

## IUGS E-BULLETIN (NO. 75, JUNE 2012)

### 2012 - THE YEAR OF THE 34TH INTERNATIONAL GEOLOGICAL CONGRESS AUSTRALIA

#### LATEST NEWS FROM THE 34TH IGC BRISBANE, 5-10 AUGUST 2012

With only a little more than a month until the IGC commences, the current registration numbers are approaching five thousand making this the largest geoscience event ever held in Australia. Details of the final program will appear on the website <http://www.34igc.org/> and in the Fifth Circular, scheduled for release in June. As we approach the IGC opening date attendees and potential attendees are advised to frequently check the IGC website to review updated items - such as the introduction of day-attendance registration etc. and any changes.

The detailed scientific program has been completed and the abstracts and congress Handbook has been completed. The full Program for the IGC meeting has been finalised, and will soon be posted on the IGC web site at: <http://www.34igc.org/>. A pdf version at 18 June can be downloaded at [http://www.34igc.org/FileLibrary/symposium\\_schedule\\_18june.pdf](http://www.34igc.org/FileLibrary/symposium_schedule_18june.pdf). Bookings for Field Trips have closed.

Given the shorter length of the IGC (five business days), the program will be busy, and all efforts have been made to minimise conflicts.

- Some 30 professional development workshops will proceed, with well over a thousand participants.
- The IUGS Executive and the International Geological Congress Committee (IGCC) will both meet on Saturday 4th August. After the IUGS-IGC Council meetings (which include the election of a new IUGS Executive), the new Executive and the IGCC will meet on Saturday 11th August.
- The IUGS-IGC Council – the Governing body of the IUGS and IGC – will meet on Sunday 5th August and Thursday 9th August (and, only if necessary, on Friday morning 10th August). The Secretary General and IUGS Secretariat have requested that all IUGS Adhering Organisations nominate their representatives for the Council meeting and submit the appropriate forms before the deadline of 1 July 2012.
- Most of the more than eighty other business meetings will be held in the evenings of 6-10 August. A very small number have made arrangements for their meetings during the days of 5 and 11 August. It is not possible for business meetings booked from now on to be advertised in the Fifth Circular Handbook.

The GeoExpo, which occupies two large exhibition halls and in which over 260 standard booths have been sold, is effectively sold out however due to some late cancellations, a very limited number of small display booths have become available. (You can view the floor plan via the IGC website "Geoexpo and Sponsorship" tab or download the pdf of the plan via <https://events.ccm.com.au/ei/images/IGC/Exhibition/FloorPlan.pdf>).

Should you require assistance at any time with information for your attendance at, or involvement in, the 34th International Geological Congress, please email: [info@34igc.org](mailto:info@34igc.org)

#### The 34th IGC is now on Facebook and Twitter

Be part of showing the world the unique and incredible geology that Australia, New Zealand, South-East Asia, and the south Pacific region have to offer. You can share your science or ideas, and post your favourite geoscience photographs. Click the links below to find them on Facebook, <https://www.facebook.com/34IGC> or join the conversation on Twitter at <https://twitter.com/#!/34thIGC> and don't forget to visit the IGC website: <http://www.34igc.org>. Get on board now to prepare for your 34th IGC experience. Note also that Twitter will be used actively throughout the conference to keep you up to date. If you are not familiar with using social media sites go to the following links that provide information on using these two sites. Twitter basics: <https://support.twitter.com/groups/31-twitter-basics>. Facebook basics: <http://www.facebook.com/help/basics>

#### FINAL OPPORTUNITY TO REGISTER FOR THE IUGS/IGC COUNCIL MEETINGS AT THE IGC

All official delegates representing IUGS Adhering Bodies (National Committees) and IUGS Affiliated Organizations, as well as all non-voting guests and observers, must pre-register to attend the IUGS/IGC Council meetings scheduled to take place on 5 and 9 August 2012 at the IGC in Brisbane, Australia. Preregistration

deadline is 30 June 2012. Individuals intending to participate in any capacity in the IUGS/IGC Council meetings must be officially pre-registered through the IUGS Secretariat. You cannot register onsite. If you have not already done so, please confirm your registration immediately by contacting the IUGS Secretary General (pbobrows@nrcan.gc.ca) and the IUGS Interim Secretariat (iugs@usgs.gov). There are no exceptions to this requirement.

### **2012 IUGS JAMES M. HARRISON AWARD FOR OUTSTANDING ACHIEVEMENT**

The International Union of Geological Sciences is pleased to announce the recipient for the 2012 James Harrison Award. Professor Edward Derbyshire from the United Kingdom is the 2012 recipient. The James M. Harrison Award for Outstanding Achievement was established in 2004 by the IUGS Executive Committee as a means of honouring individuals who served the Union in an extraordinary way for a sustained period of time, but with no formal background in the Union such as officer status. The name of the award celebrates and honours the late Dr. James M. Harrison (1915-1990) an internationally respected Canadian geologist who became a founding father and, from 1961 to 1964, the first President of the IUGS. The full citation and response is available from the home page of the IUGS website ([www.iugs.org](http://www.iugs.org)).

### **FOLLOW THE FUTURE EARTH INITIATIVE**

"*Future Earth - research for global sustainability*" the new global 10-year initiative was launched on 14 June at the Forum on Science, Technology and Innovation for Sustainable Development prior to Rio+20, in Rio de Janeiro, Brazil.

Future Earth is a new international research initiative that will develop the knowledge for responding effectively to the risks and opportunities of global environmental change and for supporting transformation towards global sustainability in the coming decades. Future Earth will mobilize thousands of scientists while strengthening partnerships with policy-makers and other stakeholders to provide sustainability options and solutions in the wake of Rio+20. The event will feature a lively debate among scientists, policy-makers and civil society on how this initiative can ensure that international science is truly collaborating with policy-makers and other stakeholders.

Future Earth is a joint initiative of the International Council for Science (ICSU), the International Social Science Council (ISSC), the Belmont Forum, the United Nations Environment Programme (UNEP), the United Nations University (UNU), and the United Nations Educational, Scientific and Cultural Organization (UNESCO), with the World Meteorological Organization (WMO) as an observer. It will build on the strengths of the current Global Environmental Change Programmes: Diversitas, IGBP, IHDP and WCRP. For more information on Future Earth see: <http://www.icsu.org/future-earth>. You can also follow the action on Twitter: #FutureEarth and #sciforum.

### **THE UNITED NATIONS CONFERENCE ON SUSTAINABLE DEVELOPMENT (UNCSD) - EARTH SUMMIT RIO+20.**

#### **IUGS POSITION STATEMENT**

The United Nations Conference on Sustainable Development (UNCSD) or Earth Summit Rio+20, held from 20 to 22 June 2012 in Rio de Janeiro, Brazil, takes place twenty years after the 1992 United Nations Conference on Environment and Development (UNCED), where countries adopted Agenda 21, and ten years after the 2002 World Summit on Sustainable Development (WSSD) in Johannesburg.

These goals are in agreement with those of the International Union of Geological Sciences (IUGS), which include: (a) promoting development of the earth sciences through the support of broad-based scientific studies relevant to the entire earth-system, and (b) applying the results of these and other studies to preserving Earth's natural environment, using all natural resources wisely, and improving the prosperity of nations and the quality of human life.

The International Union of Geological Sciences (IUGS) is an international scientific, non-governmental, non-political, and non-profit-making organization, with 121 National Committees representing the international earth sciences community and almost 50 affiliated organizations of world wide scope covering all fields of expertise in the earth sciences, plus several commissions and task groups involved in specific fields, such as geological education training and technology transfer, geoethics, management and application of geoscience information, geoscience in environmental management, and standards in geosciences. All these are directly relevant to the two main themes on which Rio+20 will focus the official discussions: a) a green economy in the context of

sustainable development, and poverty eradication; and b) the institutional framework for sustainable development.

The future of our planet is determined not only by anthropogenic influences but also by long term exogenous and endogenous natural processes, often accompanied by natural disasters beyond human control. The most significant of these events are often beyond the reach of human memory. Only Earth and Space sciences are able to serve as mediators for any research needed in detecting the behaviour and predictability of such phenomena. In the light of this knowledge, it seems necessary to modify the mostly oversimplified ideas about the environment sustainability, by an appropriate geoeducation and by a geoethical approach. It is necessary to realize that the so-called 'abiotic nature' has its own dynamic evolution and that its regularities and laws need to be known and understood in order to improve any forecasting and mitigation of important catastrophes and climate changes.

It is therefore opportune and necessary for the IUGS to expose its views on the different matters to be considered during the Rio+20 summit. Moreover the seven areas which need priority attention, as highlighted during the preparations for Rio+20, i.e. jobs, energy, cities, food, water, oceans, disasters, are all within the scope of IUGS interest and activities -and have components directly bearing on Earth science knowledge and expertise. The documents resulting from this summit should therefore include provisions, as those outlined below, to promote the geoscientific research and knowledge that is needed to achieve a safer, more equitable, cleaner, greener and more prosperous world for all.

#### **Green jobs**

The international geological community and the IUGS are committed to promote and increase the creation of green jobs in the Earth sciences world-wide, in agreement with Millennium Development Goal 1. Geological education at the University level has been undergoing important changes to increase the number of professionals working on matters related to environmental issues. At the same time IUGS activities have been focused on promoting Earth science for environmental management and sustainable development, along with Earth science education and capacity building with participation of developed and developing countries, especially through a joint IUGS-UNESCO International Geosciences Programme (IGCP).

#### **Energy**

Geological knowledge is fundamental to the provision of energy at present and probably for several decades to come, as it comes primarily from fossil sources (oil, gas, coal, methane hydrates, and also uranium). But geological knowledge is also essential for the mitigation of the environmental impacts due to exploration and production, and more substantially, for moving to a lower carbon and finally to a renewable energy system. Renewable energy from water (river and sea) power, geothermal, biomass, carbon capture, as well as underground energy storage are based on conditions studied by geology.

#### **Sustainable cities**

Urban geological work is essential for city planning, construction, safety and management, including water supply, waste disposal, and improving the resilience of cities to natural disaster risks.

#### **Food security and sustainable agriculture**

The geosciences are essential for land-resource surveys to establish the location, extent and severity of land degradation and desertification, to prepare and implement programmes leading to the rehabilitation of degraded lands, to the conservation of soil fertility, and to groundwater, and watershed management. All needed for sustainable agricultural development.

#### **Water**

Geological studies are essential for provision, assessment, protection and sustainable management of water resources, to maintain water quality and aquatic ecosystems. All these elements are necessary to guarantee access to safe drinking water and provision of water for sustainable food production and rural development, as established by Agenda 21, the Millennium Declaration and the Johannesburg Plan of Implementation.

#### **Oceans**

The geological study of the oceans, focused on the geological structure and topography of the ocean floor and the natural processes that create and modify these features, is essential to many basic tenets of Human environment, such as the study of past climate change for environmental prediction, to understand the impact of benthic habitat on biological communities, and to learn more about how the Earth and its environmental systems function. In addition to the fact that geological studies are essential to the work being carried out by the Commission on the Limits of the Continental Shelf under the 1982 United Nations Convention on the Law of the Sea (UNCLOS)

#### **Disaster readiness**

Geological hazards include internal earth processes, such as earthquakes, volcanic activity and emissions, and other related processes such as tsunamis, mass movements, landslides, rockslides, surface collapses, and debris or mud flows. Therefore, knowledge of geological process or phenomenon that may cause loss of life, injury or

other health impacts, property damage, loss of livelihoods and services, social and economic disruption or environmental damage is basic for disaster readiness.

Alberto C. RICCARDI  
President IUGS

### **CALL FOR APPLICATIONS FOR THE ICSU GRANTS PROGRAMME 2013**

The call for applications for the ICSU Grants Programme 2013 has been released by the ICSU Committee on Scientific Planning and Review (CSPR). The Statement and Schedule as well as the Grant Application form are on the ICSU web site (under Member Zone) at: <http://www.icsu.org/member-zone/documents-for-members/grants-programme-2011/2013-grants-programme> The Grants Programme is strictly reserved for ICSU members and the information and application form should not be passed to individuals or institutions outside the ICSU family. Proposals should target the ICSU priority areas. ICSU Scientific Unions or Interdisciplinary Bodies must be the Lead Applicants and the ICSU National Members may be supporting applicants. Partnership with the ICSU Regional Offices is strongly encouraged, and the roles of respective partners in preparing and carrying out the proposed work must be made clear in the application. All applications, duly completed, must be sent to Rohini RAO email (Rohini@icsu.org) by the 1 December 2012 deadline for receipt of applications.

### **IGCP40 MEETING SUMMARY NOW AVAILABLE**

The IGCP Secretariat have advised that the Meeting Summary report for the IGCP40 conference, held on 22 February 2012 at the UNESCO Headquarters, is available and posted on the UNESCO website. See the report at: <http://www.unesco.org/new/en/natural-sciences/environment/earth-sciences/> or for the pdf: [http://www.unesco.org/new/fileadmin/MULTIMEDIA/HQ/SC/pdf/IGCP40-conference\\_report-2012.pdf](http://www.unesco.org/new/fileadmin/MULTIMEDIA/HQ/SC/pdf/IGCP40-conference_report-2012.pdf)

### **GEO TASK SB-01 "OCEANS AND SOCIETY: THE BLUE PLANET" ANNOUNCEMENT**

A kickoff symposium for the new Group on Earth Observations (GEO) Task SB-01 "Oceans and Society: the Blue Planet" will be held in São Paulo, Brazil, from Nov 19 to 21, 2012. The symposium takes place just prior to the GEO-IX Plenary, to be held in Foz do Iguaçu, Brazil (Nov 22-23). Derails of the GEO Task SB-01 can be seen on page 33 of the GEO 2012-2015 Work Plan available on the GEO web at:

[http://www.earthobservations.org/about\\_geo.shtml](http://www.earthobservations.org/about_geo.shtml) at: The Blue Planet Task has four main components: C1 Global Ocean Information Coordination and Access; C2 Operational Systems for Monitoring of Marine and Coastal Ecosystems; C3 A Global Operational Ocean Forecasting Network; and C4 Applications of Earth Observations and Information to Sustainable Fishery and Aquaculture Management. The Symposium will highlight each of these components through special sessions on their programme elements. Please send initial expressions of interest to Trevor PLATT ([tplatt@dal.ca](mailto:tplatt@dal.ca)), with a copy to Li ZHAI ([Li.Zhai@phys.ocean.dal.ca](mailto:Li.Zhai@phys.ocean.dal.ca)) and Douglas Cripe (DCripe@geosec.org). See [http://faro-project.org/blue\\_planet/](http://faro-project.org/blue_planet/)

### **ICSU'S NEW WORLD DATA SYSTEM INTERNATIONAL PROGRAMME OFFICE IN TOKYO**

ICSU's opened its new World Data System (WDS) office in Tokyo on 9 May 2012. The WDS International Programme Office will manage and coordinate the establishment and operations of the WDS, and take responsibility for outreach. It will act under the guidance of the ICSU World Data System Scientific Committee which brings together leading scientists working on scientific data issues. The first Executive Director of WDS and Director of its International Programme Office is Dr. Mustapha MOKRANE. The creation of WDS builds on the 50-year legacy of the ICSU World Data Centres (WDCs) and the Federation of Astronomical and Geophysical data-analysis services (FAGS) and seeks to build on the potential offered by advanced interconnections between data management components in order to foster disciplinary and multidisciplinary applications for the benefit of the international scientific community and other stakeholders. The vision of the World Data System was to transform today's collection of data bodies into an integrated and inter-operable system. WDS seeks to become a world-wide "community of excellence" for stewardship and provision of scientific data. More information at: <http://www.icsu.org/news-centre/news/icsus-new-world-data-system-opens-new-international-programme-office-in-tokyo>

### **IUGG UNION COMMISSION ON CLIMATIC AND ENVIRONMENTAL CHANGE (CCEC)**

The IUGG Executive Committee has established a new Union Commission on Climatic and Environmental Change (CCEC) in order (i) to promote the advancement of the scientific understanding of climatic and environmental change, (ii) to boost research in reducing uncertainties in climate and environmental models, (iii)

to define criteria for collaborative trans-disciplinary research on climate and environmental change, (iv) to fulfill the objectives of IUGG and its associations, (v) to provide an all-Union perspective on climatic and environmental change, and (vi) to make available the knowledge and insights developed through scientific research to the benefit of society and planet Earth, including considerations of the science of global change, related vulnerability and impacts, and potential responses. More information is in the IUGG Electronic Journal available at: <http://www.iugg.org/publications/ejournals/IUGGej1206.pdf>

### **NGWA SCIENCE AWARDS**

The National Ground Water Research and Educational Foundation have announced the student awards to four students for paper or poster presentations made at the 2012 NGWA Ground Water Summit that took place in May in Garden Grove, California. Given in honor of the late Dr. Robert Farvolden, former senior science counsel for the National Ground Water Association, the \$750 scholarships were awarded based on the quality of the presentation, content (including contribution to groundwater science, engineering, management, or policy), and demonstrated insight on the chosen topic. The awards for 2011 through 2013 are underwritten by S.S. Papadopoulos & Associates Inc. For details and winners see: <http://www.ngwa.org/Foundation/assante/Pages/Current-scholarship-winners.aspx>

### **EFG/EGS PHOTO COMPETITION "GEOLOGY IN THE 21ST CENTURY"**

During 2011 a Photo competition was co-organized by the European Federation of Geologists and EuroGeoSurveys. It called for geologists to submit their favourite photographs under 5 categories: Energy; Environmental protection and climate change; Minerals and Raw materials; Natural Hazards; and Water resources. To see the pdf issued in 2011 regarding the competition visit: [http://www.eurogeologists.eu/images/content/photo\\_competition/EFG\\_call\\_photo\\_competition.pdf](http://www.eurogeologists.eu/images/content/photo_competition/EFG_call_photo_competition.pdf). Entries for submission of photographs closed in January 2012. The EFG/EGS are now seeking assistance to determine the best photos and find the winner in each of the five categories. You can see the finalist photos and place your votes via the "News" section on the current EFG homepage at: <http://www.eurogeologists.eu/> The deadline for submitting your vote is 30 June 2012.

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

The Directory of Geoscience Organizations of the World produced by The Johannes Gutenberg University in Mainz, Germany, includes web links to Geological Surveys, University Geoscience Departments, Geoscience Journals, Societies, and Oil & Gas Companies. Go to: <http://www.uni-mainz.de/FB/Geo/Geologie/GeoSurv.html> If you have comments on additions, corrections, updates, or to add a link email [denbrok@erdw.ethz.ch](mailto:denbrok@erdw.ethz.ch). The Directory of Geoscience Organizations of the World produced by the Geological Survey of Japan and containing information on national geological surveys as well as state and provincial geological surveys is available at: <http://www.gsj.jp/information/gsj-link/dir/index.html>. The geology.com website with news and information about geology and earth science also lists geological organizations and agencies: <http://geology.com/groups.htm>.

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

AGI Outreach & News - See The American Geosciences Institute (AGI) web at: <http://www.agiweb.org/outreach/index.html>

CCOP E-News -The Coordinating Committee for Geoscience Programmes in East and Southeast Asia (CCOP) produces the CCOP E-News See their website at: [http://www.ccop.or.th/download/e-news/CCOP\\_e-news](http://www.ccop.or.th/download/e-news/CCOP_e-news)

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

EFG -The European Federation of Geologists (EFG) magazine "European Geologist", and the EFG monthly newsletter "GeoNews" can both be downloaded from the website at: <http://www.eurogeologists.eu/>.

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/newsletterssubscription.html>

GEO - The Group on Earth Observations (GEO) is coordinating efforts to build a Global Earth Observation System of Systems (GEOSS). For details and newsletters see: <http://www.earthobservations.org/index.shtml>

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/)

GIS - Maps of the World see: <http://gis.mapsofworld.com/government/government-agencies/>

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

GS - The Geochemical Society (<http://www.geochemsoc.org/>) has partnered with MultiView Inc. to launch an official email news resource, "Geochemical News". See: <http://multibriefs.com/briefs/g/sample.htm>.

GSL -The Geological Society of London (GSL) web home page, and online bookshop, has their latest geoscience publications information. See: <http://www.geolsoc.org.uk>; and <http://www.geolsoc.org.uk/bookshop>.

GWP -For the Global Water Partnership (GWP) Monthly Newsletter "NewsFlow" go to: <http://www.gwp.org/en/Get-involved/Subscribe-to-NewsFlow/>

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>

IAH -The International Association of Hydrogeologists (IAH) publishes "Groundwater eNews" every 2 months. See their website at: [http://www.iah.org/news\\_enevs.asp](http://www.iah.org/news_enevs.asp).

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 newsletters at: <http://www.icsu.org/news-centre/insight>. Visit the ICSU website at: <http://www.icsu.org/>

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) see their website at:<http://www.igbp.net> and their News archive at: <http://www.igbp.net/4.d8b4c3c12bf3be638a8000369.html>

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 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 IUGS E-Bulletins issued since October 2002 are 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

OneGeology - an international initiative of the geological surveys of the world with a target of creating dynamic geological map data of the world, available to everyone via the web see: <http://www.onegeology.org/>

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

RCMNS -Bulletin of the Regional Committee on Mediterranean Neogene Stratigraphy downloadable from:  
<http://www.geomare.na.cnr.it/>

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 recent SCAR Newsletters go to: <http://www.scar.org/news/newsletters/issues2011/>. For their "Antarctic Science and Policy Advice in a Changing World: SCAR Strategic Plan 2011-2016" see: <http://www.scar.org/strategicplan2011/>

SCOPE -The Scientific Committee on Problems of the Environment quarterly transdisciplinary journal "Environmental development", is free of charge at: <http://www.sciencedirect.com/science/journal/22114645>

SEPM -The Sedimentary Record the Quarterly Newsletter of The Society for Sedimentary Geology. See: <http://www.sepm.org/pages.aspx?pageid=37>

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

UNESCO - "A World of Science" open access journal. See: <http://www.unesco.org/new/en/natural-sciences/resources/periodical/a-world-of-science/>

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

To find information on websites and newsletters of IUGS Commissions, Task Groups, Initiatives, and Joint Programs see the IUGS website at <http://iugs.org/> or <http://iugs.org/index.php?page=directory>

## **FORTHCOMING MEETINGS**

NOTE the listings of forthcoming meetings shown below will normally be included in an IUGS E-Bulletin only once but will appear on the IUGS website until the event. The IUGS website ([www.iugs.org](http://www.iugs.org)) lists more "geo" related events than any other website devoted to such information. 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>

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June 20-22, 2012. Rio+20 - the United Nations Conference on Sustainable Development. Rio de Janeiro, Brazil. The Conference will focus on two themes: (a) a green economy in the context of sustainable development poverty eradication; and (b) the institutional framework for sustainable development. The Rio+20 Conference It is envisaged as a Conference at the highest possible level, including Heads of State and Government or other representatives. The Conference will result in a focused political document. Website at: <http://www.uncsd2012.org/rio20/index.html> . The Solutions' magazine has a Special Issue about the Rio+20: See: <http://www.thesolutionsjournal.com/>. Download the pdf on "Rio and Beyond" at: <http://www.thesolutionsjournal.com/node/1097>

July 1-6, 2012. The IUGG Commission on the Study of the Earth's Deep Interior (SEDI) Biennial Symposia. University of Leeds, United Kingdom. The meeting will offer a wide-ranging program of studies of the Earth's deep interior, and will feature several large topics regarding the structure, composition and dynamics of the Earth and other planetary bodies. The topics of the scientific program of the SEDI symposium consist of inner and outer core structure, dynamics and composition, laboratory experiments and measurements in deep Earth research, core-mantle boundary (its structure, dynamics and composition), observations of mantle structure and composition, modeling and dynamics of the mantle, and structure of other planets. See: [http://sedi2012.leeds.ac.uk/SEDI\\_2012\\_program.html](http://sedi2012.leeds.ac.uk/SEDI_2012_program.html)

July 5-7, 2012. The VIII South American Symposium on Isotope Geology (SSAGI). Medellín, Colombia. Organized by The Georesources, Mining and Environment GEMMA research group of the Universidad Nacional

de Colombia (Medellin). The VIII SSAGI aims on putting together scientist from all over the world working on cutting edge methods and applications of Isotope Geochemistry. Official languages of the conference are English, Spanish and Portuguese see: <http://www.ssagi.co/principal-en.php>

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

October 24-27, 2012. The IV FuegoRED International Meeting (FuegoRED2012). Puerto de la Cruz, Tenerife, Canary Islands, Spain. Theme: Effects of Wildfires on Soils. The main aim of the FuegoRED meetings are the establishment of further links between fire scientists and environmental managers, as well as showing new perspectives of study about problematic issues related to forest fires. Note the deadline for submission of abstracts and registration at the reduced fee have been extended to 30 June 2012. You can register on the web at: <http://webpages.ull.es/users/jnotario/FuegoRED12/>

November 19-21, 2012. Symposium On the new GEO Task SB-01 "Oceans and Society: the Blue Planet" will be held in São Paulo, Brazil, from Nov 19 to 21, 2012. The symposium takes place just prior to the GEO-IX Plenary, to be held in Foz do Iguaçu, Brazil (Nov 22-23). Please send initial expressions of interest to Trevor Platt ([tplatt@dal.ca](mailto:tplatt@dal.ca)), with a copy to Li Zhai ([Li.Zhai@phys.ocean.dal.ca](mailto:Li.Zhai@phys.ocean.dal.ca)) and Douglas Cripe ([DCripe@geosec.org](mailto:DCripe@geosec.org)). (more information above)

September 27-30, 2012. The Regional Committee on Mediterranean Neogene Stratigraphy (RCMNS) Interim Colloquium on "*Paratethys-Mediterranean Interactions: Environmental Crises during the Neogene*". Bucharest, Romania. The deadline for registration and abstract submission has been extended to 25 June 2012. See the website at: <http://www.departamentgeologie.ro/RCMNS-Bucharest2012/>

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January 5-8, 2013. The Second Symposium on the Geological Resources in the Tethys Realm. Aswan, Egypt. The latest flier can be download from the webpage at: <http://www.emwis.net/thematicdirs/events/2013/01/tethys-geological-society-meeting>

April 22-24, 2013. The International Congress on Disaster Risks and Sustainable Territorial Development" (CIRiDe). Catamarca, Argentina. See: <http://www.scribd.com/doc/97125986/i-Circular-Ciride>

October 6-7, 2013. International Conference VAJONT 1963-2013 - "Fifty years of increasing knowledge on giant and catastrophic landslides", Padova, Italy. The main objective of this conference is to promote an updated scientific revision considering all the aspects (lithostratigraphy, geomorphology, geomechanics, geophysics, hydrogeology) and the effects due to the dam construction (cyclic filling and drawdown of the reservoir level) which led to the catastrophic collapse of October 9th 1963, and the consequences that dam construction may have on existing infrastructures as a result of the development and collapse of large landslides. See: <http://www.vajont2013.info> and also: <http://aiga.cineca.it/node/106>

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June 2-6, 2014. World Landslide Forum III. China National Convention Center, Beijing. Theme: "Landslide Risk Mitigation Towards a Safer Geo-Environment". Call for Abstracts by 31 December 2012. Conference website: <http://icl.iphq.org/HomePage.aspx?TabID=4945&Site=Portal&Lang=en-US>

With best regards, Colin SIMPSON IUGS Councillor  
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