

News at a Glance

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- 1. Call for the nomination of the next ICS Executive 2024-2028 by the ICS nomination committee**

It is time to prepare for the nomination of the next ICS Chair and vice-Chair 2024-2028 to take up the posts at the next International Geological Congress in 2024.

The Executive Committee of the ICS has formally appointed myself as Chair of the Nominating Committee on May 2, 2023, with the goal to select two additional Nominating Committee members. Prof. Beatriz Aguirre-Urreta (Argentina) and Dr. Thomas Servais (France) have thus been promptly appointed as Members of the Nominating Committee.

In accordance with the Statutes, the Nominating Committee shall nominate to the ICS Chair at least two candidates for each of the two elected positions no later than twelve months prior to the next IGC (to be held in August 25-31 2024 in Busan), bearing in mind geographical and disciplinary diversity in order to ensure that the principal schools of stratigraphic thought are represented in the Executive Committee.

Upon receipt of the Nominating Committee's submission, the Secretary General shall promptly circulate the proposal of nominated candidates to all the members of the Voting Commission for voting and election.

Our schedule is therefore very tight and the Nomination Committee is calling for nominations for the positions of Chair and vice-Chair to be received at the latest by 25 July 2023. Prof. Shuzhong Shen, the incumbent vice-Chair, is willing to serve a second four-year term as vice-Chair.

It is important to receive nominations from a range of candidates who have suitable experience to take up what is arguably a most important position. In accordance with the Statutes, the

2. News from the International Commission on Geoheritage

After the great success of the The First 100, ICG is very glad to announce that the process for the The Second 100 IUGS Geological Heritage Sites has been launched. Fifteen international organization and more than 50 countries will participate in this global initiative. ICG is expecting to have around 200 candidates. The final selection of The Second 100 will be announced in 2024 in a special event during the 37th international Geological Congress in Busan, Republic of Korea.

To know more, open the link below:

<https://iugs-geoheritage.org/the-second-100-iugs-geological-heritage-sites/>

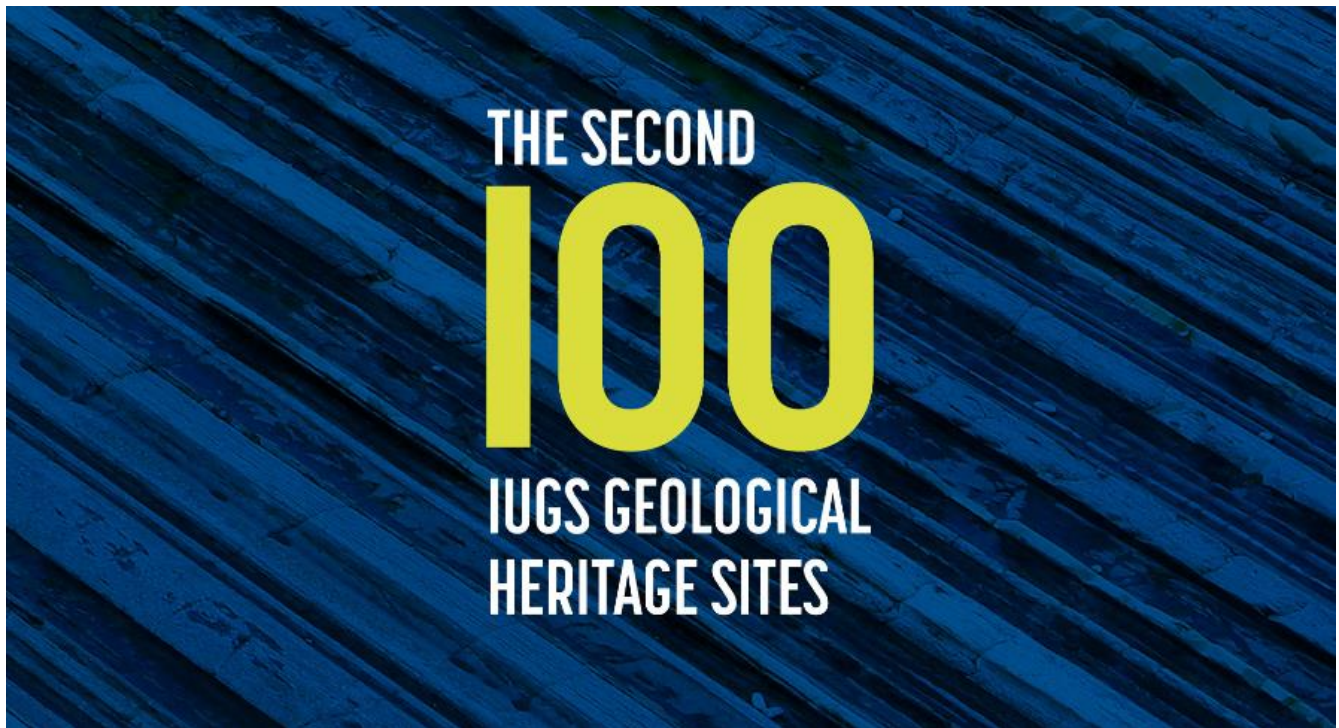


Figure 1. The Second 100 IUGS Geological Heritage Sites

GRAND CANYON IUGS Geoheritage adventure

The Grand Canyon (GC) was selected as one of [the FIRST 100 IUGS Geological Heritage Sites](#) at the recent 60th anniversary meeting of the IUGS in Zumaia Spain. This geologic laboratory encompasses nearly 2 billion years of Earth's history and is one of the most iconic sites on the globe. These rocks and unconformities record dramatic changes in Earth systems in an impressive scenery with outstanding geomorphology and current geological processes.

Connections to human heritages make Grand Canyon an ideal place to launch a series of **IUGS Geoheritage adventures** that provide the opportunity to explore and share the geology of some of the most spectacular geological sites on Earth.

To know more open the link below:

<https://iugs-geoheritage.org/iugs-adventure/>



Figure 2. The Grand Canyon, US

3. News from the International Commission on Geoethics

The Governing Board of the IUGS Commission on Geoethics held its first meeting (virtual) on 2 May 2023. It was decided to create the Task Group on IUGS Ethical Guidelines (it will define the ethical reference framework of the IUGS and will draft the IUGS codes of conduct for specific issues), and the Task Group on Diversity, Equity, and Inclusion (to bring the IUGS constituent groups to a reasonable balance of their members with regard to issues such as gender, geographical provenance, discipline, career stage, etc., and supporting IUGS in its activities within the Standing Committee on Gender Equality in Science - SCGES).

To know more, open the link below:

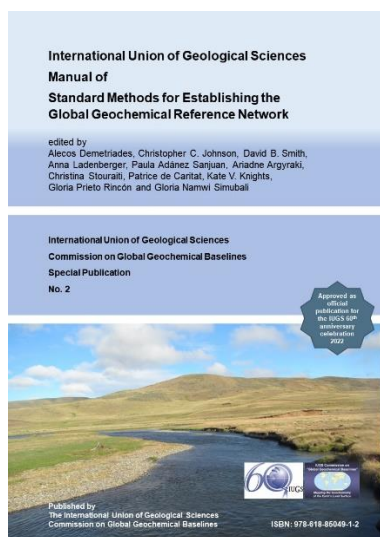
IUGS Commission on Geoethics: <https://www.geoethics.org/iugs-cg>



Figure 3. Governing Board of the IUGS Commission on Geoethics. From the top left: Peter Bobrowsky (Vice-Chair), Silvia Peppoloni (Chair), David Mogk (Councilor), Ruth Allington (Councilor), Soumaya Ayadi-Maasri (Councilor), Roberto Lencina (Councilor), Giuseppe Di Capua (Treasurer, Webmaster, Secretary).

4. News from the Commission on Global Geochemical Baselines

IUGS had a booth at the European Geosciences Union General Assembly 2023, which was held in Vienna from the 23rd to the 28th of April 2023. Acting on the request of the IUGS Executive Committee, a hardcopy of the recently published “*International Union of Geological Sciences Manual of Standard Methods for Establishing the Global Geochemical Reference Network*” (IUGS Manual of Standard Methods) was sent to the IUGS Secretariat for display (Figures 4 & 5).



(a)



(b)

Figure 4. (a) Front cover of the IUGS Manual of Standard Methods, and (b) IUGS Booth showing the IUGS Manual of Standard Methods at the inner right-hand side of the front desk.



Figure 5. (a) The IUGS Manual of Standard Methods at the inner right-hand side of the front desk, and (b) a conference participant looking at it.

The Commission thanks Mr. Ma Yongzheng (Director of IUGS Secretariat), Mrs. Mu Langfeng and the other two IUGS Secretariat officers for the photographs, and the care of the hardcopy of the IUGS Manual of Standard Methods, which will be displayed in other future occasions.

5. News from News from the IUGS Commission on Geoscience Education (COGE)

● COGE unveils new logo, mission and vision

IUGS-COGE has undergone significant changes based on surveys conducted in early 2023. We are thrilled to present our fresh COGE logo, along with an inspiring new mission and vision. To strengthen our digital presence, we have formed the COGE Social Media Team, consisting of associate members. Stay updated with our progress on our website: www.iugscoge.org. Engage with COGE and be part of our vibrant geoscience education community!

● 2 session proposals accepted for IGC 2024

The Scientific Program Committee of the Organizing Committee for the 37th International Geological Congress (IGC 2024) has accepted two session proposals from IUGS-COGE. The sessions, titled "Global Perspective of Geoscience" and "Standardization of Geoscience Activities in Universities Worldwide," will be featured at the IGC 2024 conference. Mark your calendars for this exciting event taking place from 25 to 31 August 2024 in Busan, Republic of Korea. For more details, please visit the IGC 2024 website. Stay tuned for updates on these enriching sessions!

● Nomination Deadline Extended: Apply for the Chris King Medal until July 7th

We are thrilled to announce the extended nomination deadline until July 7th for the inaugural IUGS-COGE Chris King Medal. This award recognizes remarkable geoscience educators globally, celebrating their significant contributions. Don't miss this unique opportunity to be part of the inaugural year! Showcase your innovative teaching methods, impactful resources, and

leadership in geoscience education. Winners will receive the Chris King Medal, a platform to share expertise through webinars/workshops and recognition at the International Geological Congress. All the information to apply in the following link: <https://iugscoge.org/the-chris-king-medal/>

- **COGE participation in the EGU 2023, Susanna Occhipinti, leader of the Geoscience Education Field Officer Program**

The COGE GEFO Program lead, Susanna Occhipinti, presented her scientific efforts and findings at the European Geosciences Union (EGU) General Assembly 2023! The first pilot results for "New Point of View to Improve Interest in Earth Sciences". In addition, She also attended the "GIFT Workshop: The Key Role of Geosciences for the Global Challenge of Sustainable Development: Agenda 2030".

You can check out her poster here (<https://iugscoge.org/coge-participation-in-egu-general-assembly-2023/>).

Let's continue to support the efforts of our GEFO Program and make a difference in promoting geoscience education!

- **Website Upgrade and Social Media Channels**

We are thrilled to announce the upgrade of our website, designed to provide an enhanced experience for our valued members and the public. Please explore our website at <http://iugscoge.org/> to learn more about our goals and esteemed members.

Stay connected with us through our dynamic social media channels:

- *LinkedIn* account: <https://www.linkedin.com/in/iugs-commission-on-geoscience-education-37956b260/>; *Facebook* Page: <https://www.facebook.com/IUGSCOGE/>; *Twitter*: <https://twitter.com/IugsCoge>; *Instagram*: <https://www.instagram.com/iugscoge/>



Figure 6: Nominations for Chris King Medal

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

European Union MaDiTrace Project

IUGS-IFG is represented (Laurance Donnelly, Chair) on the European Union '*Material and digital traceability for the certification of critical raw materials (MaDiTraCe)*' project, which develops and combines technical solutions to promote transparent Environment, Social and Governance (ESG) standards for critical raw material (CRM) supply chains. The project will run for three years, until December 2025. The purpose of the project is to ensure sustainable and transparent mineral supply chains based on generally accepted ESG-standards. The project will be focused on materials essential to energy transition: lithium, cobalt and natural graphite for batteries, and rare earth (magnets). It is coordinated by the French geological survey BRGM and 13 European partners: DMT GmbH & CO. KG – DMT (DE), Geological Survey of Finland (FI), Montanuniversitaet Leoben (AT), Universiteit Gent (BE), EIT Raw Materials GmbH (DE), LGI Sustainable Innovation (FR), Iberian Sustainable Mining Cluster (ES), Fundación ICAMCYL (ES), Commissariat A L Energie Atomique Et Aux Energies Alternatives – CEA (FR), Alfred H Knight Holland BV (NT), Fundacion Tecnologica ADVANTX – Funditec (ES), Universiteit Leiden (NL), Metso Outotec Finland OY (FI) and Spherity GmbH (DE).

<https://cordis.europa.eu/project/id/101091502>

<https://www.maditrace.eu/>

<https://irishtechnews.ie/maditrace-material-traceability-for-raw-materials/>

Gold Traceability, Switzerland

IUGS-IFG was represented (Fabio Salvador, Co-officer for Latin America) at an international workshop on the traceability of gold, which took place in on 2-3 May 2023, at the University of Lausanne, in Switzerland. The event brought multi-disciplinary scientists together from several countries to consider the global gold supply chain and the traceability of metals, including gold, often driven by factors that includes illegal mining and the increasing price of gold.

<https://gold-dna.ch/https-gold-dna-ch-workshop/>

Gold Heist, Canada

A gold heist was reported at the Toronto Pearson International Airport worth \$22 million, possibly one of the largest in Canadian history.

[Canada gold heist: police investigating \\$20m of 'high-value' cargo stolen from Toronto airport](#)

[Canadian police investigating C\\$20 million gold heist at Toronto airport](#)

[Huge Pearson heist takes \\$22 million from major Canadian bank](#)

[Toronto airport gold heist: \\$22 million worth of gold stolen](#)

[Gold Heist at Canada's Biggest Airport Is Probed by Police](#)

Forensic Science, Special Issue, 'The Role of Forensic Geology in Criminal Investigations.'

A link is provided below for a Forensic Science, Special issue, on Forensic Geology

https://www.mdpi.com/journal/forensicsci/special_issues/215E83UM71

7. News from INHIGEO

1. New Anniversary contribution

Occasion: Japanese paleobotanist 110 years ago

Author: Michiko Yajima (Japan)

Title: Kono Yasui (1880–1971): The first Japanese woman to receive a doctoral degree in science

Japanese women had not been permitted to attend school until 1854 and those who wanted to study natural sciences had to become medical doctors and teachers. Then the Japanese government established two additional institutes called Women's Higher Normal School, in Tokyo and in Nara and this is where Kono Yasui began her scientific studies.



Figure 7. Yasui Kono (1880–1971)
(Source: Wikimedia commons)

2. Prestigious Book Award for INHIGEO member

Jiuchen Zhang (INHIGEO member for China) recently won the prestigious Winjin Book Award 2023 from the Chinese National Library in the category of Popular Science for her book *Humanity Earth. The History of Human Understanding of the Earth* published in 2022 by Peking University Press. <https://www.pup.cn/>

The author traces the journey of human understanding of the appearance of the “Pale Blue Dot” by comparison of geoscientific sources from eastern and western civilizations along a timeline encompassing three broad historical periods. Refer to the recent review published in *Episodes* by Chao Liu <https://www.episodes.org/journal/view.html?uid=2329&vmd=Full>



Figure 8. Photo 1 caption. Jiuchen Zhang at the Winjin Book Award ceremony 2023.



Figure 9. Cover of the award winning book *Humanity Earth: The History of Human Understanding of the Earth*

3. *INHIGEO* collaboration with Earth Science Matters Foundation Youth Outreach Program

On April 26, 2023 INHIGEO Secretary-General Martina Kölbl-Ebert was interviewed by Victoria Corcimaru of the Earth Science Matter's Youth Outreach program in a Fireside Chat on the History of the Geosciences for their Geo-Insider Series. You can watch this interview underlining how INHIGEO is an IUGS Commission at the forefront of interdisciplinary research between Earth Scientists and Historians of Science from around the globe providing perspectives and lessons on historical context, diversity and controversies from the past towards a more sustainable future.

<https://www.earthsciencematters.com/geo-insider/history-geo/>

8. News from IUGS_IGCP_UNESCO

Geoscience in Africa: new survey to assess challenges and foster solutions

The survey is part of the UNESCO International Geoscience Programme (IGCP), entitled Fostering Researchers in the Geosciences (FoRGe, IGCP project 685c) under Geology for Sustainable Development project (IGCP 685). FoRGe aims to build research capacity in developing countries by responding to needs identified by researchers in those countries and by working in collaboration with third-level educational institutions. Researchers based in Africa are invited to participate in this first FoRGe survey, which aims to ensure that programme activities respond to clearly identified needs. It is open until 15 August 2023 and available from UNESCO website: <https://www.unesco.org/en/articles/geoscience-africa-new-survey-assess-challenges-and-foster-solutions>

The Colloquium of African Geology (CAG) is a major biennial meeting organized under the auspices of the Geological Society of Africa (GSaf). With the inspiring theme “**The earth sciences and Africa’s development: current realities, future projections**”, CAG29 will be held at the **Safari Hotel Conference Centre, Windhoek**, from **September 26th to 29th, 2023**. UNESCO and IUGS are organizing a session about the International geoscience programme as well as a field trip and workshop on the topics of geoh heritage and geoparks in Africa.

Please contact Ozlem Adiyaman Lopes (o.adiyaman@unesco.org) and Kombada Mhopjeni (k.mhopjeni@unesco.org) if you would like to participate these events.

Details of the conference can be found <https://cag29gsaf.org/>.

Call for abstracts: 29th COLLOQUIUM OF AFRICAN GEOLOGY 2023



29th Colloquium of African Geology

“The earth sciences and Africa’s development: current realities, future projections”

26 – 29 September 2023 | Windhoek, Namibia

CALL FOR ABSTRACTS



The Lion’s Claw, a distinctive rock formation at the World Heritage site of /Ui-//aes, also known as Twyfelfontein in the Kunene Region, Namibia

“Namibia the World’s Geological Paradise”

Spearheaded by the Geological Survey of Namibia

Figure 10. 29th Colloquium of African Geology



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
- Follow the IUGS on Social Media! We are on [Facebook](#), [Twitter](#), and [LinkedIn](#).
- Check the IUGS website: <http://www.iugs.org/>

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

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