of the SCAR Newsletters go to: <http://www.scar.org/news/newsletters/issues2011/>. Their recently released "Antarctic Science and Policy Advice in a Changing World: SCAR Strategic Plan 2011-2016" can be downloaded from: <http://www.scar.org/strategicplan2011/>

SGA - Newsletters of The Society for Geology Applied to Mineral Deposits (SGA) available at: <http://www.e-sga.org>

YES - The Young Earth-Scientists YES Network Newsletters at: <http://www.networkyes.org/index.php/news/>

## **FORTHCOMING MEETINGS**

NOTE the listings of forthcoming meetings shown below will normally be included in an IUGS E-Bulletin only once and then they will appear on the IUGS website. The IUGS website ([www.iugs.org](http://www.iugs.org)) lists more "geo" related events than any other website devoted to such information. An analysis of the IUGS 2010 website statistics indicates that the "IUGS Calendar" section is the most frequently visited element of our website with regular hits from over 160 countries. The IUGS is pleased to continue this service to help promote all "geo" related events. Please send your meeting posting requests directly to the IUGS Secretary General at [pbobrows@nrcan.gc.ca](mailto:pbobrows@nrcan.gc.ca). To see the IUGS listing of forthcoming geoscience meetings, conferences, and workshops, go to the Calendar section of the IUGS website at: <http://iugs.org/index.php?page=calendar&phpMyAdmin=2c9f06db78f0953a55b10dcfdc5907f6>

### **-----2011-----**

September 5-9, 2011. Annual conference of the International Association for Mathematical Geosciences IAMG 2011. University of Salzburg, Austria. Theme: "Mathematical geosciences at the Crossroads of Theory and Practice". Website: <http://www.iamg2011.at/>

September 9-13, 2011. Climate Change Network Team Conference 2011 (CCNT11). London Garden Hotel, Westminster, London, United Kingdom. Theme "Impacts of the Global Recession on Sustainable Development". Website: <http://www.ccnt11.org/>

September 16-20, 2011. IRECC 2011 - Climate Change Working Group 2011, Third Annual International Renewable Energy Conference on Climate Change. Palace Garden Hotel, Mayfair, London, United Kingdom. The IRECC 2011 will focus on the practical applications of social and behavioural research to achieve viable solutions to energy/climate challenges. Website: <http://irecc.org/participation.htm>

September 26-27, 2011. Course on Coalbed Methane (CBM) Technical Fundamentals, Kuala Lumpur, Malaysia. As conventional sources of natural gas are getting harder to find, leading energy companies are seeking out unconventional sources of gas. Coalbed Methane (CBM) and Shale Gas are seen to be one of the most viable options. Interest in unconventional gas is turning out to be a potential energy source for Asian countries. The purpose of this course is to provide delegates with practical insights and tools that can be used to efficiently identify, appraise, and develop these types of reservoirs. More information about this training course at: <http://www.poweredgeasia.com>

September 26-30, 2011. EPHHWG 2011 - The 3rd Annual Environmental Pollution and Human Health Working Group Conference & Expo 11. Dolphin Square London, United Kingdom. Theme "Impacts of the Global Recession on

Sustainable Development" which will focus on the practical applications of social and behavioural research to achieve viable solutions to environmental pollution/human health. See: <http://ephhwg.com/participation.htm>

September 26-29, 2011. HAGI - IAGI Joint Convention Makassar 2011, Clarion Hotel, Makassar, Indonesia. Theme "Exploring Eastern Indonesia". Organised by the Indonesian Association of Geophysicists (HAGI) and the Indonesian Association of Geologists (IAGI). The Joint Convention Makassar 2011 is the 36th HAGI and 40th IAGI annual conference and exhibition. Further details at <http://www.petroedgasia.net/jcm>

October 9-12, 2011. Geological Society of America (GSA) Annual Meeting. Minneapolis, Minnesota, USA  
The 2011 GSA Annual Meeting & Exposition will have the meeting theme: "Archean to Anthropocene; the past is the key to the future". GSA is offering 217 Topical Sessions for you to choose from as well as 43 field trips. View the meeting program at: <http://www.geosociety.org/meetings/2011/program.htm> Register for the meeting at: <http://www.geosociety.org/meetings/2011/reg.htm>

October 23-27, 2011. Forum GeoReg. Theme "Regional geosciences of France and neighbouring countries". Villeneuve d'Ascq, France. The GeoReg Forum is dedicated to all geosciences of the regions of France and the neighbouring countries (Belgium, Luxembourg, The Netherlands, Germany, Switzerland, Italy, Spain, United Kingdom and beyond). Its prime objective is to revitalize the regional geosciences of France and neighbouring countries, by fruitfully convening experts from academia, industrial-commercial national agencies (BRGM, IFREMER, etc.), private and public applied geoscience companies, industrial companies, museums, scientific-technical-industrial and artistic cultural centers, and associations of both professionals and amateurs. Details at: <http://geosystemes.univ-lille1.fr/sgn.php?page=forum>

December 5-9, 2011. The American Geophysical Union (AGU) Fall Meeting. San Francisco, USA. The AGU Fall Meeting is the largest worldwide conference in the geophysical sciences, attracting nearly 20,000 Earth and space scientists, educators, students, and policy makers. This meeting showcases current scientific theory focused on discoveries that will benefit humanity and ensure a sustainable future for our planet. See the website at: <http://sites.agu.org/fallmeeting/>

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March 26-29, 2012. Planet Under Pressure: "New knowledge towards solutions." International Convention Centre (ICC), London, United Kingdom. A major international science conference focusing on solutions to the global sustainability challenge. The conference will discuss solutions at all scales to move societies on to a sustainable pathway. It will provide scientific leadership towards the 2012 UN Conference on Sustainable Development - Rio+20. Organised by the International Geosphere-Biosphere Programme (IGBP) in collaboration with DIVERSITAS, the International Human Dimensions Programme on Global Environmental Change (IHDP), the World Climate Research Programme (WCRP), and the Earth System Science Partnership (ESSP). Abstract submission is now extended to 16 September 2011. Full details at: <http://www.planetunderpressure2012.net/>

March 26-30, 2012. The 6th International Congress Geotunis 2012. Tunisia. "The use and the applications of GIS, remote sensing and digital modeling in the field of environment and in the management of natural resources and hazards". Organized in collaboration with the Tunisian Association of Digital Geographic Information, the Euro-Arab Union of Geomatics, The Euro-Mediterranean Federation of teaching and research (FEMER), The Laboratory of Natural Hazards and Planning (LRNAT), The Euro-Maghreb Network from Geomatics to territorial action, and the university UTECH. For details about the Congress, themes, registration etc, see: <http://www.geotunis.org> .

May 21-25, 2012. VOLCANDPARK Congress. Olot, Spain. VOLCANDPARK is the first congress to be devoted to the management, the raising of awareness and geotourism, in protected volcanic areas. It aims to act as a forum for debate and thought that will provide a link between knowledge of vulcanology and territorial planning and awareness in the people who work in these volcanic landscapes (national and natural parks, natural reserves, etc.). Olot is a town lying wholly within La Garrotxa Volcanic Zone Natural Park. Website: <http://www.volcandpark1.com/>

July 13-25, 2012. XXXII SCAR Open Science Conference. Portland, Oregon, USA. These biennial meetings and Open Science Conference of the Scientific Committee on Antarctic Research (SCAR) has the theme "Antarctic Science and Policy Advice in a Changing World" and will emphasise SCAR's dual role in facilitating scientific research and providing advice to policy makers. SCAR is an inter-disciplinary committee of the International Council for Science (ICSU). Full details at: <http://www.scar.org>

August 5-10, 2012. 34th International Geological Congress (IGC) in Brisbane, Australia. The primary IUGS conference that is held every 4 years. Congress website at: <http://www.34igc.org/>

August 23-30, 2012. IPC XIII / IOPC IX 2012 - The 13th International Palynological Congress and 9th International Organization of Palaeobotany Conference. Chuo University, Tokyo, Japan. Theme "Palynology and Palaeobotany in the Century of the Environment." Sessions have been selected and are listed on the website. The call for abstracts will be issued in January, 2012. More information at: <http://wwwsoc.nii.ac.jp/psj3/jp/index.htm>

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January 8-14, 2013. The 40th Anniversary of the Geological Society of Africa (1973-2013). Theme "40 Years of GSAf (1973-2013): Earth Sciences Solutions to African Development Challenges" will be conducted at the United Nations Economic Commission Conference Center (UNECA), Addis Ababa, Ethiopia. The Ethiopian Geosciences and Mineral Engineering Association (EGMEA) will organize this joint conference and will distribute the first circular shortly. Details will be posted on the websites at: <http://www.geologicalsocietyofafrica.org/> and <http://www.egmea.org.et/>

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With best regards,  
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