
News at a Glance

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1. **73rd IUGS Executive Committee Meeting, 27 February to 2 March 2019**

The 73rd IUGS EC Meeting was held in conjunction with the Deep-time Digital Earth (DDE) forum in Beijing, China. The more than 60 participants included the members of the Executive Committee, the staff of the Secretariat, representatives of all Committees, Commissions, Task Groups, Initiatives, and Joint Programs, and representatives of the 36th IGC, the 37th IGC, and several Affiliated Organizations and Adhering Countries. The agenda was extensive. All representatives reported in detail their major work in 2018 and in-depth exchanges were conducted on the on-going IUGS scientific activities. At the Closed Session of the 73rd IUGS EC Meeting, the EC Members discussed a wide range of issues, including a call for bidding for the 38th IGC, IUGS activities at the 36th IGC, IUGS awards, Call for Nominations of EC members for 2020-2024, applications of new Task Groups, ARC reviews, future of “Resourcing Future Generations” Initiative, copyright of IUGS scientific products, 2019 financial allocations, and meetings of the IGCC and the IUGS Bureau. The next Bureau meeting will be held in conjunction with a meeting of the International Geological Congress

Committee (IGCC) in New Delhi, India in May 2019. A fall Bureau meeting likely will be held in St. Petersburg, Russia in September or October 2019.

The 73rd IUGS Executive Committee Meeting was co-sponsored by the China Geological Survey and the National Natural Science Foundation of China.

See the agenda of the meeting at:

http://iugs.org/uploads/Reports/Agenda_73rd_IUGS_EC_Meeting_Final.pdf



Fig. 1 – Members of IUGS EC enjoy a dinner after a three long days of meetings. At the dinner (left to right) are Vice President Kristine Asch, Treasurer Hiroshi Kitazato, Vice President William Cavazza, Councilor Edmund Nickless, Councilor Claudia Mora, Secretary General Stan Finney, President Qiuming Cheng, Councilor Silvia Peppoloni, and Director of the IUGS Secretariat Yongzheng Ma. Missing is councilor Ben Mapani.

2. The Deep-time Digital Earth (DDE): the first IUGS-recognized big science program officially launched at the 73rd IUGS EC Meeting and DDE Forum held in Beijing

Consistent with the goal of enhancing the leading role of IUGS in geosciences, IUGS President Qiuming Cheng proposed at the 72nd IUGS Executive Committee meeting to establish an IUGS Big Science International Program. The criteria for an IUGS Big Science Program would be to address global and major issues through international collaboration and trans-disciplinary research, to be global, free, open and sharing services, to collaborate with ISC (the International Science Council) and UNESCO, to promote the participation of under-represented nations, to increase the level of interaction with IUGS constituent groups and collaboration with other organizations, and ultimately, to improve the engagement of IUGS membership. Over the past year IUGS has made great progress in this initiative. The Deep-time Digital Earth (DDE) program initiated by Chinese scientists and supported by several IUGS constituent bodies was approved by IUGS EC, and DDE was officially launched at the 73rd IUGS EC meeting and DDE Forum held in Beijing, China from February 25th to March 2nd, 2019. The events brought together 254 delegates from 24 countries and regions. The meeting delegates were from a number of international organizations, including ISC, UNESCO, IGU, INQUA, IUGG, ISPRS as well as IUGS scientific bodies and Affiliated Organizations, geological surveys, prestigious academic institutions and universities of various countries.

- Among the DDE activities accomplished were the signing of the DDE Accord, Academic Presentations and Roundtable meetings, and Officials Appointed.
- The 73rd IUGS Executive Committee Meeting and the Forum of the Deep-time Digital Earth (DDE) Program were co-sponsored by China Geological Survey and National Natural Science Foundation of China, and co-organized by Chinese Academy of Geological Sciences and China University of Geosciences (Beijing).

More details at:

http://iugs.org/uploads/Reports/IUGS_Deep_Time_Digital_Earth_Launched.pdf



Fig. 2 – Participants in the DDE Forum.

3. Call for Nominations for positions on the IUGS Executive Committee



The Chair of IUGS Nomination Committee, Roland Oberhänsli, has issued the Call for Nominations for positions on the IUGS Executive Committee for the term starting in 2020. These positions are President, Secretary General, Treasurer, Vice Presidents (2) and Councilors (2). In addition, they include the position of Councilors (2) for the term of 2022-2026. The IUGS Nomination Committee must finalize the slate of candidates no later than the end of November 2019. Accordingly, the Nomination Committee must receive all nominations by 31 July 2019. Nominations, including a letter of recommendation, the completed nomination form, the nominee's CV and publication list, and an agreement and motivation statement by the nominee should be sent electronically to the chair of the nomination committee Roland Oberhänsli (iugs@geo.uni-potsdam.de) not later than 31 July 2019.

Following the IUGS Bylaws, candidates for the positions of President, Secretary General and Treasurer should not only be nominated but also supported with an adequate travel grant from the nominating institution. The experience over the last 8 years has demonstrated that the President and Secretary General will typically need to travel to international meetings 8-10 times per year, and the Treasurer 4-6 times.

The responsibilities and activities of members of the Executive Committee are specified in the IUGS statutes (#37-41) and bylaws (#11-20).

Links:

- Letter by the Chair of IUGS Nomination Committee, Roland Oberhänsli:
http://iugs.org/uploads/Calls/IUGS_Nomination_Call_2019.pdf
- Nomination Form:
http://iugs.org/uploads/Calls/IUGS_Nomination_Form_Call_2019.docx
- IUGS Statutes and Bylaws:
<http://iugs.org/uploads/Statutes%20and%20Bylaws%20IUGS%2035th%20IGC.pdf>

4. Call for Nominations for IUGS Awards and for experts for ad-hoc review panels

Call for Nominations for the Émile Argand Medal - the highest award of the IUGS

The IUGS Émile Argand Medal will be presented at the 36th International Geological Congress in New Delhi, India in March 2020. The award emphasizes eminent and ground-breaking scientific achievements. The nomination process is now open, and nominations will be accepted not later than 30 June 2019. Nominations can be made by anyone in the IUGS community and are to be forwarded to the IUGS Secretary General. Full details on the nature of the medal and the nomination, selection and award processes are in the Terms of References at: http://iugs.org/uploads/Medals/Argand_Medal_TOR.pdf

Open Call for External Experts to identify the recipient of the Émile Argand Medal

According to the Terms of Reference, the recipient of the Émile Argand Medal will be identified by an independent ad-hoc panel composed of not more than five external experts. All members of the panel of external experts shall evaluate all candidates. The EC will select the members of the panel following an open call. The selection of panel members will consider discipline, gender balance, geographic cover. The panel will propose the recipient to the EC, which will make the final decision. Those wishing to serve on the ad-hoc panel are to contact IUGS SG Stan Finney no later than 31 May 2019.

Call for Nominations for the IUGS Early Career Award

The IUGS Early Career Award will be presented at the 36th International Geological Congress in New Delhi, India in March 2020. The award recognizes outstanding research contributions by an early career scientist. The nomination process is now open and nominations will be accepted not later than 30 June 2019. Nominations can be made by anyone in the IUGS community and are to be forwarded to the IUGS Secretary General. Full details on the nature of the medal and the nomination, selection and award processes are in the Terms of References at: http://iugs.org/uploads/Medals/Early_Career_Award_TOR.pdf

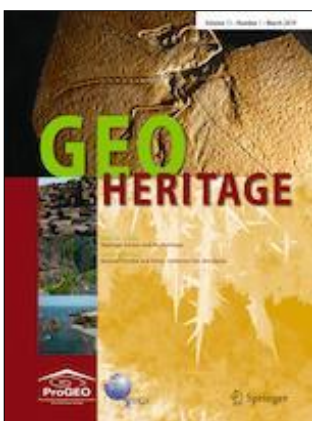
Open Call for External Experts to identify the recipient of the IUGS Early Career Award

According to the Terms of Reference, the recipient of the IUGS Early Career Award will be identified by an independent ad-hoc panel composed of not more than five external experts. All members of the panel of external experts shall evaluate all candidates. The EC will select the members of the panel following an open call. The selection of panel members will consider discipline, gender balance, geographic cover. The panel will propose the recipient to the EC, which will make the final decision. Those wishing to serve on the ad-hoc panel are to contact IUGS SG Stan Finney no later than 31 May 2019.

Call for Nominations for the IUGS James M. Harrison Award for distinguished service

The IUGS James M. Harrison Medal will be presented at the 36th International Geological Congress in New Delhi, India in March 2020. The award acknowledges an individual who has made outstanding contributions to IUGS activities. The nomination process is now open, and nominations will be accepted not later than 30 June 2019. Nominations can be made by anyone in the IUGS community and are to be forwarded to the IUGS Secretary General. Full details on the nature of the award and the nomination, selection and award processes are in the Terms of References at: http://iugs.org/uploads/Medals/Harrison_Award_TOR.pdf

5. IUGS Heritage Stones Subcommittee: new achievement



The Heritage Stones Subcommittee has produced a new publication: Heritage Stones and Geoheritage, published in the journal Geoheritage, Springer, as a Special Issue. This volume is a compilation of articles sourced from contributions to sessions on Heritage Stones that were held in different international conferences. The articles describe stones that are part of heritage sites around the world and other geoheritage issues. <https://link.springer.com/journal/12371/11/1>

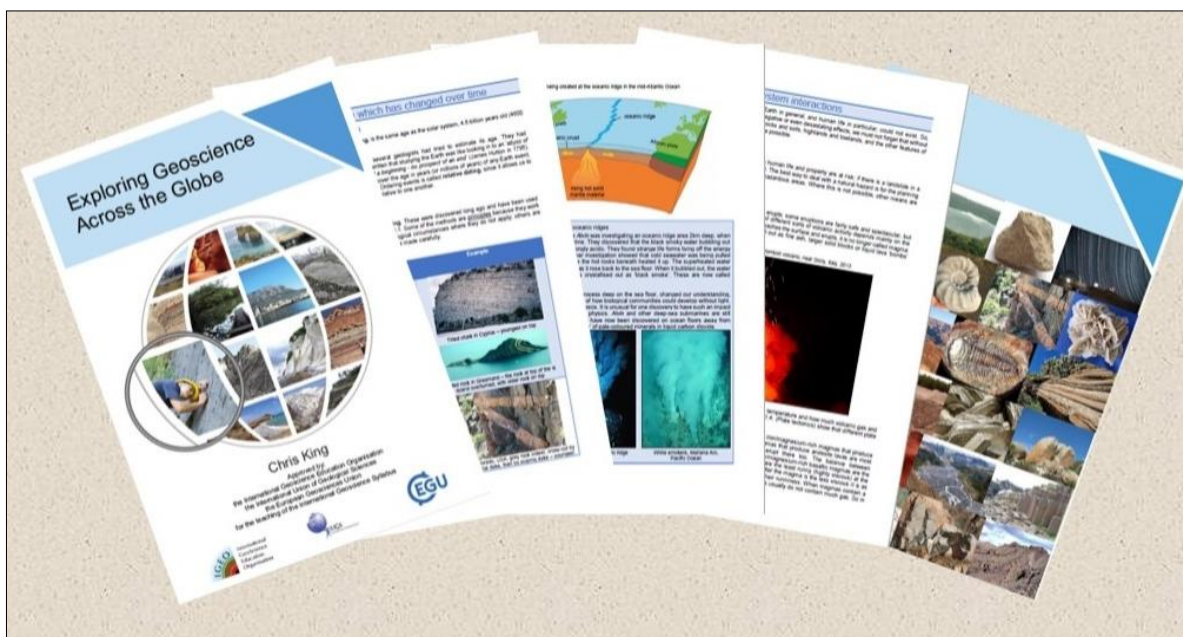
6. News from IUGS COGE: publication of Geoscience Textbook

The “Exploring geoscience across the globe” textbook has been published for free on-line download at: <http://www.igeosced.org/teaching-resources/geoscience-text-books/>. The textbook covers all that an able sixteen year old student should know and understand about Earth science on leaving school (as published in the International Geoscience Syllabus at: <http://www.igeosced.org/activities/international-geoscience-syllabus/>). The book is published with the approval of the International Geoscience Education Organisation (IGEO), the International Union of Geological Sciences (IUGS) and the European Geosciences Union (EGU). Written in accessible English to be as jargon-free as possible, it uses a wide range of photographs and diagrams to provide explanations and examples.

More details at:

http://iugs.org/uploads/Reports/IUGS-COGE_publication_geoscience_textbook.pdf

For further information, please contact Chris King at: chris@earthlearningidea.com



7. News from IUGS Initiative on Forensic Geology

Fellow of the Royal Society of Edinburgh

IUGS-IFG Treasurer, Prof Lorna Dawson CBE (Principal Scientific Officer, Head of Soil Forensic Science Group, The James Hutton Institute) has been awarded a FRSE (Fellowship of the Royal Society of Edinburgh). The RSE, Scotland's National Academy, contributes to the social, cultural and economic wellbeing of Scotland through the advancement of learning and useful knowledge. The ceremony will be held in May 2019.

Brazilian Federal Police Forensic Geology Developments

Forensic geoscience and its application in criminal investigations is developing in Brazil. IUGS-IFG Co-Officer for Latin America, Dr Fábio Augusto Da Silva Salvador (Perito Criminal Federal, Chefe do Setor Técnico-Científico, Superintendência da Polícia Federal no Paraná and Brazilian Federal Police, Curitiba, Brazil), and the Brazilian Federal Police have created the first online site on Forensic Geology in Brazil, which can be found at www.geoforeense.com.

IUGS Initiative on Forensic Geology, Crime Scene Adviser

Prof Pier Matteo Barone has been appointed as the IUGS-IFG Crime Scene Adviser. He is adjunct professor in the Bachelor of Archaeology and in the Master of Sustainable Cultural Heritage at the American University of Rome, and he is also an adjunct professor in the Bachelor of Law and in the Master in Crime Scene & Investigation at the Link Campus University in Rome. He is a member of the Scene of Crime (SoC) group of the European Network of Forensic Science Institutes (ENFSI) and associate member of the Italian Academy of Forensic Sciences (AcISF). He is also a member of the Board of Trustees in the Italian Association of GPR (GPR Italia) and has much experience of forensic geophysics operating at crime scenes.



Fig. 3 and 4 – Prof Pier Matteo Barone, using Ground Penetrating Radar (Photos: Pier Matteo Barone).

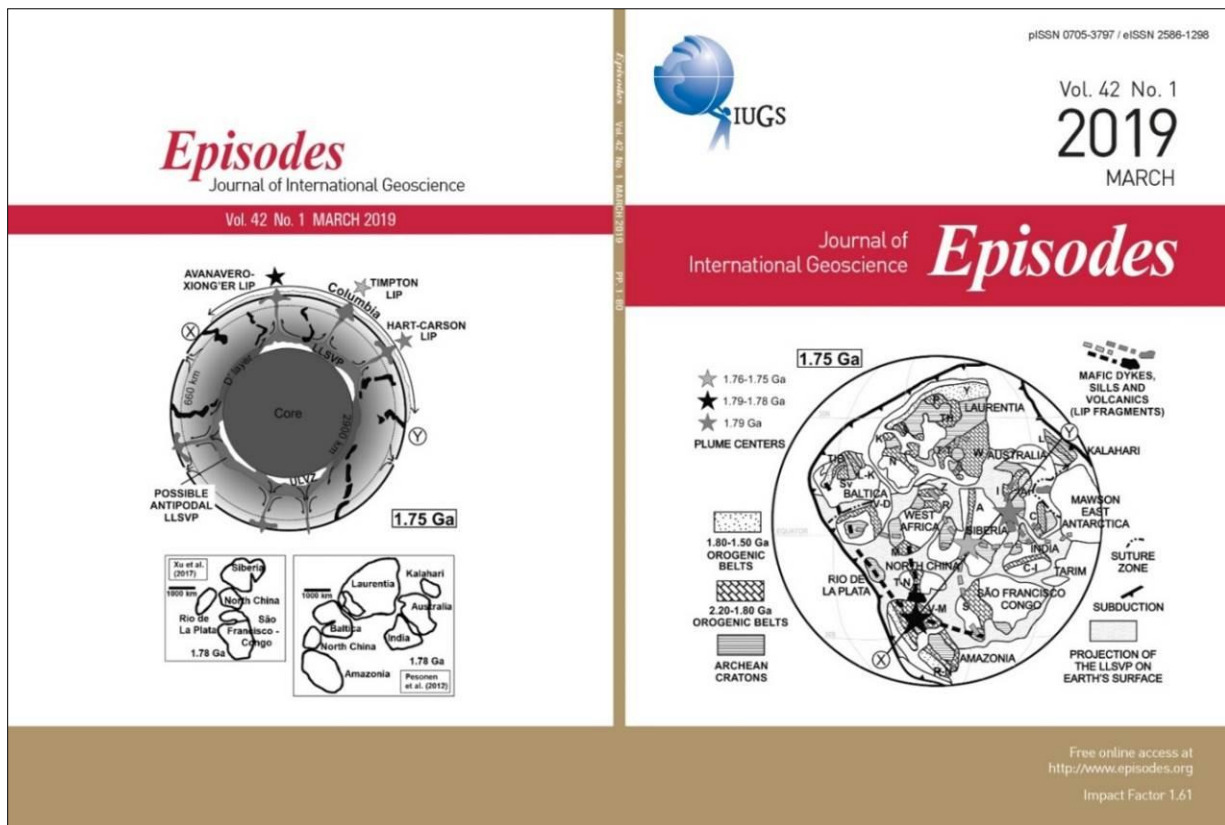


Fig. 5 and 6 – Photos showing crime scenes that may be investigated by a Forensic Geology (Photos: Laurance Donnelly).

8. New Episodes volume

Episodes has published the new volume for March: Episodes, Vol. 42, N. 1.

The contents of this issue can be reached at: <http://episodes.org/currentIssue.do>





EDITORS' NOTES:

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

IUGS wishes to better co-ordinate publication 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 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 website: 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:

silvia.peppoloni@ingv.it	(E-Bulletin Editor-in-Chief)
giuseppe.dicapua@ingv.it	(Webmaster)
gurmeet28374@gmail.com	(Social Media Manager)

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: silvia.peppoloni@ingv.it.
- 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 mail to: 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 website: <http://www.iugs.org/>

Edited by:

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