

News at a Glance

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- 1. IUGS Nominating Committee decided to announce the second call for nominations of next IUGS EC and NC members (2024-2028)**

The third meeting of the IUGS Nominating Committee (NC, 2020-2024) was held virtually on November 3rd, 2023. The meeting was organized by the NC Chair Professor Qiuming Cheng with the attendance of 5 NC members from Colombia, Germany, Namibia, Spain, and USA. NC members reviewed the list of nominations received since the first Call for Nominations of the next IUGS EC and NC members (2024-2028) was announced this January with the deadline of October 31st, 2023.

To better pursue gender, geographical and disciplinary balance, NC members agreed to announce the Second Call with an extended deadline of December 31st, 2023. NC members encourage more nominations from Africa and South America and more for female candidates.

NC members decided NC work plan for the year of 2024:

- (1) January-March 2024: Discuss and put forward the slate of candidates by the NC;
- (2) April 2024: Send the formal slate to the IUGS President;

(3) August 2024: Be elected by the IUGS Council.

IUGS Nominating Committee will hold an in-person meeting in middle March so as to screen the nominations and finalize the slate of candidates.

Please download relevant documents of the Second Call for Nominations of IUGS EC and NC members (2024-2028) by clicking links below::

[Second Nomination Call.pdf](#)

[Second Nomination Call NC.pdf](#)

[IUGS Nomination Form 2023\(1\).pdf](#)



Figure 1. Virtual meeting of NC Chair with NC members.

2. 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 the 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

3. 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_d422d2550cf4cf983ced0d0f35722e0.pdf?index=true

https://www.iugs.org/files/ugd/f1fc07_786634e390ac495486fccbd46cdf0658.pdf?index=true

https://www.iugs.org/files/ugd/f1fc07_44b9b69776424a15be0b1978f45784bb.pdf?index=true

https://www.iugs.org/files/ugd/f1fc07_b12462a5135742c8a5ce736370d87749.pdf?index=true

https://www.iugs.org/files/ugd/f1fc07_c81d921c6f164f9db4b87aa07d099d66.pdf?index=true

https://www.iugs.org/files/ugd/f1fc07_7c60a0617ee943c9b946fd482d9aa5c0.pdf?index=true

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

4. DDE-CGI November 2023 in-person meetings on geoscience standards were held with great success at Suzhou, China

Effective communication of information relies heavily on the adoption of global geoscience standards to ensure fairness of data resources. In order to optimize coordination and planning of geoscience standards, to support the success of DDE to enable acceleration of data driven deep-time research and provision of benefits to support geoscience for the society, a workshop on the Geoscience Information Standards for DDE and a forum on Future Geoscience Information Standards co-hosted by Deep-time Digital Earth Secretariat and Commission for the Management and Application of Geoscience Information (CGI) of IUGS were held on 7-8 Nov and 9-10 Nov, respectively, at Suzhou, China and with great success. The workshop and forum were chaired by Prof. Harvey Thorleifson, Prof. Natarajan Ishwaran, Prof. Zhang Minghua, Dr Mark Rattenbury and François Robida.

With the welcome address by IUGS President Prof. John Ludden, DDE Deputy Secretary General Prof. Natarajan Ishwaran and CGI Chair Prof. Harvey Thorleifson, followed by keynotes on the Role of Geoscience Information Standards for international initiatives and programs by François Robida and DDE Big Science Program by Prof. Hans Thybo, DDE Science Committee Chair. The DDE geoscience information metadata standard (Edition 1.0–2023) was then formally released with a presentation by Prof. Zhang Minghua and Dr. Steve Richard. DDE Science Working Groups progress and plans were presented by some ten DDE-WTGs. Extensive discussions were held related to the progress of DDE-WTGs and the current geoscience standards needed for DDE and concurrent initiatives, particularly DDE standards, data and platform. Finally, general discussions on next steps for global geoscience standards were held, and valuable suggestions to both CGI and DDE on both the strategic plan and current actions were provided

by participating experts and scientists.



Figure 2. Group photo of the workshop and forum on future geoscience information standards

5. Golden Nail ceremony for the base of the Coniacian Stage: Geology Oscar for Salzgitter-Salder, Northern Germany

On Tuesday, 19th September 2023 the dedication ceremony for the base of the Coniacian Stage Stratotype and Section and Point (GSSP) took place in the castle of Salder, Northern Germany. The GSSP defines the boundaries between the Turonian and Coniacian stages of the Late Cretaceous System (<https://cretaceous.stratigraphy.org/gssps/coniacian>) and was ratified by IUGS in May 2021 (Walaszczyk et al. 2022), Episodes v. 45, n. 2 (<https://www.episodes.org/journal/view.html?volume=45&number=2&spage=181&vmd=Full>) In advance to the event Prof. Ireneusz Walaszczyk, University of Warsaw, Prof. Silke Voigt, Goethe University Frankfurt, with the support of Dr. Roberto Pierau and Dr. André Bornemann, both State Authority for Mining, Energy and Geology, Lower Saxony (LBEG), and other geoscientists, have thoroughly investigated the 40 meters of the geological strata sequence in the former limestone quarry.

The GSSP for the base of the Coniacian Stage is defined by the first occurrence of the inoceramid *Cremnoceramus deformis erectus* (Meek, 1877) at the base of Bed 46 at Salzgitter-Salder (Lower Saxony Basin, Germany). The first appearance of *C. deformis erectus* follows shortly the first appearance of its evolutionary predecessor, *C. waltersdorfensis waltersdorfensis*, which marks the main turnover events in evolutionary history of the clade around the base of the Coniacian. These biostratigraphic markers are largely recognisable across the entire Euramerican Biogeographic Province. Three auxiliary sections complement the GSSP, they are Słupia

Nadbrzeźna (central Poland), Střeleč railway cut section (Czech Republic), El Rosario section (Mexico)



Figure 3. GSSP Golden Nail for the base of the Coniacian Stage.

The ceremony, organized by the Coniacian Working Group of the International Subcommittee on Cretaceous Stratigraphy [<https://cretaceous.stratigraphy.org/>], was opened by Prof. Silke Voigt (University of Frankfurt, member of the International Subcommittee on Cretaceous Stratigraphy) and by the 2nd Major of the City of Salzgitter Christian Strieseder. Speeches were given by Prof. Philip Gibbard (Secretary General of the IUGS - International Commission on Stratigraphy), Prof. Maria Rose Petrizzo (Chair of the IUGS - ICS International Subcommittee on Cretaceous Stratigraphy), Dr. Henning Zellmer (GeoparkHarz –Braunschweiger Land – Ostfalen), Dr. Markus Stöwer (Department Head, State Authority for Mining Energy and Geology (LBEG), Lower Saxony), Dr. Markus Wilmsen (Chair of SKS - Subkommission für Kreide-Stratigraphie, Vice Chair of the DSK - Deutsche Stratigraphische Kommission) and Prof. Ireneusz Walaszczyk (Chair of the Working Group of the Coniacian Stage). The Golden Nail was then installed *in situ* in the nearby quarry Salzgitter-Salder.



Figure 4. Silke Voigt explaining the GSSP in Salzgitter-Salder

The representatives of the region were delighted that this scientific globally important boundary was discovered and the local news called it the “Oscar of Geology for the quarry of Salder”. The GSSP was originally researched and investigated for many years in advance by an international team of geoscientists including Silke Voigt, Ireneusz Walaszczyk, Markus Wilmsen, Frank Wise, Brigit Niebuhr, Ian Jarvis and Christina Ifrim.



Figure 5. Ireneusz Walaszczyk installing the Golden Nail.



Figure 6. Participating representatives of IUGS (from right to left): Phil Gibbard (ICS, University of Cambridge), Maria Rose Petrizzo (Cretaceous Subcommittee, University of Milano), Kristine Asch (IUGS CGI Geoscience Terminology Working Group, Federal Institute for Geosciences and Natural Resources - BGR)

Photos and further details on the attendances are available at [\[https://cretaceous.stratigraphy.org/news/Coniacian-ceremony\]](https://cretaceous.stratigraphy.org/news/Coniacian-ceremony)

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

European Commission, Raw Materials Week, 13-17 November 2023, Brussels, Belgium Responsible Sourcing and Traceability of Critical Raw Materials (CRM), 14 November 2023, Brussels, Belgium

Civilisation would not exist as we know it without the mineral resource upon which it relies. The future demand for critical geological raw materials is likely to increase significantly into the future. These materials include base metals, rare earth elements, platinum group metals (PGM), and certain metals such as cobalt, tungsten, tantalum and tin (3Ts) that mainly originate in areas of armed conflict. Their demand is driven by the need of new and alternative energy conversion technologies for the ‘Green Transition’, for information technology, and for the necessary infrastructure around the world. However, unfortunately, criminal activities may be often present in the supply-webs of these mineral raw materials. The respective beneficiaries are often well-organised syndicates, criminal gangs, cartels, or even terrorist groups. The objective of this workshop, in collaboration with IUGS-IFG Chair (Laurance Donnelly), is to provide an overview of how geologists, working together with international law enforcement, have an increasing role to help detect and deter crimes such as falsified documents of origin, theft, extortion, fakery, substitution, adulteration, and other fraud. Methods for provenance determination (predictive geolocation) and traceability are also presented to verify that such critical raw materials are responsibly sourced.

[Workshop: Responsible Sourcing and Traceability of CRM - 14 November 2023 - Intra.](#)



Raw Materials Week
13 • 17 November 2023
Brussels



Figure 7. Brochure for Raw Materials Week, 13-17 November 2023, Brussels, Belgium

New Horizons in Forensic Geoscience: The Bedrock of International Security in Minerals, Mining, Metals, Murders and the Missing, London 4-5 December 2023

Abstracts for the above GSL-FGG and IUGS-IFG joint meeting can be submitted until 31 October 2023. For more information and registration, please access:

<https://www.eventbrite.co.uk/e/new-horizons-in-forensic-geoscience-the-bedrock-of-international-security-tickets-660965133507>

<https://geoforenses.com/>

Illegal Gold Mining in Peru

Increasing gold prices are contributing to illegal mining activities and associated human rights violations in Peru.

<https://www.theguardian.com/global-development/2022/aug/26/peru-land-invaders-gold-fields-miners>

OAS and Illegal Mining and Illicit Gold by Transnational Organised Crime Groups (TOGCs)

Information on illegal mining, from the Organization of American States (OAS), which was established in 1948, in Bogotá, Colombia, can be found on the link below: The project develops capabilities against the financing of illegal mining with a focus on Colombia, Ecuador, Peru, Guyana and Suriname.

<https://www.oas.org/en/sms/dtoc/prog-illegal-mining.asp>

Raymond Murray Award for Forensic Geology

The IUGS-IFG award, has been formally renamed the Raymond Murray Medal, awarded for in recognition of distinguished international contribution to forensic geology. IUGS-IFG are expected to give this award in December 2023.

7. News from INHIGEO

INHIGEO Award

48th INHIGEO ANNUAL SYMPOSIUM 2023

INHIGEO Award for young delegate!

The **INHIGEO Early Career Award**, for best presentation during the annual symposium by a young scholar under age 35, was presented during the INHIGEO Business Meeting on 4th August 2023 by Martina Kölbl-Ebert (INHIGEO Secretary-General) and Ezio Vaccari (INHIGEO President) to Daniele Musumeci (INHIGEO member for Italy) for his presentation *Scientific paradigms and complexity in modern and contemporary volcanology: the contribution of the studies on Mt. Etna and Mt. Vesuvius* at the recently held 48th INHIGEO Symposium at the AGH University of Science and Technology in Cracow, (Poland) during July 31stJuly -August 4th 2023.



Figure 8. INHIGEO Early Career Award Ceremony

INHIGEO participates in Global History of Science and Technology Festival 2023



DHST Global History of Science and Technology Festival 2023
The Future of History of Science and Technology / History of Science and Technology for the Future
28-30 Sep 2023

Figure 9. Presence of INHIGEO at the global conference.

The IUGS International Commission on the History of Geological Sciences (INHIGEO) is affiliated with the International Union of the History and Philosophy of Science and Technology (IUHPS) under the [Division of History of Science and Technology \(DHST\)](#) and recently participated on **29th September** in the global conference aimed at bringing together historians of science and technology representing the diversity of regions, backgrounds and topics that the DHST stands for to reflect on the topic: *The Future of History of Science and Technology/ History of Science and Technology for the Future*.

The conference organized as a 24-hour online festival moved across the globe through different time zones, providing a forum for speakers who were nominated by their national members, commissions, and sections.: the aim was to make a clear statement with respect to the main theme from each speaker's unique standpoint within their national or disciplinary tradition. **INHIGEO's perspective given by Ezio Vaccari (President INHIGEO) within Session 19** was well received and praised for ongoing and planned initiatives, especially related to history of places and sites and role of women in the development of the geological sciences, and in particular research within non-European contexts. The presentation is available to watch at the link (YouTube: DHST sessions 18-20 (4 hours): minute 1:00:09 - 1:59:59(https://www.youtube.com/watch?v=6EgmXSPukYA&list=PLEx-iQUe-OPodxfRUrcyRpMIy_XgMf-XN&index=16))

INHIGEO Anniversary contribution

Occasion: BAAS 1st female members 170 years ago

Title: "What is strange, there is generally almost as many ladies as gentlemen present"

Author: Martina Kölbl-Ebert (Germany)

In the early nineteenth century, geology was a fashionable science in Britain, widely discussed in polite society, and flourishing as a private interest in the leisured classes. In this not-yet-professionalised scientific community female participation in geology was favoured for several reasons – within the restrictions of the social order – as fellow enthusiasts and often encouraged by leading scientists such as Murchison and Lyell. However, attendance at the annual meetings

of the British Association for the Advancement of Science (BAAS), founded in 1831, was not without obstacles.

8. Obituary of Vale Barry J Cooper (September 1948-October 2023)

(by Margaret Brocx, Bjorn Schouenborg, Antonio Gilbert and Gurmeet Kaur)

It is with great sadness we record the passing away of the Heritage Stone Task Group founder Prof. Barry J Cooper.

The proposal to designate natural stones that have achieved widespread utilization in human culture was first mooted by Barry in late 2007 and first presented in a public forum at the 33rd International Geological Congress (IGC) in Oslo in July 2008 and started as a task group in IAEG C10 Building stones. Over the next four years, a network of international correspondents was created, circulars were distributed, a website was established (by Barry and his son), and formal rules were adopted, all with the focus of establishing the ‘Global Heritage Stone Resource’ designation. A closer collaboration with IUGS was also established.

It was during the 2012 34th IGC in Brisbane that the IUGS recognised a new aspect of geoheritage with the formal establishment of a “Heritage Stone Task Group” or HSTG. The Heritage Stone Task Group was comprised of the first international group of geologists, under the auspices of IUGS and IAEG, to consider building stone and ornamental rocks, otherwise known as “dimension stone”. Formally, the Heritage Stone Subcommittee (HSS), a subcommittee of the IUGS International Commission for Geoheritage were approved by IUGS at the IGC in Cape Town in 2016. Barry was the first Secretary General of our newly formed subcommittee on Heritage stones.

In contrast to other IGCs, known for their focus on mining resources, the 2012 session was a defining moment for the HSTG.

The HSTG later progressed to become the Subcommittee on Heritage Stones following the 2015 publication of the Geological Society of London Special Publication 407 *Global Heritage Stone: Towards International Recognition of Building and Ornamental Stones*, edited by Dolores Pereira, Brian Marker, Sabina Kramar, Barry Cooper, and Bjorn Schouenborg. This was a pioneering volume that consisted of 21 papers and an Introduction that brought the subject of heritage stone and the Global Heritage Stone Resource designation to a general geological audience (Hannibal *et al.* 2000).

For those of us who have had the privilege to know Barry, this is a time to reflect and celebrate the amazing person that he was.

Bjorn Schouenborg shared this anecdote about Barry: “during an IGC meeting in Cape Town I started to call Barry ‘Battery Cooper’. He was very similar in action as the Duracell rabbit promotion - if you have seen it, always running ahead of us. Occasionally he lost contact with those us who couldn’t keep up with his pace but all for the benefit of Heritage Stones!”

Margaret Brocx shared that Barry was inspirational in initiating research on building stones and geoheritage which later led to the presentations and subsequent publications, *e.g.*, Brocx M & Semeniuk V 2017. *Building stones can be of geoheritage significance*.

'Antônio Gilberto shared, I will always remember the defenses that Barry made for the memory of our stones'.

Gurmeet Kaur remembers interacting with Barry during the Salamanca Stone Workshop, and found him inspiring, encouraging and passionate Heritage Stones leader.

Our condolences to Barry's family at this time. I know that on behalf of all of those that knew Barry, he will always be remembered as being unwaveringly focussed on what he wanted to achieve, with grace. He was an inspiration to all of us!



Figure 10. Fond Memories of Barry Cooper with friends and colleagues at various forums (Collage Courtesy: Bjorn Schouenborg)



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

The IUGS Commission on Geoscience Education (COGE) has been working hard “behind the scenes” this November, planning for 2024 and beyond. We are currently drafting the 2024 Working Plan Strategy as a part of our 4-Year Plan (2022-2025), that includes a report of membership, programs, budgets, and more.

Welcome to a new GEFO, Nestor Salinas!

We are excited to announce the acceptance of a new Geoscience Education Field Officer (GEFO), Nestor Damian Salinas Franco (Paraguay). Nestor is a geoscience education researcher pursuing a PhD in Higher Education Management at the University of Asunción. In addition to geoscience education, Nestor has published several scientific articles and presentations on urban sedimentation and environment, petrology, geomorphology, and geoparks. He is also a Logistics Coordinator for the Latin American Chapter of IGEO.

Welcome, Nestor! For more information about the GEFO Program, visit: <https://iugscope.org/geoscience-education-field-officer-program/>

Social Media and Website Updates!

COGE’s Social Media Team is publishing more content every week, with interviews with COGE members and excerpts from our exclusive interview with Dr. Hector Lacreu, the inaugural Chris King Medal winner! We’re also asking fun questions like, “What Book Got You into Geoscience?”. As always, please Like, Follow, and Share our social media accounts so that we can collectively grow global geoscience education! Facebook Page, Facebook Profile, Instagram Profile, LinkedIn Account, X (Twitter) Account, YouTube Account. We’ve also updated our Education Resources page on our website to include four Geoscience Education categories: Organizations, Journals, English Resources, and Non-English Resources. The Resources lists include websites, YouTube channels, and free online textbooks to serve all your geoscience education needs as an educator or student!

10. IUGS set up booth at the exhibition of the 2023 GSA Annual Meeting

The 2023 Annual Meeting of Geological Society of America (GSA) was held in Pittsburgh, Pennsylvania, United States on October 15-18, 2023. IUGS Secretariat set up a booth at the exhibition of the Meeting to promote the scientific achievements of IUGS and enhance the international influence of the Union. IUGS publications, including The First 100 IUGS Geological Heritage Sites and Manual of Standard Methods for Establishing the Global Geochemical Reference Network, IGCP projects, IUGS big science program Deep-time Digital Earth, and the latest version of the ICS Chronostratigraphic Chart attracted a number of meeting participants. The 37th International Geological Congress was also promoted at the booth.

IUGS Secretary General Prof. Stanley Finney also visited the IUGS booth and promoted IUGS activities and answered questions from meeting participants at the booth.



Figure 11. IUGS Booth at the exhibition of the 2023 GSA Annual Meeting

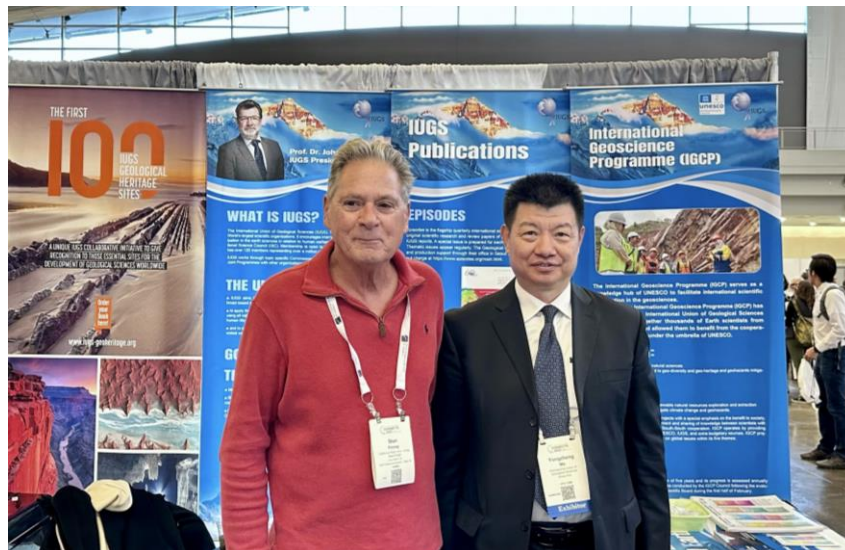


Figure 12. IUGS Secretary General Prof. Stanley Finney and Director of IUGS Secretariat Mr. Ma Yongzheng at the IUGS booth

11. News from the Subcommittee on Permian Stratigraphy SPS

Redefinition of the GSSP proposal for the base of the Wuchiapingian Stage (and Lopingian Series).

The original base-Wuchiapingian GSSP in Guangxi, China has been permanently flooded due to a hydroelectric dam. A new section was excavated along the bank of the Hongshuihe River at a place about 10 m higher than the original GSSP at Penglaitan.

The revised Global Stratotype Section and Point (GSSP) for the base of the Wuchiapingian Stage (Permian System), defined at the base of Bed n6L in the newly exposed Penglaitan section and correlated by the first appearance datum (FAD) of the conodont *Clarkina postbitteri* was voted and ratified by IUGS Executive Committee on 24 July 2023.

A Standard Auxiliary Boundary Stratotype (SABS) for the base of the Wuchiapingian Stage at the Fengshan Section, China, was approved by SPS on 16 April 2023.

12. News from the IUGS-Commission on Geoethics

The call for abstracts is open for the sessions on geoethics co-sponsored by the IUGS Commission on Geoethics and the IAPG – International Association for Promoting Geoethics at the scientific congresses listed below.

International Geological Congress (IGC 2024)

Busan (Republic of Korea), 25-31 August 2024

Theme T39 "Geoethics and Societal Relevance of Geosciences"

Session 1 "Geoethics at the heart of all geoscience: serving the public good" (Convener: Silvia Peppoloni)

Session descriptions and links to abstract submission at:

<https://www.geoethics.org/post/geoethics-37th-igc-2024>

Deadline for abstract submission: 16 February 2024, 24:00 (KST, UTC/GMT+09)

European Geosciences Union (EGU) – General Assembly 2024

Vienna (Austria), 14-19 April 2024

Education and Outreach Sessions (EOS)

EOS4.4 "Geoethics: Geoscience Implications for Professional Communities, Society, and Environment" (Conveners: Silvia Peppoloni and Giuseppe Di Capua)

EOS4.8 "Climate and ocean change communication, education and geoethics: Crisis, crime, survival, war, ..." (Conveners: David Crookall, Giuseppe Di Capua, Svitlana Krakovska, Bärbel Winkler, Dean Page)

Session descriptions and links to abstract submission at:

<https://www.geoethics.org/egu2024>

Deadline for abstract submission: 10 January 2024, 13:00 CET

Congress of the International Union of Soil Sciences (IUSS)

Florence (Italy), 19-21 May 2024

Theme: Soil and humanity

Session 132332 "Soil science and geothics: Contributing to create a more sustainable society" (Conveners: Silvia Peppoloni, Anna Krzywoszynska, Giuseppe Di Capua)

Session descriptions and links to abstract submission at:

<https://www.geothics.org/post/iuss24>

Deadline for abstract submission: 15 January 2024

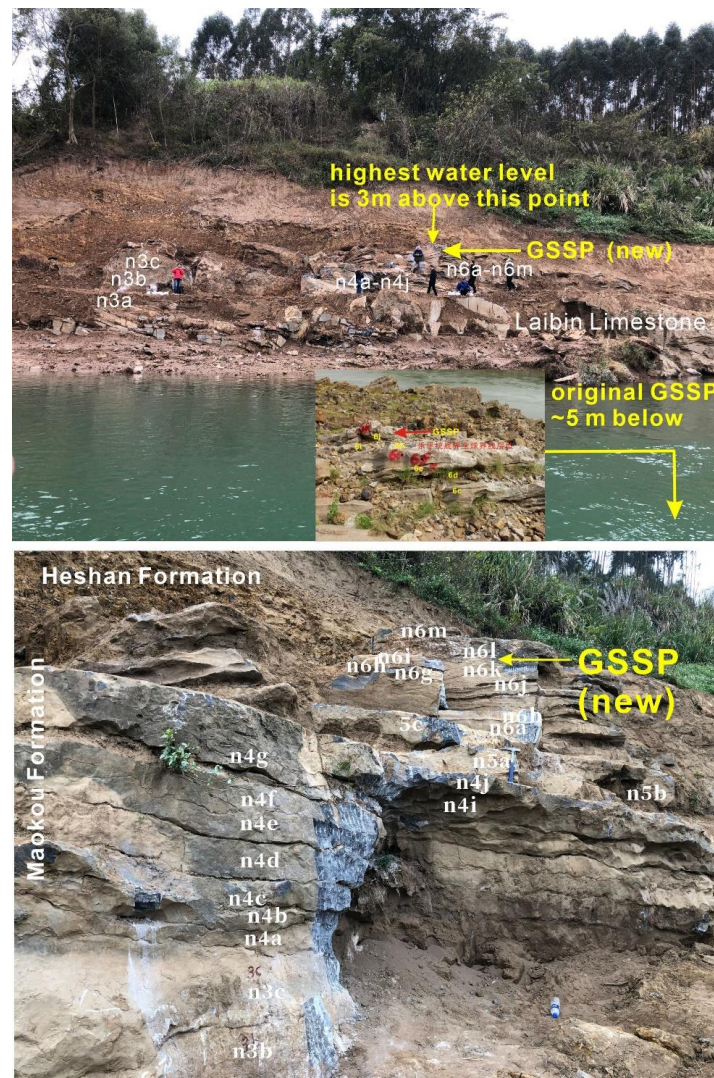


Figure 13. The revised Global Stratotype Section and Point (GSSP) for the base of the Wuchiapingian Stage at Penglaitan, China.

13. News from the IUGS-ICG

III International Workshop-cum-Seminar on Natural Stones and Conservation of Heritage Stones 1st to 6th December 2023 at Jaipur-Makrana-Agra (India)

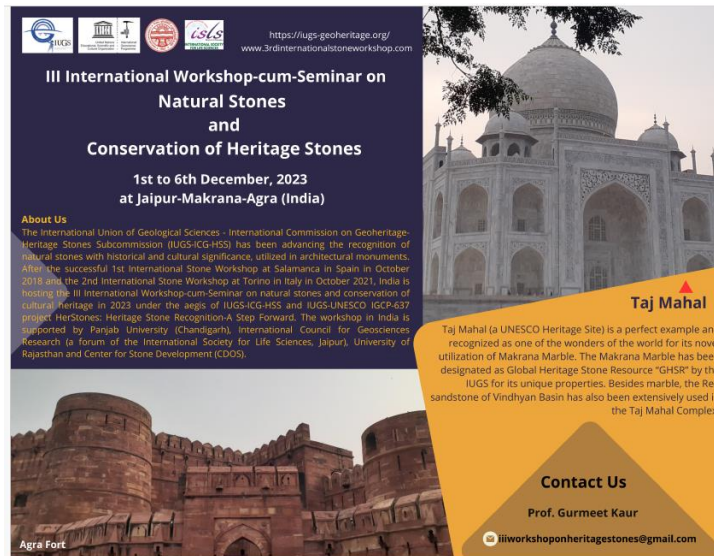


Figure 14. Brochure III International Workshop-cum-Seminar on Natural Stones and Conservation of Heritage Stones

For more information, visit our website: <https://www.3rdinternationalstoneworkshop.com/>

European Geosciences Union (EGU) – General Assembly 2024

Vienna (Austria), 14-19 April 2024

ERE – Energy, Resources and the Environment

ERE4.11 [Heritage Stone Subcommittee: Natural stones and their relevance](#)

Convener: Gurmeet Kaur | Co-conveners: Parminder Kaur^{ECS}, Angela Ehling, Valentina Cetean, Luis Lopes

International Geological Congress (IGC 2024)

Busan (Republic of Korea), 25-31 August 2024

Theme

Session 1 - Heritage Stone: safeguarding the cultural and social legacy of rocks (Convener: Víctor Cárdenes Van den Eynde/ University of Oviedo)

Session 2 - Stone Heritage from the emerging world: A step forward for IUGS Heritage Stone designation (Convener: Gurmeet Kaur / Panjab University)

Session 8 - The Second 100 IUGS Geological Heritage Sites (Convener: Asier Hilario/ International Commission on Geoheritage (IUGS))



14. News from the Commission on Global Geochemical Baselines

The IUGS Commission on Global Geochemical Baselines co-organised the Joint Annual Meeting together with the [Geochemistry Expert Group](#) of EuroGeoSurveys (EGS-GEG) and the Geochemistry Group of ASGMI ([Ibero-American Association of Geological and Mining Surveys](#); ASGMI-GG).

A three-day physical meeting (5-7 October 2023) was hosted by the “Dipartimento di Scienze della Terra, dell'Ambiente e delle Risorse” ([DiSTAR](#)) at the “Università degli Studi di Napoli Federico II” in Monte Sant Angelo (Naples, Italy). A total of 35 participants from Europe, Chile and Armenia attended in person.

The first day was focused on the activities carried out by EGS-GEG & ASGMI-GG for the last quarter of 2022 and the first nine months of 2023, and future joint collaborations (publications, workshops proposals or projects in 2024). Of particular interest was the report for the capacity building workshops for African countries. The IUGS-CGGB presented its activities during 2023 and an overview of planned activities next year, e.g., the 37th IGC in Busan (South Korea) with the 4th Arthur Darnley Symposium dedicated to geochemical mapping, and a three-day workshop, as well as , the activities related to the promotion of the [IUGS Manual of Standard Methods](#) and its impact on the applied geochemistry community.

The second day was devoted to presentations of geochemical studies carried out by the geological surveys (Armenia, Chile, Czech Republic, Denmark, Estonia, Finland, France, Germany, Ireland, Italy, Poland, Portugal, Slovenia, Spain and Sweden) and associated research institutions. Discussions were held on the role of geochemistry in environmental projects, exploration of mineral resources, climate change with emphasis on the destructive flooding events, urban planning, policy making (EU Soil Directive) and even applications of geochemistry in relation to the food chain.



Figure 15. Group photo of the delegates.

On the third day an excursion to the active volcanic area of Campi Flegrei was organised, followed by an afternoon visit to the ancient city of Pompeii, which was buried under metres of ash and pumice from the catastrophic eruption of Vesuvius in 79 AD.

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](#).
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