

News at a Glance

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1. News from Episodes: Increase of Impact Factor and Cite Score

The 2023 Clarivate Analytics Journal Citation Reports® (Journal Impact factor trend 2022) was released on June 29. The 2022 impact factor increased from 2.439 to 3.100 (Fig. 1), and the percentile rose from Q3 to Q2.

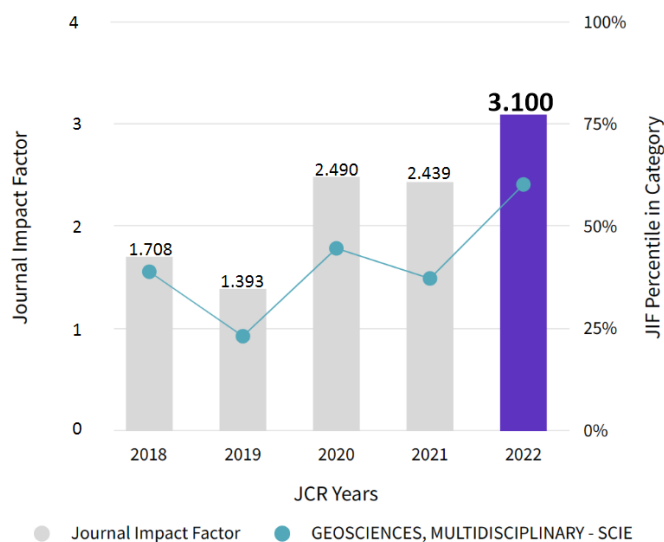


Figure 1. Journal Impact Factor Trend 2022

The 5-year impact factor (Fig. 2), also demonstrates a consistent and remarkable increase. It is encouraging that research published in *EPISODES* is receiving recognition and is being cited.

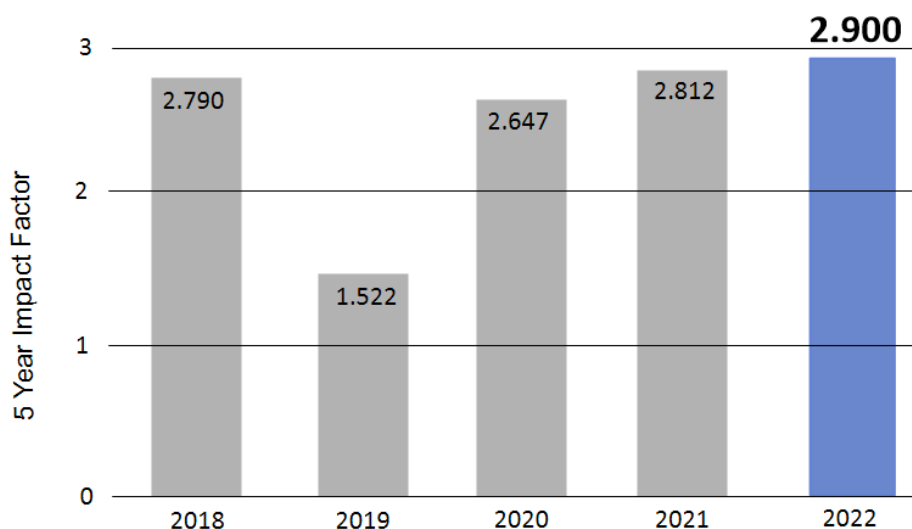


Figure 2. 5-year Impact Factor.

In 2022, there were 99 citable items, with 69 cited at least once and 23 cited five or more times. Five of the seven most highly cited papers were in the special issue on "The Geodynamic Evolution of the Indian Subcontinent" (Vol. 43, no. 1). The increase in the impact factor of *Episodes* can be attributed to various factors, including special issues such as the "The Geodynamic Evolution of the Indian Subcontinent" (Vol. 43, no. 1), "Asbestos, elongated mineral particles and other hazardous geomaterials: occurrence, use and health implications" (Vol. 43, no. 3), and "Natural Stones: Architectonic Heritage and its Global Relevance" (Vol. 44, no. 1). Additionally, a paper related to the Global Boundary Stratotype Section and Point (GSSP) received 11 citations. Thanks for all these contributions.

New issue of Episodes

Check out the latest June 2023 issue 46(2) of Episodes. This issue carries 10 articles, 1 Communication of IUGS Geological Standards, 1 Book Review, 1 History of Geology, and 1 Editorial and 2 reports.

Click the link below to access the current volume of Episodes:

<https://www.episodes.org/main.html>

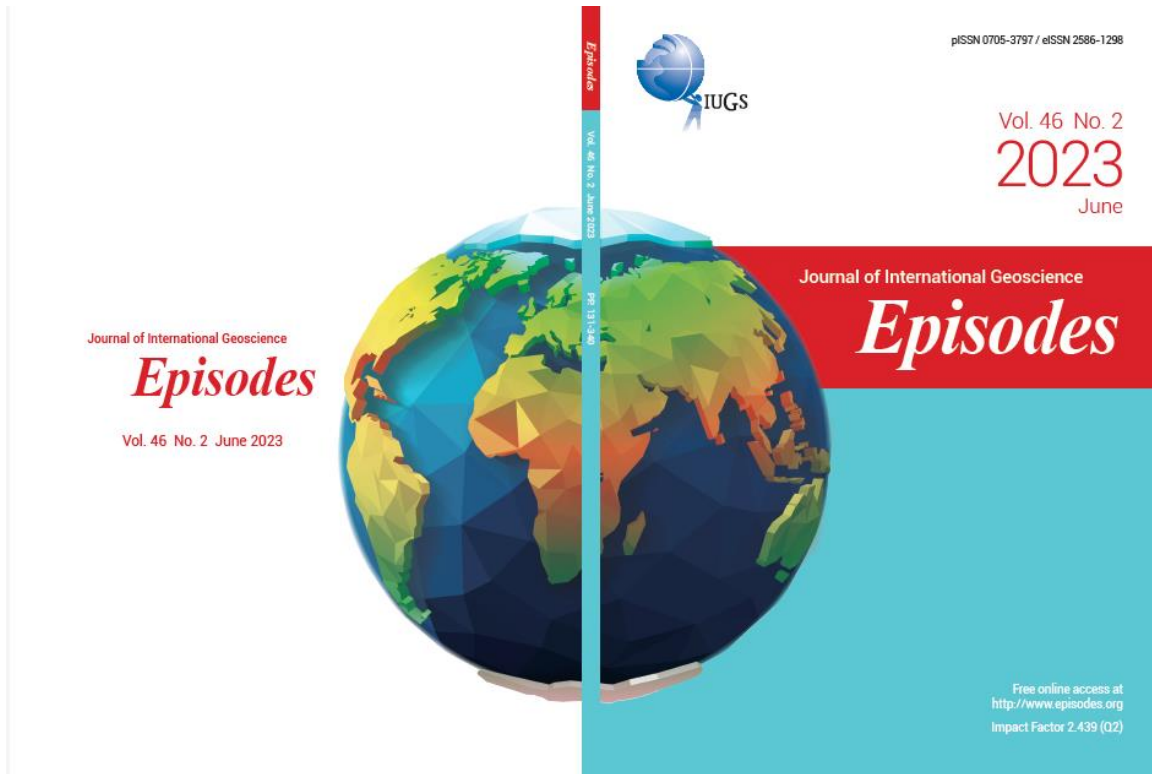


Figure 3. Cover page of IUGS-Episodes June issue 46 (2).

2. News from the International Commission on Stratigraphy

The International Commission on Stratigraphy is delighted to announce publication of the 2023/06 International Chronostratigraphic chart. Key is the addition of the ratified Golden Spike for the base of the Langhian Stage and the base of the Middle Miocene Subseries. This horizon is currently dated at 15.98 Ma.

We thank the many stratigraphers worldwide for their exceptional efforts in developing the chart and the global language for geologists and others working with geological time at all scales.

<https://stratigraphy.org/gssps/#neogene>

<https://stratigraphy.org/>

<https://stratigraphy.org/news/150>

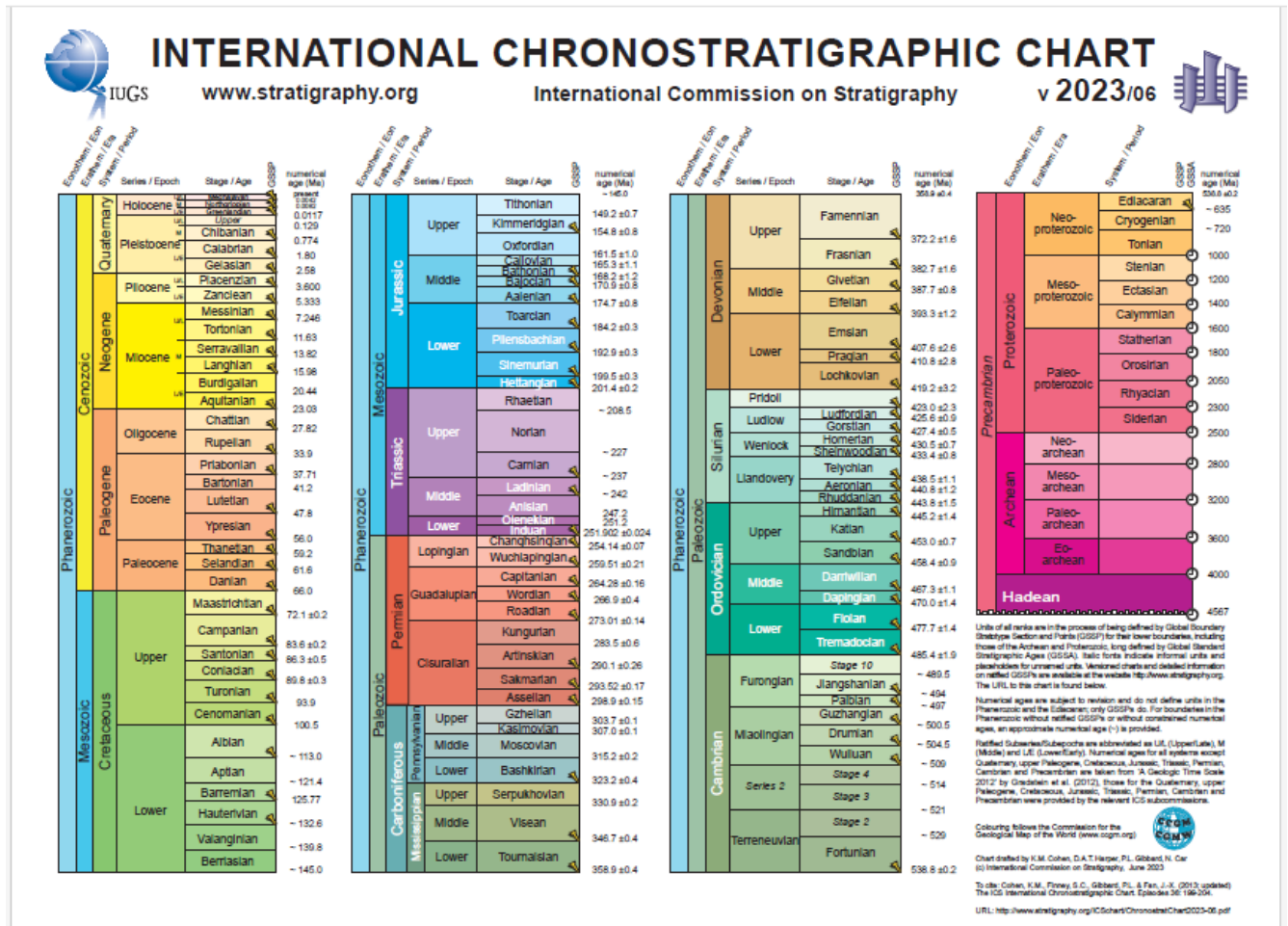


Figure 4. 2023/06 International Chronostratigraphic chart.

3. News from the International Commission on Geoheritage

The First 100 IUGS Geological Heritage Sites” hard copies of the book are now available! Order your book and get this unbelievable collection of extraordinary geological sites at <https://iugs-geoheritage.org/product/the-book-the-first-100-iugs-geological-heritage-sites/>

More than 31.000 visitors from 178 nations consulted our new website www.iugs-geoheritage.org. Get all the information you need to know about this great endeavor. 16 international organizations and 81 countries are already working for the selection of The Second 100.

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

New Horizons in Forensic Geoscience: The Bedrock of International Security in Minerals, Mining, Metals, Murders and the Missing

A forensic geology joint meeting between GSL-FGG and IUGS-IFG

The Geological Society of London, Burlington House, 4-5 December 2023

Overview

The Forensic Geoscience Group of the Geological Society of London (GSL-FGG) and the International Union of Geological Sciences, Initiative on Forensic Geology (IUGS-IFG) are offering a forum where contributors from the UK and internationally, can present and debate the results of recent research and operational case studies in forensic geology. In addition, this event will demonstrate where forensic geology has delivered to policy and practice with sessions on regulation and the law. The event will also focus on minerals, mining and metal crimes, search operations, geological trace evidence and policy. We anticipate this event attracting international delegates and will encourage this by enabling livestreaming of some of the presentations. Suppliers of equipment, software and services will also be invited to attend. The meeting therefore represents an invaluable opportunity for practitioners and researchers to exchange information about recent global developments in forensic geology.

This meeting will capture interest across the geological, forensic, law enforcement, environmental science, mining, minerals, metals and archaeological communities, with those working in the fields of serious crime investigation, search, law and mining crime. Operational case studies from industry and law enforcement are encouraged. Student poster presentations are very much welcomed, and prizes will be awarded. There will also be a focus on '*A Guide to Forensic Geology*' and '*Forensic Soil Science and Geology*'

Conference convenors

Prof Lorna Dawson, Chair, GSL-FGG, Head of Centre for Forensic Soil Science, James Hutton Institute, Aberdeen, AB15 8QH and Professor, Forensic Science, Pharmacy and Life Sciences, RGU, Aberdeen, AB10 7G. Lorna.dawson@hutton.ac.uk

Dr Laurance Donnelly, Chair, IUGS-IFG, Chief Geologist and Head of Technical Department, AHK International, Kings Business Park, Kings Drive, Prescot, L34 1PJ. laurance.donnelly@ahkgroup.com

Dr Alastair Ruffell, Treasurer, GSL-FGG School of the Natural, Built Environment, Queen's University, Belfast, Northern Ireland, BT7 1NN. a.ruffell@qub.ac.uk

Prof John Cassella, Forensic Science, Department of Life Science, Faculty of Science, Atlantic Technological University, Sligo, Republic of Ireland, F91 YW50. John.Cassella@ATU.ie

[Reserve your place at the meeting](#)

A form will be provided after you have booked your place, to submit an abstract for your proposed presentation.



Figure 5. IUGS-IFG publications, published by the Geological Society of London, including 'A Guide to Forensic Geology' and 'Forensic Soil Science and Geology'

InterForensics 2023, Brasilia, Brazil, August 2023

IUGS-IFG aims to be represented at InterForensics 2023, in Brasilia, Brazil, 28-31 August 2023. The event represents one of the largest forensic science conferences in the world with a focus on the exchange of information, expertise and knowledge in criminal cases, scientific research, environmental crime, and legal. <https://interforensics.com/>

23rd Triennial Meeting of the International Association of Forensic Sciences, November 2023

IAFS takes place on 20 November 2023, in Sydney, Australia in collaboration with the 26th Symposium of the Australian & New Zealand Forensic Science Society. IAFS has provided a meeting every three years for academics and practising forensic specialists. Approximately 1,500 international delegates are expected to attend. <https://iafs2023.com.au/>

Illegal Mining and Yanomami Land, Amazonia South America

The impact of illegal mining on Yanomami land in Brazil has been reported, associated with the illegal mining of cassiterite and other minerals.

<https://www.theguardian.com/world/2023/may/01/yanomami-territory-illegal-miners-death-toll>

<https://www.theguardian.com/world/2023/feb/28/brazilian-force-driving-out-mining-gangs-indigenous-yanomami-territory-bolsonaro>

5. News from INHIGEO

New Anniversary contribution

Occasion: Geological map of Ireland 170 years ago

Authors: Patrick N. Wyse Jackson (Ireland) and Duncan Hawley (United Kingdom)

Title: **Richard Griffith's small scale geological map of Ireland (1853)**

Richard John Griffith (1784–1878) was amongst the foremost geologists working in Ireland in the nineteenth century and is best remembered for the Rateable Valuation surveys of the country.

Surveyors employed by Griffith were provided with Ordnance Survey six-inch to the mile maps

and a slim volume of instructions. In all editions of the *Instructions* starting from 1833 information was provided on soil types and how they might be recognised and described. The quality of the soil was an important factor that fed into the valuation calculation of land. However, there were no specific requests to gather geological information on the solid geology. Why then, did he include a geological map in the edition of 1853?

Please open the link to know more: <http://www.inhigeo.com/anniversaries.html>

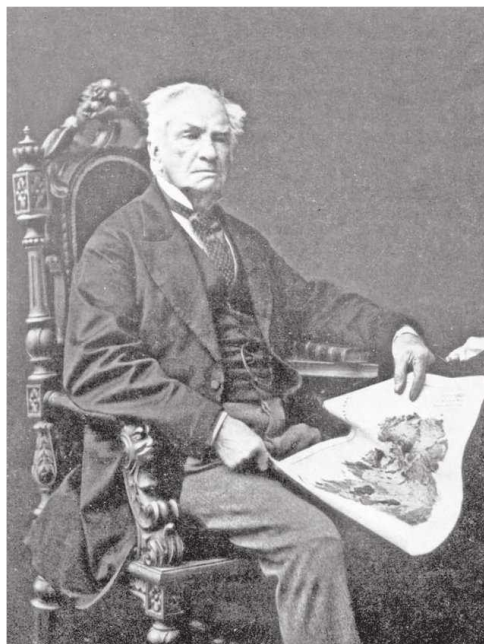


Figure 6. Richard Griffith in 1874 aged 90 holding a copy of the 1853 Surveyor's map (From Praeger 1949, plate 5).

Occasion: Geosynclinal theory proposed 150 years ago

Author: Stephen M. Rowland (U.S.A.)

Title: James Dwight Dana and the concept of geosynclines

In June 1873, James Dwight Dana introduced the terms *geosynclinal* and *geoanticlinal* into the lexicon of geology. For the following 90 years the concept of geosynclines dominated geologists' attempts to understand mountain-building processes, especially in North America.

Please open the link to know more: <http://www.inhigeo.com/anniversaries.html>

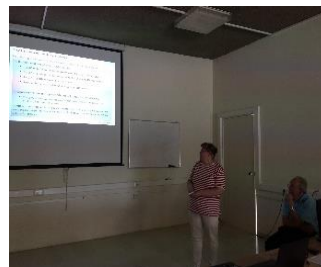


Figure 7. James Dwight Dana. Source: U.S. Geological Survey.

6. News from the Commission on Global Geochemical Baselines



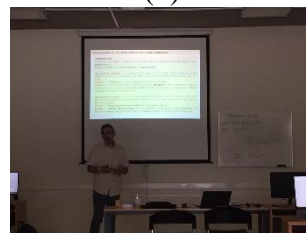
(1)



(2)



(3)



(4)

The Commission organised and sponsored a two-day pre-conference workshop "*Applied geochemical methods described in the [International Union of Geological Sciences Manual of Standard Methods for Establishing the Global Geochemical Reference Network](#)*" on Saturday and Sunday, 1st and 2nd of July 2023, on the occasion of the [SEGH 2023 conference](#), which was hosted by the [Department of Geology and Geoenvironment](#) of the National and Kapodistrian University of Athens, Hellenic Republic. The SEGH Organising Committee Chair, Professor Ariadne Argyraki, is also the Commission's Public Relation and Finance Officer and a Steering Committee member.

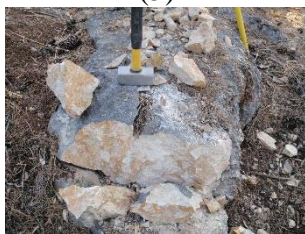
The workshop was attended by students, early-career researchers and professionals. The



(5)



(6)



(7)



(8)



(9)



(10)



(11)



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(14)



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(16)



(17)

first day was devoted to classroom lectures with hands-on-exercises (31 participants) – Photos 1 to 6. On the second day, the field methods of sampling rock (7, 8), residual soil (9), active stream sediment (dry & wet – 10 & 11), stream water (12), and overbank/ floodplain sediment (13) were demonstrated (21 participants). The Sunday lunch was served at the premises of the [Hellenic Survey of Geology and Mineral Exploration](#), followed with a visit to the National Geological Museum (14).

Tutors were Alecos Demetriades (1, 5, 11, 12, 13), Hatakka Tarja (2, 12), Ariadne Argyraki (3), Stefano Albane (4), Alexandros Liakopoulos (8), Matteo Serra and Konstantina Tsoulou.

During the [SEGH conference](#), Alecos Demetriades (Chairperson of the Sampling Committee) delivered on Tuesday, 4th July 2023, a philosophical keynote presentation entitled “*Standard Methods for Establishing the Global Geochemical Reference Network*” (15) as part of Session 4 “Global databases for geochemistry and beyond”. The keynote was well received, with positive comments about the need for standardisation of procedures.

Further, in the conference hall five Periodic Tables with maps from the [FOREGS Geochemical Atlas of Europe](#) were displayed (16), as well as the four [Commission publications](#) (17).



7. News from Task Group on Igneous Rocks

TGIR President Michele Lustrino has now organized a belated post-pandemic workshop at Rome, funded in part through IUGS and in part through Sapienza Universita di Roma, with an associated fieldtrip to sites of interesting and unusual igneous rocks in central Italy. The TGIR workshop will take place in Rome, September 22-28, and will be attended by several international team members of the group, including Professors James Day, Monica Heilbron, Andrew Kerr (on-line), Michele Lustrino, Mitsuhiro Nakagawa, Julian Pearce, Rajesh Srivastava, Sebastian Tappe, and Georg Zellmer.

The September workshop agenda will be as follows:

22th: ice-breaker party in the evening at Sapienza University campus.

23rd: departure for field excursion

24th: field excursion

25th: field excursion and come back to Rome

26th: first day of seminars

27th: second day of seminars

28th: departure

The meeting is aimed to resolve outstanding issues in order to provide an updated, 3rd edition of the widely used book ‘Igneous Rocks: A Classification and Glossary of Terms’, edited by Le Maitre, Streckeisen, Zanettin, Le Bas, Bonin and Bateman, and published by Cambridge University Press.

8. IUGS sends congratulations on the 50th Anniversary of the Colegio de Geólogos de Costa Rica

On July 2nd, 1973, the Colegio de Geólogos de Costa Rica (Guild of Geologists of Costa Rica, which represents Costa Rica into IUGS) was created by a national law. The Colegio was preceded five years before by the Association of Geologists, which became, with the strength of the law, into a solid institution with the the main aim to group all the geologists of the country able to perform a liberal career, assuring a service of quality to society. Also, by the law, the Colegio must promote the growth and strenghtening of geological sciences in the country, into the educational system and for a better service to society. This coming July 2nd, the Colegio will turn fifty years old, along which has served profoundly to Costa Rican society. The past June 14, a gala was performed in the iconic National Theater of the capital San José, where several dozens of colleagues and their companions enjoyed historical and celebrating speeches, as well as a concert.



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June 25, 2023

President Arnaldo Rudin
Colegio de Geólogos de Costa Rica

Dear President Rudin,

On behalf of the Executive Committee of the International Union of Geological Sciences (IUGS), I congratulate the Colegio de Geólogos de Costa Rica on its 50th Anniversary on July 2, 2023. This is a wonderful occasion marking five decades of dedicated activities and investigations by the geoscience community of Costa Rica. I note that July 2 is also Costa Rica's Day of Geologists. Please convey my best wishes to all geologists of Costa Rica. The Executive Committee appreciates that Costa Rica is long-term active adhering member of the IUGS, contributes support to the IUGS, and regularly participates in meetings of the IUGS-IGC Council.

Sincerely,

Stanley C. Finney
Secretary General – International Union of Geological Sciences

International Union of Geological Sciences

Figure 8. 50th anniversary congratulations to the Colegio de Geólogos de Costa Rica from IUGS



9. News from DDE

New CAG29 Workshop by DDE

Enabling African Geodata

The DDE "Enabling African geodata" workshop at CAG29 in Windhoek (Namibia) on 25 September 2023, will feature talks on African national datasets, geothermal, DDE geodata standards, basin modelling, minerals mapping, and much more. Speakers include: Gbenga Okunlola, Anna Nguno, Hanting Zhong, Melckzedek Michael Mgimba, Paulina Pokolo and Lesego Peter. There will be breakout sessions that consider what African geodata scientists want from DDE, and what new projects might be started.

To know more open the link: <https://cag29gsaf.org/>

10. IUGS releases video on Anthropocene

IUGS releases video information on the Anthropocene. There is renewed debate as to the start of the Anthropocene. To know more, open the link: <https://www.nature.com/articles/d41586-023-02234-z>
Watch the video to know more: <https://www.youtube.com/watch?v=vp4YIZMmW-Q>
<https://www.iugs.org/>

11. Hutchison Young Scientists Foundation travel awards

IUGS Secretary General has issued a call for applications for **Hutchison Young Scientists Foundation travel awards** for young scientists to attend to 37th International Geological Congress in Busan, Korea, 25-31 August 2024. To know more open the link below:

<https://www.iugs.org/>

https://www.iugs.org/files/ugd/f1fc07_3ad62184e2be4321ad7b2a59b5180964.pdf?index=true

12. IUGS call for awards, medals and volunteers to serve as expert panel

The IUGS Secretary General issues a Call for Nominations for **the IUGS Awards/Medals: the Emile Argand, the James Harrison, and the Early Career Geoscientist** to be presented at the 37th IGC.

The Secretary general also issues a call for **volunteers to serve on Expert Panels** that evaluate nominees for the IUGS (Émile Argand and Early Career Scientist Medals)
Please see detailed information in the Announcements and in the Terms of Reference in the links:

<https://www.iugs.org/>

https://www.iugs.org/files/ugd/f1fc07_d422d2550c0f4cf983ced0d0f35722e0.pdf?index=true

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https://www.iugs.org/files/ugd/f1fc07_3b58254c407844d4b8593a59084ccfbd.pdf?index=true

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)
yamirka.rojas@ifg.uni-kiel.de (Editor, Social Media)
mdaniela.munozg@gmail.com (Social Media)

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;

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
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Edited by: Dr. Gurmeet Kaur, Panjab University, Chandigarh, India

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