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**IUGS E-BULLETIN (NO. 59, JANUARY 2011)**  
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### **IUGS 50TH ANNIVERSARY EVENT PARIS 2011 - INVITATION TO ATTEND**

As announced in E-Bulletin #56 to celebrate the 50 years since the IUGS was established in 1961 a 1 day Anniversary Celebration addressing the achievements past relationships and future of the IUGS will be held on 21 February 2011 at the UNESCO Headquarters building, 7 Place de Fontenoy, Paris, commencing at 09.00am in Room XI. All those interested in, and associated with, IUGS activities are invited to attend this event. Check further announcements in future E-Bulletins, and on the IUGS website at <http://www.iugs.org/>. A program of the event, and the necessary Registration Form, can be downloaded under the "News and Information" section on the front page of the IUGS website.

### **IUGS 50TH ANNIVERSARY COMMEMORATION, EARLY CAREER GEOSCIENTISTS ESSAY CONTEST ON "THE FUTURE OF THE GEOLOGICAL SCIENCES" A COLLABORATIVE PROJECT BETWEEN IUGS- IGC-YES**

The IUGS E-Bulletin No. 58 (downloadable from the IUGS website front page) contained details about this component of the 50th Anniversary activities. If you wish to participate in the essay competition please check the details in E-Bulletin 58. The Guidelines for submissions are: Abstract: 200 words. Paper: minimum 3000 words, maximum 5000 words. Language: English. Theme: The Future of the Geological Sciences. Submission Limits: geoscientists under the age of 35 years. Submission deadline: 7 March 2011. Submit essays by email to: Wesley HILL: [whill@geosociety.org](mailto:whill@geosociety.org)

### **INTERNATIONAL GEOLOGICAL CONGRESS 2012 BRISBANE, AUSTRALIA**

The second Circular of the 34th IGC Planning Committee will be issued in March 2011. The first Circular with information on the Draft program is available at: <http://mymail.ezemsgs.com/em/mail/view.php?id=1785200344&a=8781&k=4dfcea6> The IGC Organising Committee seeks all feedback on the Draft program, including any proposed Symposia you would like to nominate, and input to proposed Symposia. It is particularly important that readers who are interested in participating as volunteer Co-ordinators for proposed Symposia or Sessions should register their interest as a Co-ordinator as soon as possible. Please use the Scientific Program option in the Congress web site at <http://www.34igc.org> or email the Theme Coordinators directly (their email addresses are listed under each Theme). Please pass on information about the Circular to your colleagues in case they have not received it. The Congress website <http://www.34igc.org> will be frequently updated and will be the main vehicle for dissemination of information.

### **EPISODES - THE IUGS JOURNAL OF INTERNATIONAL GEOSCIENCE**

The Editor for Episodes Dr. Mudlappa JAYANANDA welcomes short, innovative, scientific articles, as well as items dealing with geological sciences and society. For guidance on contributions etc. visit the web address at <http://www.episodes.org/Files/Guidance.htm> or download a pdf version from <http://www.geosocindia.org/episodes/2/cover2.pdf>. Spectacular geological photographs for the magazine cover are also welcome. To submit your papers, or to make any other enquiries, contact Dr. JAYANANDA at email: [episodes.editor@gmail.com](mailto:episodes.editor@gmail.com). Back issues of "Episodes" from 1978 to 2008 are available on-line at <http://www.episodes.org/backissues.htm> and the latest back issues are available on the new Indian website for Episodes at <http://www.episodes.co.in>

## **IUGS BUREAU MEETING**

An IUGS Bureau meeting was held in Bangalore, India on January 21-22. In the occasion the IUGS Bureau visited the Geological Society of India (GSI) and Episodes Editorial Office, and met with GSI authorities and Episodes Editor and staff.

## **IUGS-IGC STATUTES**

At a meeting of the International Geological Congress Committee (IGCC) held in Brisbane on August 24-25, 2010 it was agreed to prepare a new version of IUGS and IGC Statutes (separate versions), and for that purpose it was decided to establish an IUGS/IGCC task force consisting of two persons from the IGCC, two persons from the IUGS and one independent chair, appointed by agreement of the IGCC and IUGS. The two IGCC representatives are Arne Bjorlykke and Ian Lambert, the IUGS representatives are Eldridge Moores and Jacques Charvet, and the independent Chair is Pat Leahy (AGI Executive Director). The Task Force has been working since the last part of 2010 and will now meet in Paris on the 18 and 19 February 2011.

## **IGC AND IUGG GENERAL ASSEMBLIES**

Following two requests received from the IUGS German National Committee on 17 November 2009 and from the EuroGeoSurveys on 19 April 2010, for long-term coordination of IGS and IUGG General Assemblies, with the main objective of reducing scheduling and venue conflicts, the International Geological Congress Committee in its last meeting (Brisbane, June 24-25 2010) decided to propose IUGG the establishment of a working group to consider the issue. Since then the IUGG accepted the proposal, and the following have been appointed to the IGCC-IUGG working group: Dr. Abel Hansen, Dr. Alik Ismail-Zadeh and Dr. David Jackson (alternative member) representing IUGG, and Dr. Ernesto Abbate, Dr. Peter Bobrowsky, and Dr. Anders Solheim (alternative member) representing IGCC.

## **OneGeology**

The OneGeology Steering Group, of which the IUGS President is an ex-officio member, has recently approved: 1) to adopt a 7 continent model for OneGeology Steering Group representation, in which the 7 “continents” are renamed “Classes” (the continents the 7 classes equate to are: Class I – Africa, Class II – Eurasia; Class III – Asia, Class IV – Oceania, Class V – North America, Class VI – South America, and Class VII – Europe); 2) that OneGeology will become a non-for-profit legal entity, “OneGeology Limited” (UK Charity Company Limited by Guarantee); the first Board of Directors will consist of a minimum of 12 and will include the Steering Group, and the whole transitional process will last approximately 20 months, i.e. until the next IGC.

## **GLOBAL GEOSCIENCE INITIATIVES**

As a legacy of International Year of Planet Earth (IYPE), and IUGS initiative, the IYPE Board agreed that John Ludden (Director, British Geological Survey), Pat Leahy (Executive Director, American Geological Institute), Jack Hess (Executive Director, Geological Society of America) and Edmund Nickless (Geological Society of London) should explore if there is support within our community for a global geosciences initiative (GGI) which: 1) would be inclusive and involve the

geoscience community which is broad both in terms of discipline and nationality; 2) have a clear socio-economic context and global societal relevance; 3) focus on a globally significant science theme and preferably involve global processes; 4) attract the support of scientific communities, funding agencies, governments and other institutions in many countries, under the umbrella of UNESCO and the ICSU geoscientific unions.

The concept has been developed through a series of Townhall meetings at GSA 2009, AGU 2009, EGU 2010 and AGU "Meeting of the Americas" 2010. As an outcome of those discussions there was consensus that the focus should be multidisciplinary and have socio-economic value. Themes considered were: 1) Minerals and hydrocarbon resources and their associated waste products; 2) Living with natural hazards; 3) Strategic Earth science in Africa through the Africa Alive corridors. A document was discussed in the margins of the 23<sup>rd</sup> Colloquium of African Geology held in Johannesburg when a meeting of the General Assembly of the Geological Society of Africa agreed a resolution supportive of the overall concept (see below).

Now the GGI proposal will be discussed more widely, and specifically at the next IUGS Executive Committee meeting in Paris, 22 - 25 February, 2011.

#### **GEOLOGICAL SOCIETY OF AFRICA RESOLUTION ON THE GLOBAL GEOSCIENCES INITIATIVES**

The General Assembly of the Geological Society of Africa representing the Earth sciences community in Africa at the 23<sup>rd</sup> Colloquium of African Geology in Johannesburg, South Africa 8 to 14 January 2011;

Recalling the Maputo Declaration on the Development of Geosciences in Africa (26 July 2006), the Arusha Declaration on the International Year of Planet Earth (8 May 2008), and the resolutions of the African National Committees for the International Year of Planet Earth (IYPE) at their meeting of 18-19 May 2009 in Pretoria on their science activity beyond the IYPE;

Noting the decision of the IYPE Board to explore possibilities of strengthening the scientific legacy, contributing to global scientific understanding and international capacity building as well as complementing the outreach achievements of IYPE;

Recognising the many strategic opportunities to address major environmental challenges of the present time, the potential for new scientific discoveries and that UNESCO, ICSU geosciences unions and other international unions are developing focused initiatives in Africa;

1. Welcomes the proposed Global Geoscience Initiatives (GGI) as a contribution to the ICSU vision of an Earth System Science initiative to enhance global sustainability;
2. Endorses the proposal of process-based, inclusive, multidisciplinary initiatives with a clear socio-economic context and of global societal relevance;
3. Undertakes through the Geological Society of Africa to work actively with the African Earth science community to propose projects under the umbrella of the GGI.

#### **23<sup>rd</sup> Colloquium of African Geology" (CAG 23)**

This major biennial meeting organized under the auspices of the Geological Society of Africa (GSAf) was held at the University of Johannesburg on January 8-14, 2011. It was organized by the University of Johannesburg in cooperation with the University of the Witwatersrand, the Geological Society of South Africa (GSSA), the Mineralogical Association of South Africa (MINSA, a division of the GSSA) and the Nuclear Energy Corporation of South Africa (NECSA) under the auspices of the Geological Society of Africa (GSAf). A message of the IUGS President was read at the Opening Ceremony in the presence of the Minister of Science and Technology

of South Africa, H.E. Ms Naledi Pandor and with the attendance of about 500 delegates representing almost 60 countries worldwide. The scientific program me included 14 scientific symposia with more than 300 oral presentations, with 26 keynote/invited talks and 6 plenary lectures, as well as up to 100 posters.

#### **STICHTING PLANET EARTH INSTITUTE (PEI)**

It has recently been informed that a “Stichting Planet Earth Institute (PEI) was created on 17 December 2010 in the Netherlands as the follow-on initiative of the UN ‘International Year of Planet Earth’ (IYPE), to address outreach activities related to Earth Sciences. In consultation with the Dutch Ministry of Economy, Agriculture and Innovation and the University & Research Centre in Wageningen, the Netherlands, Eduardo de Mulder together with Wolfgang Eder established a non-profit Foundation. Wolfgang Eder accepted the position of Chair of the PEI Foundation.

#### **A NEW INITIATIVE - SES 2011**

SES 2011 (Sustainable Earth Sciences) is a unique new event organized by the European Association for Geoscientists and Engineers (EAGE), in cooperation with the European Network of Excellence on the Geological Storage of CO<sub>2</sub> (CO<sub>2</sub>GeoNet), the IEAGreenhouse Gas (IEAGHG) R&D Programme, the International Geothermal Association (IGA) European Regional Branch, and the House of Geoscience. The aim of these organizations is to create a platform for geoscientists to meet, learn and discuss about technologies for sustainable use of the deep sub-surface. They have organized the 1st Sustainable Earth Conference & Exhibition from 8–11 November 2011 in Valencia, Spain. For more information visit the website at: <http://www.eage.org>

#### **THE SECOND WORLD LANDSLIDE FORUM – SPONSORED BY THE IUGS AND THE INTERNATIONAL CONSORTIUM ON LANDSLIDES**

The 2<sup>nd</sup> World Landslide Forum under the auspices of the ICL, IPL, IUGS, ICSU, UNESCO, ISDR and many other organizations will take place in Rome, Italy 3 – 9 October 2011. Abstract deadline is 15 March 2011. The Second World Landslide Forum has the objective to further develop the outcomes of the First Forum in Tokyo 2008 by providing a global cross-cutting information and cooperation platform for all types of organizations representing academia, United Nations organisations, governments, private enterprises and individuals that contribute to landslide research, practice, education and decision making and are willing to strengthen landslide and other related Earth system risk reduction strategies. The emphasis of this forum will be "Putting science into practice" with special attention given to actual implementation of technology and research in everyday applications and procedures with the direct involvement of researchers, engineers, private enterprises, stakeholders as well as policy and decision makers. Details: <http://www.wlf2.org/home/home-page>

#### **REPORT ON THE 2ND ENHANS SYMPOSIUM "NATURAL EXTREME EVENTS: MODELING, PREDICTION AND MITIGATION" 13-15 DECEMBER 2010, SAN FRANCISCO, USA**

The Extreme Natural Hazards and Societal Implications (ENHANS) Project (<http://www.enhans.org>) is a project of the International Council of Science (ICSU) led by the International Union of Geodesy and Geophysics (IUGG). ENHANS supporting partners are American Geophysical Union (AGU), International Geographical Union (IGU), International Society for Photogrammetry and Remote Sensing (ISPRS), International Union of Geological Sciences (IUGS), International Union of Theoretical and Applied Mechanics (IUTAM), Integrated Research on Disaster Risk (IRDR), and the Global Ocean Observing System (GOOS) of IOC-UNESCO. The ENHANS symposium

was held in conjunction with the Fall meeting of the American Geophysical Union (AGU), an ENHANS Partner. The AGU Fall meeting was attended by more than 19,000 Earth and space scientists. The EHANS symposium consisted of three scientific sessions. The first session of the symposium was a Union session (by invitation only) and attracted attention of more than 300 experts in various fields of extreme natural hazards. The second session of the Symposium was based on three invited talks and selected contributed presentations. The poster session (20 papers) presented a variety of topics related to natural hazards, extreme events, theory, modelling, prediction and mitigation. (Extract from a report courtesy of Alik Ismail-ZADEH, Secretary-General of the IUGG).

### **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**

To download any individual IUGS E-Bulletins issued since October 2002 go

to: <http://iugs.org/index.php?page=e-bulletins>

GeoAfricaSciences Newsletter Vol. 2 Issue 1 Issue date 1 January 29011 is now available. To download the pdf file go to:

<http://geofricasciences.com/images/GeoAfricaSciencesNewsletter1Of2011.pdf>

"ICSU Insight" the Newsletter of the International Council for Science (ICSU) can be downloaded from the ICSU website at:

[http://www.icsu.org/2\\_resourcecentre/RESOURCE\\_list\\_base.php4?rub=12](http://www.icsu.org/2_resourcecentre/RESOURCE_list_base.php4?rub=12)

To subscribe to the newsletter go to: [http://www.icsu.org/3\\_mediacentre/INSIGHT\\_1.php4](http://www.icsu.org/3_mediacentre/INSIGHT_1.php4)

The International Union of Geodesy and Geophysics (IUGG) latest electronic E-Journal is on their website at: <http://www.iugg.org/publications/ejournals/>

e-Journal Earth Science India has been launched on an International platform. Earth Science India is an International Open and Free Access quarterly e-Journal publishing peer-reviewed primary research/review papers from all the domains: geophysics, geology, physical geography, atmospheric science, oceanography, soil and environmental science in English language. It also publishes popular articles, gallery of photos of geo-scientific interests, News items also containing organization of earth science events, seminars, conferences etc. across the globe as our outreach efforts. ESI was launched for rapid exchange of researches and ideas between the widespread community of earth scientists and also to promote awareness about 'Science of Earth' among students and common public. It is under the umbrella of The Society of Earth Scientists (SES) and the journal is supported by an International Editorial Board. See: <http://www.earthscienceindia.info/>

All copies of the GEOETHICS NEWS newsletter since publication started in 2007 are now available for downloading from the right side of the Geoethics website homepage at:

[http://tierra.rediris.es/Geoethics\\_Planetary\\_Protection/](http://tierra.rediris.es/Geoethics_Planetary_Protection/)

To subscribe to the email distributed Global Water Partnership Monthly Newsletter "NewsFlow" go to:

<http://gwpforum.us1.listmanage.com/subscribe?u=2e4d7bb2bd4f7590eb7d7929e&id=8e059efa29>.

## 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. To see the IUGS listing of forthcoming geoscience meetings, conferences, and workshops, check the Calendar section of the IUGS website at:

<http://iugs.org/index.php?page=calendar&phpMyAdmin=2c9f06db78f0953a55b10dcfdc5907f6>

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May 9-11, 2011. 1st Joint GEO/EGIDA Workshop "Connecting GEOSS and its Stakeholders in Science and Technology". University of Bonn, Germany. EGIDA is a project funded by the European Commission's Seventh Framework Programme (FP7). EGIDA will work with the Science and Technology Committee (STC) of the Group on Earth Observations (GEO) with the goal to implement the GEO Science and Technology Road Map. All S&T stakeholders of GEOSS are invited to participate in the workshop. For additional details and registration information see: [http://www.geo-tasks.org/egida/meetings/snab\\_ws2011](http://www.geo-tasks.org/egida/meetings/snab_ws2011)

May 12-15, 2011. APMAS 2011 - Advances in Applied Physics and Materials Science Congress. Antalya, Turkey. Further information at: <http://www.apmas2011.org>. Specific questions concerning further information can be sent by e-mail to [info@apmas2011.org](mailto:info@apmas2011.org)

June, 19-25, 2011. The 11th International Multidisciplinary Scientific Geo-Conference and Expo - SGEM 2011. Albena, Bulgaria. Theme: "Modern management of mine producing, geology and environmental protection". Note the abstract submission deadline is March 10th, 2011. Further information at: [http://www.sgem.org/email\\_location/](http://www.sgem.org/email_location/)

June 28-July 7, 2011. XXV IUGG General Assembly "Earth on the Edge: Science for a Sustainable Planet". Melbourne, Australia. The program will include an International Tsunami Symposium. Abstract deadline 1 February 2011. Details: <http://www.iugg2011.com/default.asp>

July 18-19, 2011. 2nd Asia-Pacific GeoParks Network (APGN) Symposium. Hanoi, Vietnam. Theme "Geopark and Geotourism for Regional Sustainable Development". Details at: <http://vckg.vigmr.vn/>

September 26–October 1, 2011. The International Council for Science (ICSU) 30th General Assembly, Food and Agriculture Organization (FAO) building, Viale delle Terme di Caracalla, Rome, Italy. The Draft Agenda and Programme are available in the Member Zone of the ICSU website at: <http://www.icsu.org>

September 4-7, 2011. FRAGILE EARTH International conference: Theme "Geological Processes From Global to Local Scales, Associated Hazards & Resources". Munich, Germany. Meeting partners: Geological Society of America; Geologische Vereinigung e.V.; & Deutsche Gesellschaft für Geowissenschaften. Meeting details and timelines at: <http://www.geosociety.org/meetings/2011munich/>

September 12–16, 2011. The 4th International Workshop on the Neogene from the Central and South-Eastern Europe. Banská Bystrica, Slovak Republic. Details: <http://www.geol.sav.sk/ncsee/>

September 21-23, 2011. Joint Interim Colloquium of the Regional Committee, on Mediterranean Neogene Stratigraphy (RCMNS) and the Regional Committee on Atlantic Neogene Stratigraphy (RCANS). Salamanca. Spain. Theme "Climate changes, bioevents, and geochronology in the Atlantic and Mediterranean over the last 23 Myr" Details at: <http://fundacion.usal.es/RCMNS-RCANS-Salamanca2011/>

September 26-29, 2011. The Society for Geology Applied to Mineral Deposits (SGA) 11th Biennial Meeting. Antofagasta, Chile. Theme "Let's talk ore deposits". For details and important dates for the SGA 2011 download the 1st circular at: [https://www.e-sga.org/fileadmin/sga/SGA\\_meetings/Antofagasta\\_2011/First-circular-SGA-2011.pdf](https://www.e-sga.org/fileadmin/sga/SGA_meetings/Antofagasta_2011/First-circular-SGA-2011.pdf) or see the website at: <http://www.sga2011.ucn.cl/>

October 3-9, 2011. The Second World Landslide Forum, Rome, Italy. "Putting Science into Practice". Sponsored by the IUGS. Details: <http://www.wlf2.org/home/home-page>

October 9-12, 2011. The Geological Society of America (GSA) 2011 Annual Meeting & Exposition. Minneapolis, Minnesota, USA. Details at: <http://www.geosociety.org/meetings/2011/>

November 8–11, 2011. 1st Sustainable Earth Sciences (SES) Conference & Exhibition SES 2011. Valencia, Spain. Theme "Technologies for Sustainable Use of the Deep Sub-surface". The Deadline for Call for Papers is 15 April 2011. For more information visit the EAGE website at: <http://www.eage.org>.

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July 2-6, 2012. The 4th International Congress EUROSIL 2012. Fiera Del Levante, Bari, Italy. Presented by the European Confederation of Soil Science Societies (ECSSS). The Congress will focus on and develop the various aspects of fundamental and applied soil science and technology, field approaches and social, economical and political implications in relation to the present and future needs and emergencies of mankind and environment. Special emphasis will be devoted to the fundamental role of soil as a central ecosystem and instrumental but limited and sensible resource for a correct, sustainable and harmonized development of mankind and its benefit and welfare. See the congress website at: <http://www.eurosoil2012.eu/>

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

August 2-10, 2012. INHIGEO will meet in conjunction with the 34<sup>th</sup> International Geological Congress in Brisbane, Australia.

August 26-30, 2012. The "32nd International Geographical Congress" in Cologne, Germany. Theme "Down to Earth". Geographers bring the wide-ranging perspectives and methodology of their subject to bear on four major thematic complexes – bringing research down to earth: Global Change and Globalisation; Society and Environment; Risks and Conflicts; Urbanisation and Demographic Change. For details see: <http://www.igc2012.org/>

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July 22-28, 2013. INHIGEO will convene in Manchester, United Kingdom in co-ordination with the 24th International Congress on the History of Science, Technology and Medicine.  
[www.inhigeo.org](http://www.inhigeo.org)

-----2014 and 2015 -----

The INHIGEO Board is currently considering the conference venues for 2014 and 2015. If any member or national delegation is interested in hosting the annual INHIGEO conference in either of these years please contact the Secretary General (email: [barry@ananian-cooper.com](mailto:barry@ananian-cooper.com)) or any member of the INHIGEO Board as soon as possible. Details of all INHIGEO activities are on the website [www.inhigeo.org](http://www.inhigeo.org).

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With best regards,  
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