

News at a Glance

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1. News from IUGS-Publications Committee: Enhanced Impact factor for IUGS Journal Episodes

The Publications Committee (PC) informs on the good news related to the new Impact Factor for the IUGS journal Episodes, published by Clarivate Analytics 2021. The impact factor of Episodes has increased **from 1.393 to 2.490 for the year 2020**. The journal has moved **from Q4 to Q3**. The PC congratulates the Editor and Managing Editor of Episodes for the big effort to promote the journal and to increase the quality of the papers published in Episodes to gain higher citation.

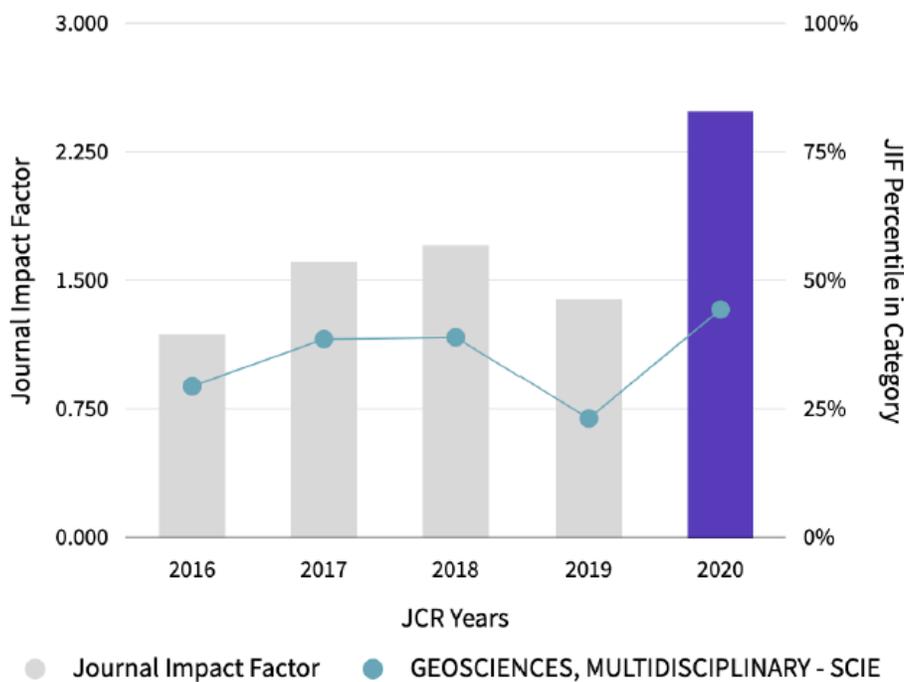


Figure 1. Source: Clarivate Analytics 2021 Journal citation Reports

2. IGCP-IUGS-UNESCO Project proposal call

The Council of the International Geoscience Programme (IGCP) agreed, during the 6th Council session in March 2021, to launch new call for project proposals to promote collaborative projects under UNESCO umbrella with a special emphasis on the benefit to society, capacity-building, and the advancement and sharing of knowledge between scientists. The call emphasizes and prioritizes proposals addressing the Vision Themes and annually defined topic of the IGCP detailed below. We also welcome proposals that include Artificial Intelligence (AI), big data and cloud computing methodologies for application in the Geosciences. Women, young and early career scientists from developing countries are especially encouraged to apply. Proposals will be ranked taking into account gender equality, geographic distribution of the leaders, project beneficiaries. The top multidisciplinary project will receive a Council Award and special funding. Successful projects will be sponsored for up to five years jointly by UNESCO, the International Union of Geological Sciences (IUGS), the Jeju Province Development Corporation (JPDC) of the Republic of Korea and the UNESCO National Commission for the People's Republic of China. For the year 2021, only one special topic has been agreed on during the 6th council meeting held in March 2021. "Enhancing Societal Acceptance of the Sustainable Development of Earth's Geological Resources"

Deadline for project proposals: 15 September 2021

To know more open, the link below:

<https://en.unesco.org/international-geoscience-programme/how-to-apply>

[Project proposal form](#) (.pdf)

[Call for application](#) (.pdf)

3. IUGS-GSL book on Geoethics

The International Association for Promoting Geoethics (IAPG) announces the publication of the book: Di Capua G., Bobrowsky P.T., Kieffer S.W. and Palinkas C. (2021). *Geoethics: Status and Future Perspectives*. Geological Society, London, Special Publications, 508, <https://doi.org/10.1144/SP508>.

This is the second volume focused on geoethics published by the Geological Society of London, under the MoU with the IUGS. This is a significant step forward in which authors address the maturation of geoethics. The field of geoethics is now ready to be introduced outside the geoscience community as a logical platform for global ethics that addresses anthropogenic changes. Geoethics has a distinction in the geoscientific community for discussing ethical, social and cultural implications of geoscience knowledge, research, practice, education and communication. This provides a common ground for confronting ideas, experiences and proposals on how geosciences can supply additional service to society in order to improve the way humans interact responsibly with the Earth system. This book provides new messages to geoscientists, social scientists, intellectuals, law- and decision-makers, and laypeople. Motivations and actions for facing global

anthropogenic changes and their intense impacts on the planet need to be governed by an ethical framework capable of merging a solid conceptual structure with pragmatic approaches based on geoscientific knowledge. This philosophy defines geoethics. The book is dedicated to Jan Boon.

This book on the GSL (Lyell Collection) website:

<https://sp.lyellcollection.org/content/508/1>

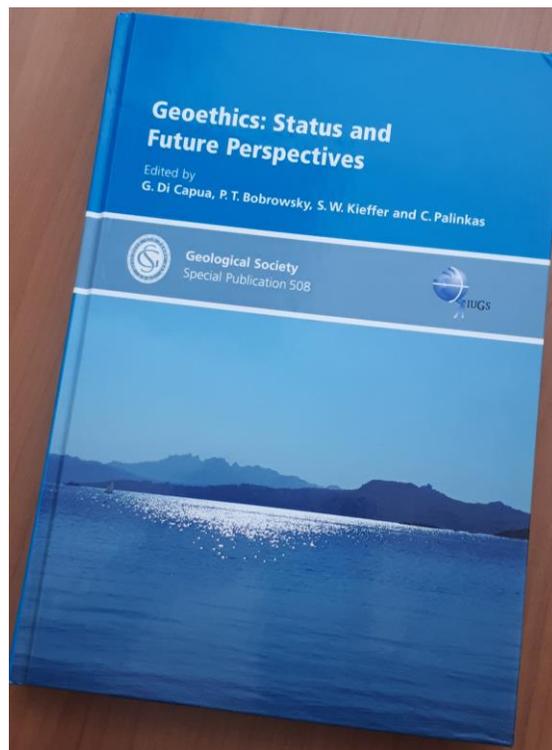


Figure 2. Cover page of the book *Geoethics: Status and Future Perspectives*

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

The Geological Society of Japan Young Scientist Award for Forensic Geology

Dr Hiromi Itamiya of National Research Institute of Police Science, Japan received 'The Geological Society of Japan Young Scientist Award' for her paper, '*Investigation on forensic soil analysis using quartz shapes and surface micro textures*'.

<https://www.jstage.jst.go.jp/browse/geosoc/-char/en>

OSAC-Geological Materials Standards for ASTM

IUGS-IFG committee members were invited to review the draft documents produced by the OSAC-Geological Materials group, which are under ballot at ASTM-International E30 committee (committee on forensic sciences). These focused on the use of soil colour and X-ray diffraction.

<https://www.astm.org/DATABASE.CART/WORKITEMS/WK70035.htm>

<https://www.astm.org/DATABASE.CART/WORKITEMS/WK72837.htm>

50th Brazilian Congress on Geology, Session on Forensic Geology

A session on forensic geology was held at the 50th Brazilian Congress on Geology, organised by Dr Fabio Salvador (IUGS-IFG Officer for South America). Presentations were given by Dr Laurance Donnelly (Chair, IUGS-IFG), on a ‘Global Overview of Forensic Geology’ and Prof Lorna Dawson, (Treasurer, IUGS-IFG) on, ‘Geoethics in Forensic Geology.’

https://50cbg.com/wp-content/uploads/2020/07/50cbg_portfolio-plantas-site-EN.pdf

United Nations Interregional Crime and Justice Research Institute (UNICRI)

The report issued by UNICRI refers to the use of mineral product fingerprinting.

<http://www.unicri.it/Publications/Technology--Security-Countering-Criminal-Infiltrations-Legitimate-Supply-Chain>

Ciclo de Charlas, Brazil

The *Ciclo de Charlas* was a three day to promote geoforensics in Latin America through presentations by the most experienced geoforensic scientists of South America. All the presentations are available on the UFPel IFG Student Chapter's YouTube channel

<https://www.youtube.com/playlist?list=PLI4zmXHJREc-R0qBE2869KqanF9iP16pZ>

Forensic Geology and the Scientific Police of Paraná (PCP)

The Scientific Police of Paraná (PCP), in Brazil, started a project involving IUGS-IFG and the collection, analysis and interpretation of traces of soil and sediment collected in crime scenes, with the support of the Federal Criminal Experts and IUGS-IFG Officer for Latin America.

<https://geoforenses.com/en/2021/06/policia-cientifica-do-pr-inicia-projeto-de-analise-forense-de-vestigios-de-solo-em-parceria-com-pf-e-ccf-ufpr/>



Figure 3. Forensic geology crime scene examination and training, Brazil

5. IUGS Annual report to SCGES (2021)

Download the annual report to SCGES from the link below:

<https://98ca4554-1361-4fb1-a4d8->

a1bb16d032e6.filesusr.com/ugd/flfc07_a69f041bdf9c4bb6924ac9b2322e88e0.pdf?index=true



IUGS – International Union of Geological Sciences

Annual report to SCGES

Academic year 2020-2021

Figure 4. Annual report to SCGES (2021)

6. News from the Commission on Global Geochemical Baselines (CGGB)

On the 30th April 2021, our colleagues from Chile were in the [news](#) on account of the geological and logistical reconnaissance survey they have carried out on the Chilean sub-Antarctic area of Tierra del Fuego, between the 24th of February and 2nd of March 2020.

Juan Pablo Lacassie Reyes, Pablo Oliva and Carlos Johnson from Servicio Nacional de Geología y Minería ([SERNAGEOMIN](#)) organised a field excursion to the Chilean part of Tierra del Fuego. The purpose of the field campaign was to assess the geological and geomorphological conditions for carrying out geochemical sampling in a sub-Antarctic or sub-polar environment, and to collect all necessary logistical information for designing future sampling campaigns in such bleak environments in other parts of the world. The SERNAGEOMIN team assessed the availability of stream sediments, stream water, floodplain sediments, overbank sediments, residual soil and rock.

Their report is included as Appendix 4 in the [Commission's 2020 Annual Report](#). The collected information from Tierra del Fuego has contributed to the shaping of the sub-polar environment sections of the '*International Union of Geological Sciences Manual of Standard Methods for Establishing the Global Geochemical Reference Network*', currently under preparation by the CGGB.



(a)



(b)

Figure 5. Field sites from Tierra del Fuego reconnaissance geochemical survey: (a) Overbank sediment profile site JP-765 (photograph by Juan Pablo Lacassie Reyes, SERNAGEOMIN), and (b) Rock sampling site JP-763 on the road connecting Lake Fagnano and Yendegaya (road under construction); the presence of granite blocks derived from the erosion of its outcrops in Cordillera Darwin are observed; Felipe Astudillo on the left and Juan Pablo Lacassie Reyes on the right (photograph by Carlos Johnson, SERNAGEOMIN).

7. News from INHIGEO

From Volcano to Impact Crater: Shifting a Paradigm

In 1961, one of the greatest geological mysteries in Germany was finally solved by the discovery of high-pressure minerals. Ries Crater was no volcano but had to be an impact crater. The ensuing debate changed local scientific culture from simple field-geology to a more chemically/physically oriented geoscience, from local to global and even interplanetary perspectives and, last but not least, from chauvinism to international cooperation.

To know more, open the link below:

http://www.inhigeo.com/anniversaries/INHIGEO_Anniversary_Volcano.pdf



Figure 6. The Ries Crater (image courtesy of Landesmedienzentrum BW: Fotoarchiv Brugger)

8. News from Commission for Geoscience Information (CGI)

A webinar on Geoscience Information was successfully held on 23 June 2021 by CGI of IUGS, which attracted 91 participants from geoscience organizations worldwide. 7 presentations were delivered at the meeting respectively focus on standards achievements in recent years and current activities of CGI, including Overview of CGI activities by Harvey Thorleifson, OGC Geoscience Domain by Mickael Beaufils, GeoSciML by Eric Boisvert, EarthResourceML by Michael Sexton, CGI Geoscience Vocabularies by Mark Rattenbury, GeoScience Ontology by Boyan Brodaric and Stephen Richard and Deep-time Digital Earth Standards Task Group by Zhang Minghua.

Discussion, chats and feedbacks show that this webinar has achieved very fruitful results on promoting geoscience information standards and also, CGI should play more important role in supporting standards coordination and implementation in global geosciences.

Videos of this webinar can be download from

https://www.youtube.com/watch?v=pXVKSWT17M&list=PLwnk6y1Q6xcZ2Ty2Ak11_sUY3Ob8Zo_cd9

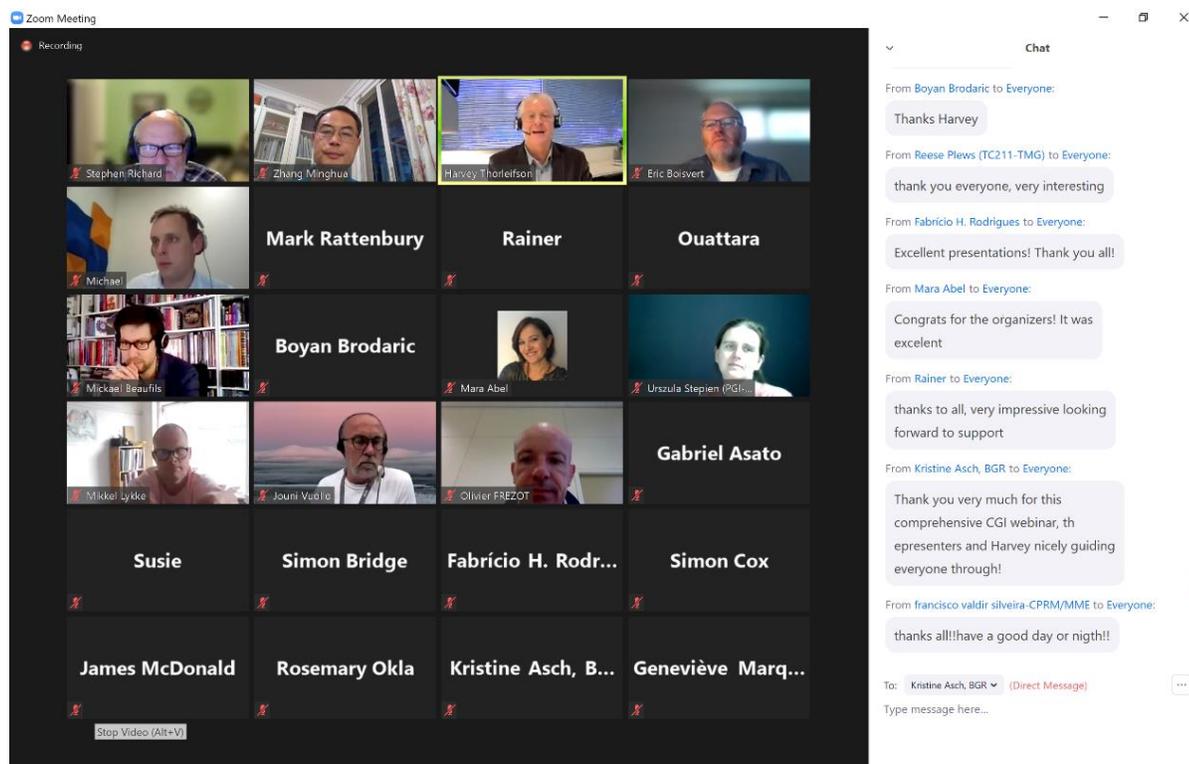


Figure 7. CGI Geoscience Information webinar

EDITORS' NOTES:

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

IUGS wishes to improve the co-ordination of the 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 are also welcome.

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: A short text with links to IUGS activity website, 1 or 2 illustrations (photographs, diagrams etc. jpg, .gif or png files of good resolution with captions) not exceeding one page. Items that are not in reasonably good English will be returned for improvement. If proposed contributions exceed one page, they will be returned for shortening. All images must, if necessary, be copyright-cleared before submission. The editor of the e-Bulletin reserves the right to make necessary edits to adjust the content to the publication rules, always respecting the meaning of the text submitted.

For the IUGS website: A one-page concise text (up to about 500 words), if possible providing a web-link (e.g. to an IUGS activity website).

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:

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

Time Frame for submissions to the e-Bulletin:

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 every month.
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 Publications Committee Team will aim to compile monthly 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.

This time frame may vary due to public holidays that affect the e-Bulletin Team and IUGS Secretariat such as Christmas and Chinese New Year.

NOTES

- Please check the IUGS [Calendar of Events](#) for upcoming scientific meetings. 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/>

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