
News at a Glance

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8. **Workshop of Korean Active Faults R&D Project March 15th - 18th 2018 in Gyeongju, Korea.**
9. **Update on the IGCP Programme**

1. 2nd International Symposium on Medical Geology in Africa (ISMGAf-2)

The University of Johannesburg, South Africa will be hosting the 2nd International Symposium on Medical Geology in Africa (ISMGAf-2) from the 5th to the 7th of November 2018. The event will consist of a 2 day short course and one day of general presentations (oral and posters) by anyone who is interested in attending. The short course will be presented by Prof Brenda Buck (University of Nevada, Las Vegas, USA), Prof Kim Dowling (Federation University Australia, Ballarat, Australia), Dr Mark Cave (BGS, UK) and Prof Deborah Keil (Montana State University, USA). In addition to Prof Olle Selinus and Prof Bob Finkelman will give 1 lecture each during the day of general presentations.

To date, the event is sponsored by the International Union of Geological Science (IUGS) and the University of Johannesburg.

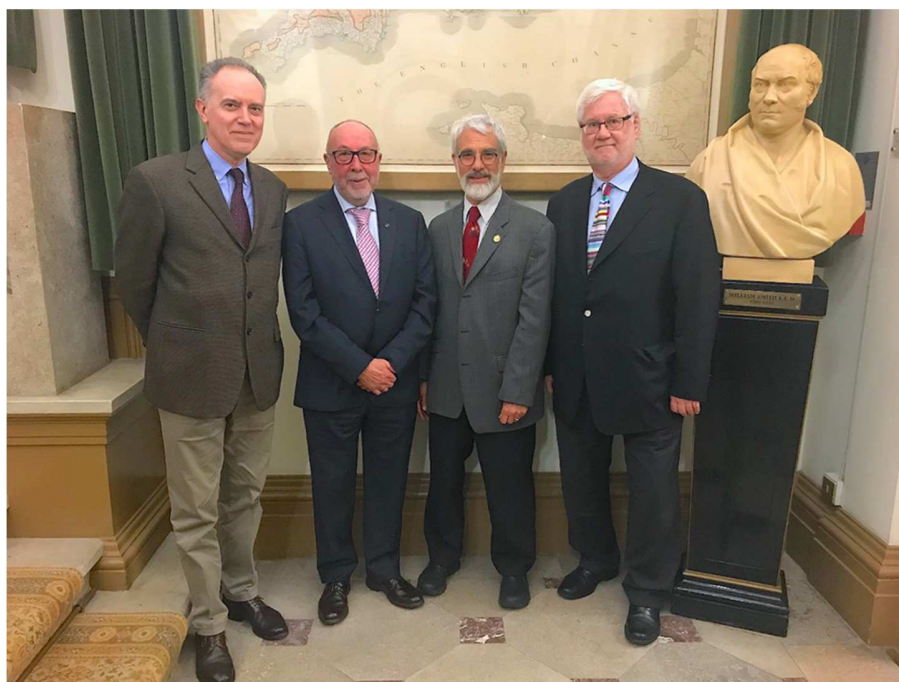


Further information on the event, can be found in the 1st circular, which can be accessed through the following link: <https://www.uj.ac.za/faculties/science/geology/Pages/Medical-Geology-Research-Group.aspx>

Contact Person: Prof Hassina Mouri (hmouri@uj.ac.za)

2. IUGS Finance Committee Kick-Off Meeting

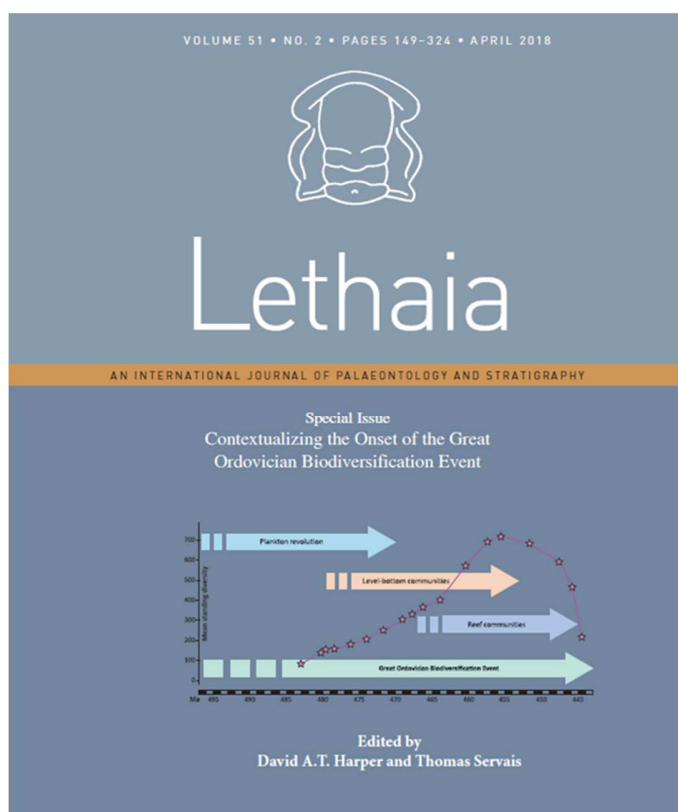
The first meeting of the recently established IUGS Finance Committee took place on March 12, 2018 at the Royal Society in London. Members of the Committee (pictured below, left to right) are:



William Cavazza (IUGS Vice-President), Edmund Nickless (IUGS Councillor, formerly Executive Secretary, Geological Society of London), Jack Hess, (President, Geological Society of America Foundation, formerly GSA Executive Director); Andy Fleet (Chair and Trustee, Dorset County Museum, formerly Assistant Director of Science, Natural History Museum, London)

3. News from the International Commission on Stratigraphy

Activity on Global Boundary Stratotype Sections and Points is gathering momentum with discussions and votes on new stages and their boundaries within the Cambrian, Permian and Quaternary systems; it is hoped these GSSPs will be forwarded to the IUGS for ratification later this year. The translations of the chart continue to multiply with the addition of Brazilian Portuguese, German and Russian versions (www.stratigraphy.org). And finally the Ordovician is in the news again with a thematic issue of *Lethaia* (a recognized outlet for ICS related publication) devoted to the Great Ordovician Biodiversification Event.



4. IUGS thanks Angharad Hills of the Geological Society of London

After more than 30 years working for the Publishing House of the Geological Society of London, Angharad Hills is leaving to enjoy life on the UK's South Wales coast. Angharad has been responsible for commissioning books, such as Geological Society Special Publications arising from IUGS activities. Collaboration and communication between the IUGS Publications Committee and Angharad and the team at the GSL has always been easy and constructive. We will miss her help. The Geological Society of London held its annual Books Editorial meeting on 12th March 2018 at which best wishes to Angharad for her future were warmly supported by the participants.



5. News from the IUGS Initiative on Forensic Geology (IFG)

1. IUGS-IFG and the Italian House of Representatives

On 22 February 2018, the Italian House of Representatives (the Italian Parliament) invited Dr Rosa Maria Di Maggio, IUGS-IFG Officer for Europe, to deliver a presentation on forensic geology, entitled 'The Missing: Social, Technical and Juridicial Issues'. The conference, organised by Italian political parties, was aimed at highlight the Italian 'state of art' at planning, implementing and managing the search for missing persons.



Rosa Maria Maggio, IUGS-IFG Officer for Europe
Italian House of Representatives
22nd February 2018



2. Brazilian Federal Police and Forensic Geology

The IUGS-IFG Officer for Latin America, Dr Fábio Augusto da Silva Salvador, delivered presentations on forensic geology at the Quadrennial Conference of the International Geoscience Education Organization (IGEO) and the Brazilian Geological Congress.

3. European Network of Forensic Science Institutes (ENFSI), Animal, Plant and Soil Traces (ASPT), Working Group at the James Hutton Institute

Prof Lorna Dawson, IUGS-IFG Treasurer, hosted a group at the James Hutton Institute on 20 to 22 February. The ENFSI working group to provide a soil handling best practice manual for European Accredited Forensic Laboratories. This is a two-year project funded by the EU.

6. IAPG - International Association for Promoting Geoethics

- New members of the IAPG Board of Experts: Ruth Allington (United Kingdom) for "Geoscience Professionalism", Manuel Florentino Gomes Abrunhosa (Portugal) for "Geoethics in Groundwater Management", Juan Carlos Gutiérrez-Marco (Spain) for "Geoethics in Paleontology".

- IAPG and the YES Network have signed a Memorandum of Understanding. Both organizations are IUGS affiliated.

- Call for Abstracts for the 89th Congress of the Geological Society of Italy (Catania, 12-14 September 2018):

Session P50: "History of geosciences and Geoethics: the right way for social responsibility" (Conveners: M. Pantaloni, S. Peppoloni, F. Console, G. Di Capua). This session is supported by IAPG and INHIGEO: <http://www.sgicatania2018.it/index.php/sessioni/elenco-sessioninew#P50>.

Abstracts submission deadline: 21 May 2018.

- First announcement of the International Congress: "Geoethics & Groundwater Management: Theory and Practice for a Sustainable Development", a joint event IAPG and IAH

- International Association of Hydrogeologists. Porto (Portugal), 21-25 October 2019.

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



7. “Anniversaries”: the hesitant birth of the term ‘geology’ 240 years ago

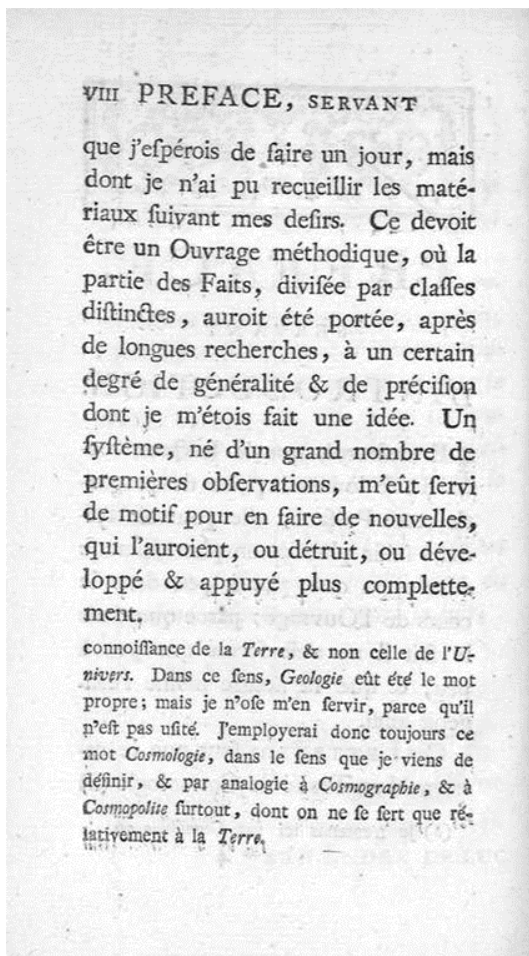


Figure A: Jean-André De Luc, *Lettres physiques et morales sur les montagnes, et sur l'histoire de la terre et de l'homme*, Den Haag 1778-1780, 6 Volumes, vol.1, p. VIII (Images Courtesy of the Library of the University of Vienna).

The term “geology” was first introduced by the Swiss bourgeois and meteorologist Jean-André Deluc (also de Luc) 240 years ago. It was a hesitant birth: “Geologie” was only mentioned in a footnote in the first volume of his book “Lettres physiques et morales sur les montagnes et sur l’histoire de la terre” (1778). Geology, defined as a proper noun, was supposed to replace “Cosmologia”. Nevertheless, Deluc avoided mentioning the term in this book because it was not yet common, as he admitted.

General-Secretary of INHIGEO, Professor
Marianne Klemun (Vienna)

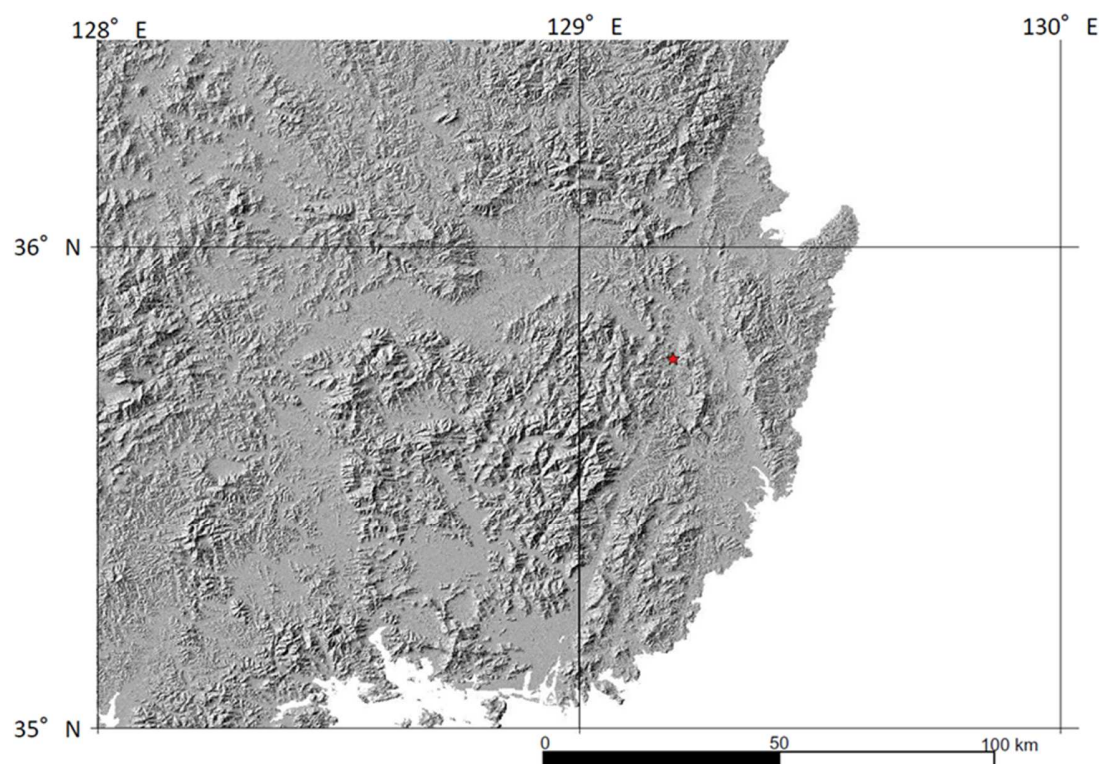
Fuller details are available on:

http://iugs.org/uploads/INHIGEO_Anniversaries_Coining_the_term_geology_240_years_ago.pdf

8. Workshop of Korean Active Faults R&D Project March 15th - 18th 2018 in Gyeongju, Korea.

Yasukuni Okubo, Chair of IUGS Task Group on Geohazards (TGG)

The Gyeongju earthquake (ML=5.8) occurred on 12th September 2016. The earthquake was small, but large enough to shake Korea.



The red star indicates the location of Gyeongju earthquake occurred on 12th September 2016. Relief map of ASTER GDEM by NASA and Ministry of Economy, Trade and Industry. Courtesy of Japan Space Systems.

The Korean peninsula, a part of the Eurasian plate, illustrates aspects of intraplate seismicity. The level of seismicity is quite low compared with neighboring parts of northeastern



China and Japan. However, 14 damaging earthquake events (estimated greater than M 6.4) have been recorded during the past 2000 years. Most of them occurred around the Gyeongju-Ulsan area.

To contribute to the national plan for the mitigation of earthquake disaster, the Korean government launched a new project to compile the national active fault map. The main aims of the project are 1) to make the Korean active faults map based on investigation and research on active faults, and 2) to standardize investigation and evaluation methodologies for Korean active faults.

Under the project, the workshop of Korean Active Faults R&D Project was held during March 15th - 18th 2018 in Gyeongju. The workshop aimed at collaboration with Japan, Taiwan and Vietnam to share their experiences. The author participated in the in-house discussion during 15th-16th and field excursion during 17th – 18th March.

IUGS TGG continues to contribute to mapping of active faults and tectonic interpretation by providing geological and geophysical information, remote sensing images and our experiences.



Field investigation of a trench at Gyeongju (March 17th 2018).

9. Update on the IGCP Programme

IUGS sponsors the International Geoscience Programme (IGCP). The new list of current projects is:

Status	Number	Project	Duration
On extended term	608	Asia-Pacific Cretaceous Ecosystems	On extended term
	609	Cretaceous sea-level changes	
	610	From the Caspian to the Mediterranean: environmental change and human responses during the Quaternary	
	628	The Gondwana Map Project	
Continuing projects	630	Permian-Triassic climatic and environmental extremes and biotic responses	2014-2018
	632	Continental crisis of the Jurassic	2014-2018
	636-Y	Characterization and sustainable exploitation of geothermal resources	2016-2018
	637	Heritage stone designation	2015-2019
	638	Paleoproterozoic Birimian geology for sustainable development	2016-2020
	639	Sea level changes from minutes to millenia	2016-2020
	640	Significance of modern and ancient submarine slopes and landslides	2015-2019
	641	Deformation and fissuring caused by exploitation of subsurface fluids	2015-2018
	643	Water resources in wet tropics of West Africa	2015-2019
	646	Dynamic interaction in tropical Africa	2015-2018
	648	Supercontinent cycles and global geodynamics	2015-2019
	649	Diamonds and recycled mantle	2015-2019
	652	Reading geologic time	2017-2021
	653	The onset of the great Ordovician biodiversification event	2016-2020
655	Toarcian oceanic anoxic event	2017-2019	



	661	The critical zone in karst systems	2017-2021
New projects	659	Seismic risk assessment in Africa	2018-2021
	662	Orogenic architecture and crustal growth from accretion to collision	2018-2022
	663	Land subsidence in coastal cities	2018-2021
	665	Sustainable use of black soil critical zone	2018-2022
	667	World map of the Orogens	2018-2020
	668	Equatorial Gondawana history and early Palaeozoic evolutionary dynamics	2018-2022
	672	Himalayan glaciers and risks to local communities	2018-2022



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.

Each contribution to the IUGS E-Bulletin, website and/or social media should be marked as to which target medium or media it should be published in. Each contribution should be sent, at the same time, to the following addresses:

Kristine.Asch@bgr.de	(E-Bulletin editor)
Susanna.Koesterke@bgr.de	(E-Bulletin secretary)
giuseppe.dicapua@ingv.it	(webmaster)
amel.barich@gmail.com	(social media officer)

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)*

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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



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