
News at a Glance

1. **First Workshop on Heritage Stones**
 2. **Recent Achievements of the Heritage Stones Subcommittee and the IGCP-637 Project**
 3. **"Anniversaries": Basalt, 250 Years ago**
 4. **125th Anniversary of the Geological Society of Japan, 2018**
 5. **"EPISODES" News**
 6. **Applications for Membership of the IUGS Publications Committee**
 7. **IAPG - International Association for Promoting Geoethics**
 8. **The UNESCO-IGEO Experts Survey on Geoscience Education**
-

1. First Workshop on Heritage Stones

The Heritage Stones Subcommittee will hold its first Workshop in Salamanca (SPAIN) from 2 to 4 of October 2018. The Workshop is organized within the celebration of the 800 Anniversary of the University of Salamanca. Salamanca became a World Heritage site in 1988.



University of Salamanca. Main Fachade built on Villamayor Sandstone and Martinamor Granite



The meeting will be a good opportunity to discuss stones and geoheritage. We are accepting registrations until 1st of July or until all places (60) are filled). Abstract submission is open also until 1st of July. More information about the Workshop can be found at: <http://globalheritagestone.com/meetings/next-hstg-meeting/>

2. Recent Achievements of the Heritage Stones Subcommittee and the IGCP-637 Project

The main goal of the HSS is to recognize those stones that have been used during many years (even centuries) to build the architectonic heritage of cities and sites around the world. This is also the main objective of the IGCP-637. The new geological standard Global Heritage Stone Resource (GHSR) was approved by the IUGS EC in 2017 and so far eight stones have been approved for their designation as GHSR: Portland Stone (UK), Larvikite (Norway), Petit Granit (Belgium), Podpec Limestone (Slovenia), Carrara Marble (Italy), Hallandia Gneiss (Sweden), Villamayor Sandstone (Spain) and Estremoz Marble (Portugal). More information on the procedure and the designated stones can be found at:

<http://globalheritagestone.com/igcp-637/>



Marble Estremoz aeropuerto Vienna

3. "Anniversaries": Basalt, 250 Years ago

Columnar basalt's igneous origin was first asserted in print **250 years ago**, by **Nicolas Desmarest**. In 1768 the sixth volume of Plates (*Planches*) for the great *Encyclopédie* edited by Diderot and d'Alembert carried a brief article, "Basalte d'Auvergne," accompanying one of two engravings depicting prismatic basalts in the Auvergne region of south-central France. Fuller details are available on:

http://iugs.org/uploads/INHIGEO_Anniversaries%20Basalt%20-%20250%20years%20ago.pdf

Past-President of **INHIGEO**, Professor Kenneth L. Taylor





Images courtesy of the History of Science Collections, University of Oklahoma Libraries.

4. 125th Anniversary of the Geological Society of Japan, 2018

The IUGS congratulates the Geological Society of Japan in its 125th Anniversary year. It was originally founded under the name, Geological Society of Tokyo in 1893. To mark the anniversary the Society will be holding a program of promotion of



5.

research, education, GeoParks and Earth Science Olympiads. Two important events, among many others, are a commemorative ceremony in Tokyo in May 2018 and anniversary conference and international symposium on “Geology and Society” at Hokkaido University in September. Fuller details are available on the websites of IUGS and the Geological Society of Japan.



5. “EPISODES” News

The IUGS Journal “Episodes” is taking a major step forwards. An online submission and review system for handling papers has been secured by the Editorial team at the Geological Society of Korea. This will be brought into use shortly to secure more efficient handling of papers.

The March 2018 issue of the journal is now available at www.episodes.org. It is a strong issue with papers that will be of interest to several sectors of the IUGS community. There is an important stratigraphic contribution on the Global Stratotype Section and Point (GSSP) for the base of the Chattian Stage, Oligocene Series, at Monte Cagnero, Italy. A geoheritage paper that is also relevant to stratigraphic sections considers protection of key sections in China as a suggested model for important global reference outcrop sections in general.

Two contributions cover resource-related issues. One presents a case study of the Kohat-Potwar Geologic Province, Pakistan, on estimation of reservoir properties to reduce uncertainty in Formation evaluation and rock physics modeling. The other examines ground ruptures consequent on over-exploitation of groundwater in Jalisco, Mexico. An interesting discussion of a volcanic topic concerns the possible influence of sea-level change on the switch from fissure-type to central-type volcanism at Mount Etna, Sicily.

There are two environment related papers. One considers a contemporary issue - alternative methods of estimation of soil temperature in Antarctica. The other considers environmental conditions of the early Triassic in eastern Iberia but with a unique twist – considering how this might lead to a better understanding the habitability of ancient Mars.

The issue is rounded off by a review of Gleeson and Ingebritsen's recent book on “Crustal Permeability” - the first book to cover both hydrogeologic permeability and dynamic processes in geological changes including applied geologic implications – and brief profiles of IUGS's 2 vice-presidents.



6. Applications for Membership of the IUGS Publications Committee

The IUGS Publications Committee gives advice to the IUGS Bureau and Executive on matters relating to the IUGS Journal “Episodes”, books arising from IUGS activities, the IUGS E-Bulletin and the IUGS Website as well as liaising with others who are responsible for IUGS “Social Media”.

The present Committee was convened in 2012 and would have terminated in 2016 but, because of the impending transfer of Editorial responsibility for “Episodes” from the Geological Society of India to the Geological Society of Korea in 2016, it was given an exceptional extension until mid-2018 to secure a smooth transfer.

The present Publications Committee consists of 5 people of whom 4 are males and three are from Europe (plus the Secretary General of the IUGS who is from the USA). Following the next Publications Committee meeting in July 2018 one new member will need to be appointed. Applications are invited. All candidates must have a good track record of personal high quality publication and reasonably extensive editorial experience. In line with IUGS principles to encourage diversity it would be good if the new Committee appointment could help to achieve a slightly better gender and geographical balance.

Proposals should be submitted, **by 31st May 2018**, to Dr Brian Marker, Chairman of the Publications Committee at marker.brian1@gmail.com.

7. IAPG - International Association for Promoting Geoethics

Programme of the IAPG events at the EGU - General Assembly 2018 (Vienna):

- Session EOS4: "Geoethics: ethical, social and cultural implications of geoscience knowledge, education, communication, research and practice" (convenership: Silvia Peppoloni, Nic Bilham, Martin Bohle, Giuseppe Di Capua, Eduardo Marone)

Oral presentations: 12 April 2018, 08:30-12:00; Room L7

Poster presentations: 12 April 2018, 08:00-19:30, attendance 13:30-15:00; Hall X1

List of presentations: <http://www.geoethics.org/egu2018>

- Townhall Meeting TM11: "Seeking Engagement and Input on Harassment and Workplace Climate Issues within the Geoscience Community" (convenership: Silvia Peppoloni, Nicholas T. Arndt, Pranoti Asher, Vincent Cronin, Chloe Hill, Mary Anne Holmes, Christopher Keane, Chris McEntee). A joint event IAPG-AGI-AGU-EGU:

<https://meetingorganizer.copernicus.org/EGU2018/session/29447>.

Oral presentations: 10 April 2018, 19:00–20:00; Room G2

- Splinter Meeting SMI28 (by invitations only): "IAPG business meeting" (convenership: Silvia Peppoloni, Giuseppe Di Capua) 11 April 2018, 15:30–17:00; Room 0.15

Call for abstracts for the 36th General Assembly of the European Seismological Commission:

- Session S40: "Seismology and Society" at the 36th General Assembly of the European Seismological Commission. This session is supported by IAPG:

http://www.escmalta2018.eu/page/Sessions_n#S40

Abstracts submission deadline: 31 March 2018.

- Session P50: "History of geosciences and Geoethics: the right way for social responsibility"




at the 89th Congress of the Geological Society of Italy (Catania, 12-14 September 2018), jointly with the Italian Society of Mineralogy and Petrography. This session is supported by IAPG and INHIGEO: <http://www.sgicatania2018.it/index.php/sessioni/elenco-sessioni-new#P50>

Abstracts submission deadline: 21 May 2018.

More news on the IAPG: <http://www.geoethics.org>

8. The UNESCO-IGEO Experts Survey on Geoscience Education

The UNESCO Montevideo, Regional Office for Sciences for Latin America and the Caribbean - IGEO survey on geoscience at primary and secondary school level ran between May and September, 2018. The results are being prepared as two separate reports. One report covers all the 37 non-Latin American countries that responded to the survey, whilst another covers Latin-American countries. The data from these 37 countries was provided by IGEO and IUGS-COGE members. Both reports should be available soon, and will be notified in a future edition of this bulletin.

WE INVITE YOU TO PARTICIPATE

IN OUR COLLABORATION NETWORK

SEND US YOUR INFO THROUGH OUR WEB:

<http://on.unesco.org/2e5xP2N>


SHARE THIS WITH YOUR PEERS!

SEARCH FOR EXPERTS IN GEO-EDUCATION


To create a network in Latin America and the Caribbean

We are working in the field of education in Earth Sciences and we seek to contact experts in Latin America and the Caribbean, both academics as practitioners and decision-makers. We aim to create a collaborative network to help us to move forward together in this area of scientific education.

UNESCO
International Geoscience and Geoparks Programme for Latin America and the Caribbean
Science Regional Office
Montevideo Office
<http://on.unesco.org/2e5xP2N>



The UNESCO 'Search for Experts in Geoscience Education' across Latin America – English version.



TE INVITAMOS A PARTICIPAR

EN NUESTRA RED DE COLABORACIÓN

ENVÍANOS TUS DATOS A TRAVÉS DE NUESTRA WEB:

<http://on.unesco.org/2finHkV>


¡REENVÍA ESTA INFORMACIÓN A TUS PARES!

BUSCAMOS EXPERTOS EN GEO-EDUCACIÓN

Para crear una red en América Latina y el Caribe

Estamos trabajando en el campo de la educación en Ciencias de la Tierra y nos gustaría contactar a los expertos de la región, tanto del ámbito de la academia como de la práctica docente y la toma de decisiones. Queremos crear una red de colaboración que nos permita avanzar juntos en esta área del conocimiento científico.

UNESCO
Programa Internacional de Geociencias y Geoparques para América Latina y Caribe
Oficina Regional de Ciencias
Oficina de Montevideo
<http://on.unesco.org/2finHkV>



The UNESCO 'Search for Experts in Geoscience Education' across Latin America – Spanish version.



EDITORS' NOTES:

CONTRIBUTING TO THE IUGS E-BULLETIN, WEBSITE AND SOCIAL MEDIA

IUGS wishes to better co-ordinate public cation of information on **news, events and achievements** arising from IUGS activities (**not science reports or papers**).

All IUGS Commissions, Task Groups, Initiatives and IGCP projects are requested to provide a steady flow of material. Contributions from Adhering Bodies and Affiliates will also be welcomed.

To aid co-ordination and standardization, IUGS has introduced a preferred format and a monthly timetable.

Format of submitted material:

Contributors should provide:

For the E-Bulletin: 2 or 3 sentences with between 1 and 3 illustrations (photographs, diagrams etc.) with captions as separate .jpg, .gif or .png files with a resolution of 150 dpi; optimally accompanied, by:

For the web site: a concise text of about 0.5 to 1 A4 page (up to about 600-700 words), if possible providing a web-link (e.g. to an IUGS activity website).

The short text in the E-Bulletin will be hyperlinked to any longer text which will be placed on the IUGS website. Items that are not in reasonably good English will be returned for improvement. Others will be edited for use of English if necessary. If proposed contributions are too long, they will be returned for shortening. All images must, if necessary, be copyright-cleared before submission.

Contributions should be sent to IUGS Vice-President Dr. Kristine Asch, copied to Susanna Kösterke:

Kristine.Asch@bgr.de
Susanna.Koesterke@bgr.de

Timetable:

The idealized timetable for the E-Bulletin is:

1. IUGS sends a reminder to leaders of activities in the last week of each month;
2. Contributions should be provided by the 16th day of that month (**items arriving after that date cannot be included in the next monthly issue**);
3. IUGS will evaluate all submitted items in terms of urgency and will allocate these to the next monthly issue or a later issue and will also check that these comply with IUGS policy for publications and ethics;
4. The IUGS Team will aim to compile that month's E-Bulletin by the 25th day of the month and send it to the IUGS Secretariat;
5. The IUGS Secretariat will dispatch the E-Bulletin to the IUGS Community on, or before, the last day of each month;
6. Long versions of material will be posted on the IUGS Website in coordination with the publication of the relevant E-Bulletin.

This timetable will be varied, as necessary, to allow for public holidays that affect the E-Bulletin Team and IUGS Secretariat such as Christmas and Chinese New Year.

NOTES

- If you require notices, information on publications, etc. to be considered for inclusion in forthcoming IUGS e-bulletins, please mail to Kristine.Asch@bgr.de and amel.barich@gmail.com.
- Please check the IUGS [Calendar of Events](#) for upcoming scientific meetings this coming month. If you require information on international conferences, meetings, etc. to be considered for inclusion in this Calendar please mail to: giuseppe.dicapua@ingv.it
- To be added to or removed from the IUGS e-bulletin distribution list, please <mailto:iugs.beijing@gmail.com> or secretariat@iugs.org.
- Follow the IUGS on Social Media! We are on [Facebook](#), [Twitter](#), [LinkedIn](#) and [Google+](#).
- Check the IUGS web site: <http://www.iugs.org/>

Edited by:

*Kristine Asch (IUGS, BGR), Susanna Kösterke (BGR), Amel Barich (IUGS)
and Brian Marker (IUGS)*

www.iugs.org



An IUGS Event

RFG 2018
 RESOURCES FOR FUTURE GENERATIONS

**PREMIER INTERNATIONAL CONFERENCE ON
ENERGY • MINERALS • WATER • THE EARTH**

June 16-21, 2018

Vancouver Convention Centre

Vancouver, BC, Canada

WHERE ON EARTH WILL YOU BE IN 2018?

Resources for Future Generations is a global conference covering earth science, major resources—energy, minerals and water—and societal implications. Join us for this exciting event in magnificent Vancouver, Canada!



KEY DATES FOR YOUR CALENDARS:



Organizers



Supporters



Find more information at
RFG2018.ORG



An IUGS Event



RFG 2018

RESOURCES FOR FUTURE GENERATIONS | VANCOUVER, CANADA

PREMIER INTERNATIONAL CONFERENCE ON
ENERGY • MINERALS • WATER • THE EARTH

EMPOWER A GENERATION - GET RESOURCEFUL

-  **Discovery**
4-day technical program
2,500+ oral presentations and poster sessions
Opening and theme-based plenaries
-  **Education**
Short courses and field trips
-  **Community**
4,000 to 5,000 Canadian and international participants
-  **Exhibition**
3-day trade show
-  **Students & Emerging Leaders**
Dedicated sessions and events
-  **Networking**
Knowledge exchange and business opportunities

JUNE 2018

BOOKMARK THE DATE

3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30



 #RFG2018

Get the latest updates at RFG2018.org

Organizers

Canadian Institute of Mining, Metallurgy and Petroleum  Institut canadien des mines, de la métallurgie et du pétrole

 GEOLOGICAL ASSOCIATION OF CANADA / ASSOCIATION GÉOLOGIQUE DU CANADA

 MINERALOGICAL ASSOCIATION OF CANADA / ASSOCIATION MINÉRALOGIQUE DU CANADA

Supporters

 CFES FCST
Canadian Federation of Earth Sciences / Fédération canadienne des sciences de la Terre

 Canada



+ 30 Technical Partners