



**INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS
UNION GEODESIQUE ET GEOPHYSIQUE INTERNATIONALE**

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This monthly newsletter is intended to keep IUGG Members and individual scientists informed about the activities of the Union, its Associations and interdisciplinary bodies, and the actions of the IUGG Secretariat, Bureau, and Executive Committee. Past issues are posted [here](#). E-Journals may be forwarded to those who will benefit from the information. Your comments are welcome.

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1. IUGG Bureau and Finance Committee Members (2023-2027) – Call for Nominations (Reminder)

The IUGG Council, at its final meeting during the [IUGG General Assembly 2023](#) in Berlin, Germany, will elect the IUGG [Bureau](#) and [Finance Committee](#) Members for the coming quadrennium (2023-2027). These include the President-Elect, Secretary General, Treasurer, 3 Members of the Bureau, and 3 Members of the Finance Committee.

The IUGG President Kathryn Whaler appointed the following [Nominating Committee](#): Harsh Gupta (India; Chair), Anny Cazenave (France), Hugo Delgado Granados (Mexico), and Alberto Montanari (Italy).

The official representatives of the Adhering Bodies of the Member Countries as well as IUGG and Association Officers are invited to submit candidates for the positions on the Bureau and Finance Committee. Note that scientists from countries represented by Adhering Bodies that have Associate Membership, or have been in Observer status for more than two years, and scientists from countries not represented by an Adhering Body, are not eligible to be candidates or to hold elected positions in the Bureau and Finance Committee. Each nomination must include a completed *Nomination Form*, which states the motivation of the proposed candidate as well as the agreement of the candidate to serve if elected. *No one can be a candidate for more than one position in the election.*

The deadline for submission of nominations is **11 October 2022**. The nominations should be submitted *by e-mail* to the [IUGG Executive Secretary](#) Franz Kuglitsch. After that time, the Nominating Committee will prepare a document presenting one or two names for each position that will seek a reasonable balance in geographical and disciplinary distributions, gender, age, and experience. This document will be sent to the officers of the Adhering Bodies, the Union and Associations to be received by 11 November 2022. The second deadline is **11 April 2023**. New candidates for each office will be added to the ballot if they are supported by at least three Presidents or equivalent officers of National Committees of Member Adhering Bodies. The final list of nominations will be compiled and distributed so that it is received by 11 May 2023. The By-Laws permit re-nominations following the closure of the first Council Meeting at the General Assembly.

For more information, please contact the [IUGG Executive Secretary](#).

2. IUGG General Assembly 2023: Progress Report



The XXVIII IUGG General Assembly ([IUGG2023](#)) will be held from 11 to 20 July 2023 in Berlin, Germany. This is a special opportunity for participants from Europe and from around the world to meet in-person under the theme *Together Again for Geosciences*.

The IUGG2023 will be hosted by the German National Committee for Geodesy and Geophysics (NKG) and organised by the German Research Center for Geosciences ([GFZ](#)). It will be supported by the German Research Foundation ([DFG](#)), the Federal Institute for Geosciences and Natural Resources ([BGR](#)), the

German Adhering Body to IUGG) and several other German organisations and research centres. We look forward to welcoming over 5,000 delegates at the Assembly.

The Local Organising Committee ([LOC](#)) was assembled from researchers across Germany, meets regularly online, and appointed [C-IN](#) as the professional conference organiser. A number of important activities have taken place so far, including the setup of the conference website, the production of advertising material, and the active promotion of IUGG2023 at major international conferences.

The Scientific Program Committee ([SPC](#)) consists of the Secretaries General of the Associations and the Union, meets regularly online, and decided to reduce the scientific program of IUGG2023 to 8 days (12 to 19 July 2023). Currently, 6 Union Symposia, 9 Union Lectures, and over 50 Inter-Association symposia proposals have been accepted and are in the final stages of preparation. At the Association level, over 150 symposia proposals are under consideration. The next and final stage includes their refinement by the lead conveners and the approval by the lead Associations with the planned date of posting at the end of September 2022.

Together, the two committees have agreed on the following [deadlines](#):

IMPORTANT DATES

30 September 2022

- Online registration and abstract submission opens
- Online accommodation reservations open
- Travel grant applications open

14 February 2023

- Closing of abstract submission
- Closing of grant application submission

17 March 2023

- Abstract/grant acceptance sent to participants

28 April 2023

- Early-bird registration closes

02 May 2023

- Newsletter on field trips and accommodation reservations
- Final Adjustment of program

12 May 2023

- Complete scientific program and guidelines for presenters published

If you need a visa to travel to the European Union, please find more information [here](#).

Harald Schuh (LOC Chair) and Jürgen Müller (SPC Chair)

3. IUGG Website

You might have noticed that the [IUGG Website](#) has a new look. This external change was accompanied by considerable revision of the content as well as a large number of necessary technical adjustments.

Please note that we are still in the final stages of transformation and therefore may not yet be fully functional. We thank you for your patience.



4. IUGG at the 12th UN-GGIM Session: Meeting Report



The twelfth session of the United Nations Committee of Experts on Global Geospatial Information Management ([UN-GGIM](#)) was held from 3 to 5 August 2022 at the United Nations Headquarters in New York, USA. UN-GGIM, which comprises experts designated by the Governments of Member States, seeks to promote international cooperation in

global geospatial information management and to provide a forum for coordination and dialogue among Member States, and between Member States and relevant international organisations. As the relevant inter-governmental body on geospatial information in the United Nations, UN-GGIM reports on all matters relating to geography, geospatial information and related topics to the United Nations Economic and Social Council ([ECOSOC](#)).

This annual session of designated national representatives and senior executives from national geospatial information authorities of Member States, and geospatial information experts from international organisations, UN system and relevant stakeholders continued to enhance the collaboration, coordination and coherence in global geospatial information management. Led by Member States, UN-GGIM addresses global challenges regarding the production, availability and application of geospatial information, including in development agendas and policymaking. UN-GGIM is the apex intergovernmental mechanism in the United Nations for making joint decisions and setting directions towards nationally integrated geospatial information management within national, regional and global policy frameworks and development agendas.



Harald Schuh, IUGG Liaison Officer to UN-GGIM, attending the 12th UN-GGIM session in New York



Harald Schuh in front of the Non-Violence sculpture in front of the UN headquarters

In this 12th UN-GGIM session, which took place in person only, there were over 400 participants in total. 73 member states were represented and 115 observers attended (like me for IUGG); observers have the same rights and possibilities as the member states representatives, e.g., they can bring in so-called "interventions". During these three days, 6 UN-GGIM sessions and more than 70 side events took place. In UN-GGIM there are 5 regional groups, 4 thematic networks, 8 working groups, in total 15 sub-structures. A main topic on the agenda was the further development of the Global Geodetic Reference Frame (GGRF) in the 193 UN member states that requires ground- and space-based geodetic infrastructure, and education and training of highly-qualified experts. IUGG and its Associations, such as IAG and its International Services, can play an essential role in providing the needed support.

Further information can be found [here](#).

Harald Schuh, IUGG Liaison Officer to UN-GGIM

5. Governing Open Science

First author, Christophe Cudennec, elaborates on his experience as Secretary General of International Association of Hydrological Sciences (IAHS). The publication of this [article](#) in Hydrological Sciences Journal, the Journal of IAHS, demonstrates how a century-old scientific community offers a reflexive space, and how open science developments can benefit from engaging with and springboarding from the existing self-organised structures of the scientific community. Along with COVID-19-related developments, the authors place the discussion of Open Science in the context of long-term and accelerating challenges of the Anthropocene, within which the hydrological entry point provides a key aspect and illustration based on the connecting and interfacing dimensions of water in nature and societies; the increasing role of water in security issues; and the diversity of water-related contexts and epistemologies across the world.



ABSTRACT

In November 2021, Member States unanimously adopted the United Nations Educational Scientific and Cultural Organization (UNESCO) Recommendation on Open Science. As attention now turns to the implementation of the Recommendation, time is ripe for the science community to take an active role in governance of the evolving science system if a new era of open science is to serve the global public good. This paper discusses open science in terms of the paradigm shift needed, the potential and directions for the evolution of global science, and governance arrangements in the broader perspective of Anthropocene-related challenges, with the hydrological entry point at its core.

KEYWORDS: open science knowledge public good polycentric governance scientific community

6. IACS/IAPSO – Online workshop on ice-ocean interaction: Announcement

We invite you to join an [online workshop on ice-ocean interaction](#) from 17 to 19 October 2022. The workshop is organised by the Joint IAPSO/IACS Commission on Ice-Ocean Interactions ([JCIOI](#)), and aims to draw together researchers interested in the processes that govern ocean-driven melt of glaciers and ice sheets across a range of locations and timescales.

We hope that this meeting will draw together the community, sharing knowledge across different research areas, and identifying critical knowledge gaps. The meeting will have a strong focus on open discussion, with sessions considering strategies to address these knowledge gaps, including how the JCIOI can best support the community. It is also an opportunity to share upcoming research plans and create linkages across different groups and research programs.

Deadline for [registration](#): **7 October 2022**

Felicity McCormack, Isabel Nias, and Sue Cook, on behalf of the organising committees

7. ISC – 2022 Call for Nominations to the ISC Fellowship

The International Science Council (ISC) is pleased to open the [2022 Call for Nominations to the ISC Fellowship](#) and looks forward to nominations from its Members (incl. IUGG) for the next intake of 60 Fellows by 7 October 2022. ISC Fellows are people of high scientific and public standing who will help the ISC in its mission to be the global voice for science. ISC Fellows must have the capacity to add value to the ISC in amplifying the global voice for science through ambassadorial and advisory roles.



**International
Science Council**

Background

On 9 June 2022 the ISC announced the [creation of the ISC Fellowship and the appointment of 66 Foundation Fellows](#). These are eminent scientists, engineers and thought leaders from across the spectrum of science and society, including 24 current and past members of the ISC Governing Board. The Fellowship is the highest honour that can be conferred on an individual by the ISC and recognises outstanding contributions to the promotion of science as a global public good. From this year (2022) onwards, an annual call for nominations to the Fellowship from ISC Members and other partners will be made, with a view to increasing the ISC Fellowship to around 600 active Fellows.

Details of the nomination requirements and process can be found in the [Call for nominations brochure](#).

Deadline for nominations

The nominations for the next intake of 60 Fellows can be submitted until 7 October 2022 through the webform which is available [here](#).

8. Awards and Honours

American Meteorological Society (AMS)

Gordon McBean (Canada), IUGG Bureau Member 1987-1995, was awarded the Warren Washington Research and Leadership Medal, *for outstanding research and leadership in advancing earth sciences and promoting global actions to spur noteworthy societal benefits*.

Congratulations!

9. Important IUGG Deadlines

20 September 2022: [Submit nominations for the 2023 Fellowship Awards](#).

11 October 2022: [Submit nominations for IUGG Bureau and Finance Committee Members \(2023-2027\)](#).

20 October 2022: [Submit nominations for the 2023 Gold Medal](#).

11 January 2023: [Submit proposals to host the 29th IUGG General Assembly in 2027](#).

11 January 2023: [Submit proposals for changes to the Statutes and By-Laws](#).

31 January 2023: [Submit Draft Resolutions for the 28th IUGG General Assembly in 2023](#).

10. Meeting Calendar

This calendar includes meetings which are planned to be organised in 2022 under the umbrella of IUGG, and major conferences of IUGG's partner organisations. Meetings are subject to change due to the COVID-19 pandemic. The calendar is updated regularly and is also available [online](#). If you would like to include the mention of a meeting, or report changes, please contact the [IUGG Secretariat](#).

September

- 4-9, IASPEI, IUGG, Bucharest, Romania, [3rd European Conference on Earthquake Engineering and Seismology](#). A joint event of the 17th European Conference on Earthquake Engineering and the 38th General Assembly of the European Seismological Commission (ESC)
- 5-8, IAG, IAGA, GFZ, Potsdam, Germany, [2nd International Symposium of Commission 4: Positioning and Applications](#)
- 11-15, IACS, IUGG, IGU, Innsbruck, Austria, [International Mountain Conference 2022](#)
- 11-17, IAGA, Çeşme, Turkey, [25th International Electromagnetic Induction Workshop of IAGA Division VI \(EMIW2022\)](#)
- 12-16, IAG, Austin TX, USA, [Gravity, Geoid, and Height Systems 2022 \(GGHS2022\)](#)
- 17-20, IAHS, Chia, Sardinia, Italy, [12th International Workshop on Statistical Hydrology \(STAHY2022\)](#)
- 19-25, IUGG, Berlin and other cities, Germany, [100th Anniversary of German Geophysical Society \(DGG\)](#)
- 20-21, IUGG, Berlin, Germany, IUGG Bureau Meeting
- 25-29, IUGG, IAMAS, SCOR, WCRP, Cape Town, South Africa, [SOLAS Open Science Conference 2022](#)
- 26-30, IUGG, IAGA, L'Aquila, Italy, [International School of Space Science – Course on Radiation belt dynamics and remote sensing of the Earth's plasmasphere](#)

October

- 3-5, IASPEI, IUGG, Quito, Ecuador, [4th Regional Assembly of the Latin American and Caribbean Seismological Commission \(LACSC-2022\)](#)
- 3-7, SCOR, Busan, Rep. of Korea, [2022 SCOR Annual Meeting](#)
- 10-13, IASPEI, IUGG, Hurghada, Egypt, [14th General Assembly of the Asian Seismological Commission and 3rd General Assembly of the African Seismological Commission](#)
- 17-19, GEO, ISC, WMO, UNESCO-IOC, Darmstadt, Germany, [2nd Climate Observation Conference](#)
- 17-19, IACS, IAPSO, [Online workshop on ice-ocean interaction](#)
- 17-20, IAG, Thessaloniki, Greece, [REFAG 2022 – IAG International Symposium on Reference Frames for Applications in Geosciences](#)
- 17-21, IACS, IAPSO, Online, Workshop on ice-ocean interactions
- 17-21, IAHS, Bydgoszcz, Poland, [IAHS/ICCE International Symposium 'River sediment quality and quantity: environmental, geochemical and ecological perspectives' \(ICCE2022\)](#)
- 17-21, IAHS, Copenhagen, Denmark, [Quantitative Isotope Hydrology Course](#)
- 17-21, IASPEI, Cargèse, France, [STATSEI 12: International conference on statistical seismology](#)
- 21-23, IAG, Thessaloniki, Greece, [Unified Analysis Workshop \(UAW\) 2022](#)
- 25-29, IAG, IASPEI, Marrakech, Morocco, [20th Assembly of Wegener](#)

November

- 1-4, ISPRS, Beijing, China, [ISPRS Workshop Geo-Informatics Supported Disaster Risk Reduction and Smarter Urban Management](#)
- 7-9, IAG, Santiago de Chile, Chile, [SIRGAS Symposium 2022](#)
- 7-9, IAG, Kunming, China, [22nd International Workshop on Laser Ranging](#)
- 14-16, IAG, Munich, Germany, [GGOS Days 2022](#)
- 27-2 December, IAGA, São José dos Campos, Brazil, [XIII Latin American Conference on Space Geophysics \(COLAGE\)](#)

IAVCEI Scientific Assembly 2023

- 30 January-3 February 2023, IAVCEI, Rotorua, New Zealand, [IAVCEI Scientific Assembly](#)

IUGG General Assembly 2023

- 11-20 July 2023, IUGG, Berlin, Germany, [IUGG General Assembly 2023](#)

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