



News at a Glance

1. **Call for Nominations for positions on the IUGS Executive Committee**
 2. **Call for Nominations for IUGS Awards and for experts for ad-hoc review panels**
 3. **New Progress from the Deep-time Digital Earth (DDE), IUGS Big Science Program**
 4. **News from the IUGS Publications Committee**
 5. **IUGS Heritage Stones Sub-Commission meeting at EGU 2019**
 6. **IUGS Heritage Stones Sub-Commission: European Clustering and Global Networking**
 7. **News from the IUGS Initiative on Forensic Geology**
 8. **News from the IGCP-637**
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1. **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 Councillors (2). In addition, this includes the positions of Councillors (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>

2. 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, and 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, and 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

3. New Progress from the Deep-time Digital Earth (DDE), IUGS Big Science Program

A DDE Working Group Workshop was held April 15-19, 2019 in Kunshan, China. It was participated in by more than 140 participants including five academicians of Chinese Academy of Sciences: Professor Chengshan Wang, Professor Shuzhong Shen, Professor Chenghu Zhou, Professor Zhengqian Hou and Professor Jun Chen, as well as Professor Robert M. Hazen, Professor Peter Fox and other three members from USA who are involved in the Deep-time Data-Driven Discovery (4D) initiative. The mission of the 4D initiative is to explore ways to advance our understanding of Earth's complex co-evolving geosphere and biosphere through the collection, analysis, and visualization of large and growing data resources. IUGS President Qiuming Cheng participated in the workshop as one of the co-organizers.

Since the DDE was announced as the first IUGS Big Science Program at the 73th IUGS EC meeting and DDE Forum was jointly held in Beijing on February 25-28, 2019. It has attracted a great deal of interest and support from various international organizations and top scientists. With the momentum provided from the DDE Forum, DDE teams have been working hard on the planning and implementation with several progressions. Regular video conferences have been arranged for the management team of DDE (Michael Stephenson,



Roland Oberhaensli, Chenshang Wang, Junxun Fan, and Qiuming Cheng). A series of activities of DDE for the 36th IGC have been planned. These include a DDE symposium consisting of several sessions, a town hall meeting and a booth exhibition at the Congress. One of the most significant new initiatives of DDE is the collaboration of DDE team from China and 4D group from USA. At the Kunsna Working Group Workshop both DDE teams exchanged and reached a collaborative agreement. In the letter of consent signed, both groups agreed to develop collaborative Centers of Excellence under the same DDE umbrella.



Fig. 1 and 2 – DDE Working Group Workshop.

A joint Working Group on Data Science has been formed which will be under the leadership of Professor Peter Fox. Both Professor Hazen and Professor Fox will be nominated to serve on the Science Board of DDE. In addition, various DDE matters have been discussed ranging from goals of Working Groups and Task Groups, core scientific questions, construction of Centres of Excellence, to DDE activities at the 36th IGC in New Delhi. In the remarks delivered at the workshop, President Qiuming Cheng reiterated the IUGS mission and expressed the objective of DDE to be operated as an open platform to serve all geoscience communities including those under-represented nations. He congratulated participants on the collaboration between DDE and 4D and encouraged more organizations and scientists especially early career scientists to join DDE. At the workshop,



Professor Cheng Qiuming and Professor Wang Chengshan accepted the invitation from the 4D group to serve on the scientific board of 4D Initiative.

4. News from the IUGS Publications Committee

The IUGS Publications Committee met on the 7th of April for its annual meeting at the SO hotel in Vienna. Matters related to the Geological Society of London Special Publications, the journal Episodes, the IUGS monthly eBulletin and IUGS Social Media were discussed, advancing on the quality and widespread diffusion of IUGS news. The members of the Publications Committee are shown in the Fig. 3.



Fig. 3 – Publications Committee (PC) members from the left to right: Jin Yong Lee (Editor, Episodes); Stanley Finney (SG, IUGS); Dolores Pereira (Chair, PC); Heejung Kim (Managing Editor, Episodes); Gurmeet Kaur (Social media manager, IUGS and member, PC); Giuseppe Di Capua (Webmaster IUGS and member, PC).



5. IUGS Heritage Stones Sub-Commission meeting at EGU 2019

The IUGS Heritage Stones Sub-Commission had its sixth European Geosciences Union meeting in Vienna on the 11th of April. 13 oral contributions and 10 posters were presented, following a very active Splinter Meeting on the 10th of April. Attending correspondents had the opportunity to discuss about the Global Heritage Stone Resource initiative, as well as future meetings and publications with Natural Stones as main subject. The meeting was organized in the frame of the IGCP-637 project.

More information on the session is at:

<https://meetingorganizer.copernicus.org/EGU2019/session/30599>



Fig. 4 and 5 - HSS correspondents attending the oral and poster session at EGU 2019.



6. IUGS Heritage Stones Sub-Commission: European Clustering and Global Networking



REMIX
Interreg Europe
European Union
European Regional
Development Fund

9th April 2019
**Castilla y León-EU
Cluster Matchmaking Event**
Santa Bárbara Foundation · León

MORE INFORMATION:
Institute for Business Competitiveness of Castilla y León
Tlfn: (+34) 983 324 135 · www.empresas.jcyl.es



Collaborate:

The Heritage Stones Sub-Commission participated in the Raw Materials International Event: “EU Cluster Matchmaking”, presenting the Global Heritage Stone Resource initiative for the recognition of those stones that played an important role in the construction of the historic buildings and it is part of our heritage.

The program of the event and presentations can be downloaded from:

<https://empresas.jcyl.es/web/jcyl/Empresas/es/Plantilla100DetalleFeed/1255644717729/Evento/1284860582364/Comunicacion>



7. News from the IUGS Initiative on Forensic Geology

House of Lords Inquiry into Forensic Science

The UK Parliament, House of Lords Inquiry into Forensic Science has been reported and is available on the link below. IUGS-IFG submitted evidence for this inquiry, and the IUGS-IFG Forensic Science Adviser served as the Specialist Adviser to the Committee.

<https://www.parliament.uk/business/committees/committees-a-z/lords-select/science-and-technology-committee/>

<https://www.ruth-morgan.com/blog/house-of-lords-science-and-technology-committee-inquiry>

European Training in the Location and Excavation of Graves

IUGS-IFG contributed to a three-day European training event held in Lancashire, UK. This provided practical training for a multi-disciplinary team investigating a simulated major incident involving human remains. Participants were encouraged to understand the respective roles of various investigative specialists including; forensic archaeologists, forensic anthropologists, forensic taphonomists, forensic geologists, crime scene photographers, exhibits managers and search specialists for the excavation of clandestine graves. It was attended by police and law enforcement from several European countries. The event was organised by the University of Central Lancashire (CLAN) in conjunction with the European Network of Forensic Science Institutes (ENFSI) and European Meeting on Forensic Archaeology (EMFA).

4th Iberoamerican Seminar on Forensic Geosciences, Mexico

The 4th Iberoamerican Seminar on Forensic Geosciences will be held in Puerto Vallarta, Mexico, 28 October to 1 November 2019, in association with Reunion Anual de la Unión Geofísica Mexicana (RAUGM). IUGS-IFG has agreed to provide a session on forensic geology focusing on the collection and analysis of geological trace evidence, crime scene



examination and ground searches for burials including forensic taphonomy and forensic geophysics.

<https://www.raugm.org.mx/>

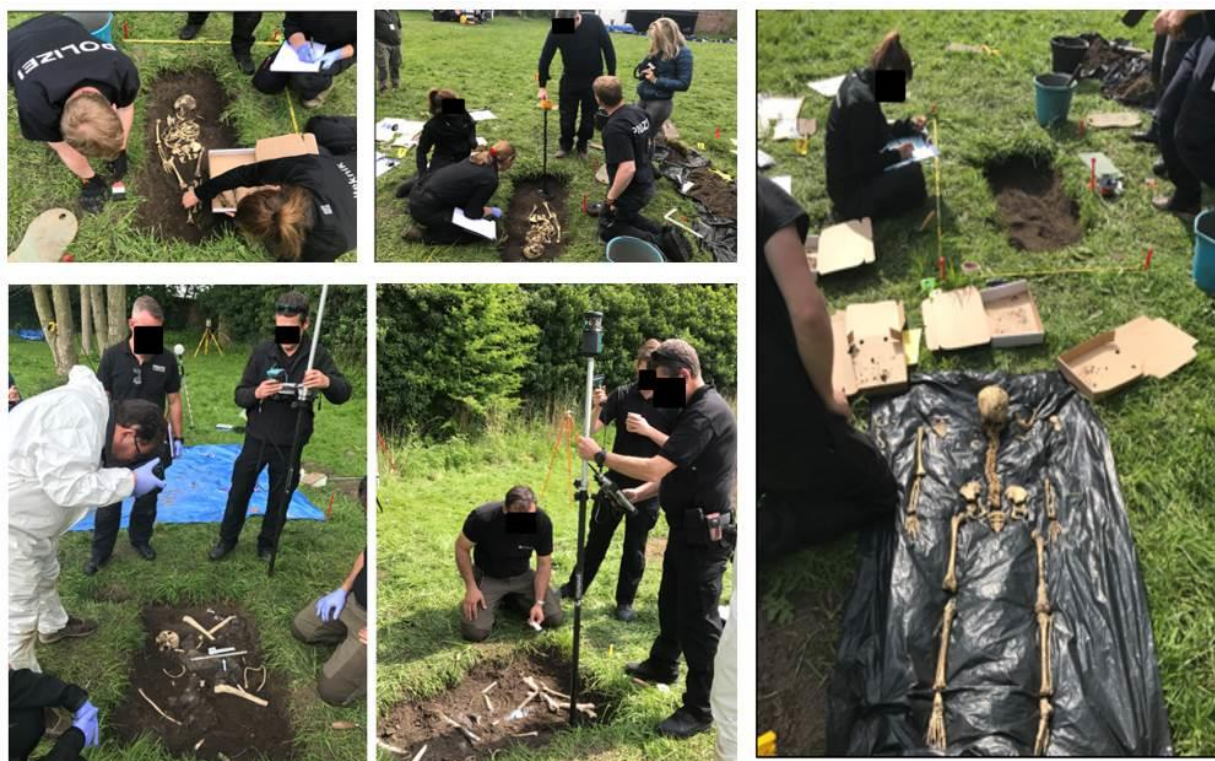


Fig. 6 - European training on search and the excavation and recovery of graves. Organised by UCLAN in association with ENFSI, EMFA and supported by IUGS-IFG (Photos: Laurance Donnelly).

Minerals and Mining Fraud

IUGS-IFG attended meetings in China and Chile to discuss the investigation and mitigation risks associated with ore and mineral concentrate fraud, including substitution and adulteration. Further discussions will be held in South Africa and Zambia in May 2019, which will also include Conflict Minerals.



Environmental Geoforensics, Silk Roads Disasters, Beijing, China

IUGS-IFG was represented at the Silk Roads Disaster Risk Reduction and sustainable conference (SiDRR) and presented on the applications of Interferometric Synthetic Aperture Radar (INSAR) and unmanned aerial vehicle UAV for disaster monitoring.

<http://sdg.iisd.org/events/sidrr-conference-2019/>

8. News from the IGCP-637 “Heritage Stone Designation”

Leaders of the IGCP-637 project attended the EGU 2019, where a final wrap-up poster was displayed in the poster session and objectives and main conclusions were also presented at the general IGCP Splinter Meeting, organized by Özlem Adiyaman Lopes representing UNESCO. Leaders of other IGCPs also attended this meeting and information of good practices were exchanged. Özlem displayed, at both the meeting and the IUGS booth, a poster with information on several IGCP projects, among which IGCP-637 was promoted.



Fig. 7 – IGCP-637 participants at the UNESCO IGCP poster by the IUGS booth at EGU 2019.



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
giuseppe.dicapua@ingv.it
gurmeet28374@gmail.com

(E-Bulletin Editor-in-Chief)
(Webmaster)
(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](#), and [LinkedIn](#).
- Check the IUGS website: <http://www.iugs.org/>

Edited by:

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