

**IUGS E-BULLETIN (NO. 79, OCTOBER 2012)**

**UPDATE ON THE 11TH EUROPEAN GEOPARKS CONFERENCE, AROUCA, PORTUGAL**

The 11th European Geoparks Conference was hosted by the Arouca Geopark, in Arouca, Portugal, from 19-21 September 2012. The conference was viewed as a great success with 325 delegates, representing 43 countries from 5 continents and representatives from all Geopark Networks (European and Global), with the support of UNESCO. The aims of the conference were: To reflect about the European Geoparks Network progress. To contribute for the smart, sustainable and inclusive growth of the European Geoparks. To share good experiences on Education Programs and Projects. To consolidate the European Geoparks as territories of excellence for Geotourism. To exchange new trends on geoconservation strategies. To present new public and private investments in Geoparks. To certificate Geoparks: a strong tool to foster European Geoparks.

During the Arouca conference 4 new Geopark members were accepted into the Global Geoparks Network (GGN) bringing the total number of Global Geoparks to 92. The 4 new Global Geoparks are: Bakony-Balaton Geopark (Hungary); Batur Geopark (Indonesia); Central Catalonia Geopark (Spain); Sanqingshan Geopark (China). The Expansion of the Lesvos Geopark (Greece) was also accepted. The pdf report of the entire proceedings from the conference can be downloaded at: <http://www.2012egnconference.com/wp-content/uploads/2012/10/LivroConferenciaFINAL.pdf>

**NEW SEPM BOOK ON THE SEDIMENTARY GEOLOGY OF MARS**

The Society for Sedimentary Geology (SEPM) Special Publication #SP102. Sedimentary Geology of Mars. Edited by: John P. GROTZINGER and Ralph E. MILLIKEN

Often thought of as a volcanically dominated planet, Mars, over the last several decades of exploration, has revealed with increasing clarity the role of sedimentary processes in its formation. Data from recent orbiters have highlighted the role of sedimentary processes throughout the geologic evolution of Mars by providing evidence that such processes are preserved in a rock record that likely spans a period of more than four billion years. Rover observations have provided complementary outcrop-scale evidence for ancient eolian and fluvial transport and deposition. Data have also shown surprisingly Earth-like patterns of diagenesis that involve recrystallization and the formation of concretions. In addition, the detection of clay minerals and sulfate salts on Mars, coupled with large-scale morphologic features indicative of fluvial activity, indicate that water-rock interactions were once common on the Martian surface. This is in stark contrast to the dry and cold surface environment that exists today, in which eolian processes appear to be the dominant mode for sediment transport on Mars.

These issues and others were discussed at the First International Conference on Mars Sedimentology and Stratigraphy, held in El Paso, Texas in April of 2010. The papers presented in this volume are largely an extension of that workshop, and cover topics ranging from laboratory studies of the geochemistry of Martian meteorites, to sediment transport and deposition on Mars, as well as studies of terrestrial analogs to gain insight into ancient Martian environments. These papers incorporate data from recent orbiter and rover missions, and are designed to provide both terrestrial and planetary geologists with an overview of our current knowledge of Mars sedimentology, as well as outstanding questions related to sedimentary processes on Mars. For more information about SEPM publications visit the website at: <http://www.sepm.org>

**SPECIAL EDITION OF THE YES NETWORK'S NEWSLETTER ISSUED**

For the latest edition of the Young Earth Scientists YES Network's Newsletter visit the website at: <http://www.networkyes.org/index.php/news/>  
Highlights of the Newsletter include:

- YES Elections 2012-2014: Team Members Elections are now open (information about the key YES Teams is on page 5)
- YES Congress 2012: for a summary of the YES events at the IGC in Brisbane last August! (see page 6)
- Community news: Don't miss deadlines for Geoscience events! (page 10)
- Resources: Check out the ExxonMobil Middle East and North Africa Scholars Program! (page 11)
- This month's featured profile is of Syed Ajijur Rahman from Indonesia.
- Are you interested in collaborative and leadership opportunities? If so, see page 4 for more details! For more information on the YES Network visit the Yes Network website at: <http://www.networkyes.org/>

#### **WEBCAST ON STUDENT RECRUITMENT IN THE GEOSCIENCES NOW AVAILABLE FROM AGI**

As part of the American Geosciences Institute (AGI) collaboration with the American Geophysical Union on its Earth and Space Sciences Heads and Chairs Program, AGI is pleased to announce the availability of a recorded webcast of the September 20, 2012 webinar focused on Student Recruitment strategies for geosciences programs. The session was led by Dallas Rhodes (emeritus) and Charles Trupe (Associate Professor) of Georgia Southern University who discussed particularly successful strategies in student recruitment in their geosciences program. In addition, the full discussion session with other Earth and Space Science Heads and Chairs follows the presentation which highlights other successes and challenges in recruiting quality students into geosciences programs.

To view this webcast or see the schedule of upcoming webinars, see: <http://www.agiweb.org/workforce/headsandchairs>.

#### **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 Ms Rohini RAO email ([Rohini@icsu.org](mailto:Rohini@icsu.org)) by the 1 December 2012 deadline for receipt of applications.

#### **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 - The American Geosciences Institute (AGI) Outreach & News. See: <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 (CPCEMR) website is at: <http://www.circumpacificcouncil.org>

EARTH - earth, energy and environment news from The American Geosciences Institute (AGI) online at <http://www.earthmagazine.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 (EGS) 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>

Future Earth Initiative - news and activities at: <http://www.icsu.org/future-earth/>

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 (GS) (<http://www.geochemsoc.org/>) has partnered with MultiView Inc. to launch an official email news resource, "Geochemical News". See: <http://multibriefs.com/briefs/gs/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\\_eneews.asp](http://www.iah.org/news_eneews.asp).

ICSU - The International Council for Science (ICSU) newsletter "ICSU

Insight" has updates on 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)

IUCr - The International Union of Crystallography newsletter site: <http://www.iucr.org/news/newsletter>

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 - International Union of Geological Sciences (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 (PDF format) from <http://www.iuss.org> . The monthly IUSS Alert newsletter is available 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 (RCMNS) 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 (SCOPE) quarterly transdisciplinary journal "Environmental development". See: <http://www.sciencedirect.com/science/journal/22114645>

SEPM - The Society for Sedimentary Geology (SEPM) quarterly publication The Sedimentary Record. See: <http://www.sepm.org/pages.aspx?pageid=37>

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

UNESCO - The United Nations Educational, Scientific and Cultural Organization open access journal "A World of Science". See: <http://www.unesco.org/new/en/natural-sciences/resources/periodical/a-world-of-science/>

YES -The Young Earth-Scientists YES Network Newsletters : <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 (<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 email your meeting posting requests directly to the Peter Bobrowsky (at [pbobrows@nrcan.gc.ca](mailto:pbobrows@nrcan.gc.ca)) or to the IUGS Secretariat at [IUGS@usgs.gov](mailto:IUGS@usgs.gov), or to the IUGS E-Bulletin Editor. To see the IUGS listing of forthcoming geoscience meetings, conferences, and workshops, go to the Calendar section of the IUGS web: <http://iugs.org/index.php?page=calendar>

#### **-----2012-----**

November 12-16, 2012. GCEHWP 2012 - 2nd Global Conference on Environmental Health Problems and Water Pollution. The Comfort Palace Hotel, London, United Kingdom. Details at: <http://www.gcehwp.org.uk/conference.htm>

November 20-21, 2012. International Mine Management 2012. Melbourne, Australia. This conference is the forum to discuss the development of effective operational plans and strategies required to thrive in an increasingly challenging environment. See: [www.ausimm.com.au/imm2012](http://www.ausimm.com.au/imm2012)

November 27-29, 2012. The 12th Arab Mineral Resources Conference and Accompanying Exhibition. Sadaka Hall, Khartoum, Republic of Sudan. Theme "Mining Investment Sustainable Development and Diversification of Income Sources". Download the pdf of conference details from: [http://www.aidmo.org/armining/docs/aidmo\\_armining\\_12\\_2012\\_brochure\\_en.pdf](http://www.aidmo.org/armining/docs/aidmo_armining_12_2012_brochure_en.pdf) Visit the Conference website at: <http://www.aidmo.org//armining>

December 16-18, 2012. The First Exploration, Mining and Investment Opportunities Congress & Exhibition. Tehran, Iran. Organised by The Geological Survey of Iran. For details see: [http://www.rastak-expo.com/English/about\\_exhibitionE.aspx](http://www.rastak-expo.com/English/about_exhibitionE.aspx)

#### **-----2013-----**

June 3-7, 2013. The European Geothermal Congress 2013 (EGC 2013). Pisa, Tuscany, Italy. Geothermal Energy in focus in Europe. The EGC 2013 will provide a stage to present and discuss new developments in the science, technology, industry, and policy of geothermal energy in Europe. The call for abstracts is now open until 30 November 2012. The first circular of the event is now available online at <http://www.geothermalcongress2013.eu/>.

June 3-7, 2013. CoDaWork 2013. The Fifth International Workshop on Compositional Data Analysis. Vorau, Austria. CoDaWork 2013 offers a forum of discussion for people concerned with the statistical treatment and modelling of compositional data or other constrained data sets, and the interpretation of models or applications involving them. See the website at <http://www.codawork2013.com/>. For details of other forthcoming courses see <http://www.compositionaldata.com//pages/activities/congresses.php>

June 16-22, 2013. SGEM2013 - 13th International Multidisciplinary Scientific GeoConference & Expo. Albena Resort & SPA, Bulgaria. For full details on the SGEM2013 (Surveying Geology & mining Ecology Management) GeoConference see the website at Web site: <http://www.sgem.org>

August 27-31, 2013. The 8th IAG/AIG International Conference on Geomorphology. Paris, France. Theme "Geomorphology and Sustainability". Abstract submission is open until November 1. The updated Second Circular is now available, and the session outlines and field trips notices can be viewed online, together with online registration, at the Conference website: <http://www.geomorphology-iag-paris2013.com/>. See also the IAG/AIG webpage at: <http://www.geomorph.org>

-----2014-----

September 1-5, 2014. The 21st General Meeting of the International Mineralogical Association IMA2014. Sandton Convention Centre, Gauteng Province, South Africa. For current information visit the website at: <http://www.ima2014.co.za/welcome.php>

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With best regards, Hassina MOURI IUGS Councillor [iugsmouri@uj.ac.za](mailto:iugsmouri@uj.ac.za)

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