



INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS UNION GEODESIQUE ET GEOPHYSIQUE INTERNATIONALE

The IUGG Electronic Journal

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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 – The People at the Forefront (LI): Mathieu Dumberry, Chair of the Union Commission on the Study of Earth's Deep Interior (SEDI), 2023-2027



Mathieu Dumberry

Planets were never something I remember being fascinated with as a kid. I liked planets and space, like most kids do, but more as a setting for science fiction stories and my own imagination. Likewise, I do not recall being animated with questions about the interior of the Earth or global-scale phenomena. I liked geography and maps (I still do!), but I never had a deep inner feeling that my destiny was in global planetary research.

Yet, here I am now, doing research on the deep interior of planets and moons. I am particularly interested in flows and dynamics in the cores of planets, and how these flows interact with their mantle envelopes and solid inner cores. For Earth, this interaction depends in part on the structures and material properties of the deep mantle. So, this question can only be fully addressed with the help of seismology, mineral physics, and mantle dynamics. In a nutshell, this is the multidisciplinary spirit of SEDI: to attack questions about the deep Earth from a collection of angles. And this is why I feel this strong connection with SEDI.

I grew up in the Montréal area in Canada and did my undergraduate degree in physics at Université de Sherbrooke. I liked physics because of the way it provides a framework to understand the visible world. But the more I advanced in my degree, and the more the focus shifted toward particle and quantum physics, the less clear this connection became. I knew I wanted to go on to graduate school, but I also knew that ‘modern’ physics was not for me. So, pretty much on a whim, I applied to the geophysics program at the University of British Columbia. I had little idea of what geophysics really was, but it seemed more aligned with the reasons I enjoyed physics. And Vancouver seemed like a pretty cool place to live.

Remarkably, I got in. This is where I had the incredible fortune of meeting Bruce Buffett, who became my MSc advisor. Back then, graduate students were admitted without being tied to a supervisor; students met the profs, profs courted students, and eventually a match was found. On that first meeting with Bruce, he talked about maybe 10 different possible research projects. I did not understand any of them, and I really had no idea what he was talking about. Flows in Earth’s fluid core? Is that a research topic? But I kept nodding. And smiling. Because he made all these projects sound so exciting and important. I knew right away that I wanted to work with him. And this is really where my path toward global planetary-scale physics started.

It is during my years as a PhD student in the EPS department at Harvard University that I started to think about my own research questions and develop my own research agenda. My advisor, Jeremy Bloxham, gave me full latitude in my projects. He was always available for discussions, and his ability to focus on the big picture was truly inspiring. But he allowed me to play around and follow my own path, which was very generous of him. The EPS department was an incredibly stimulating environment that opened my eyes to the importance of breadth in research. I then had the luck of landing a NERC postdoctoral fellowship at the University of Leeds in the UK. These were fantastic years, with a great group of other postdocs, many of whom are still colleagues and friends to this day. Eventually, I landed a faculty position in the Department of Physics at the University of Alberta in Edmonton, Canada

It was during my PhD that I went to my first SEDI meeting, in the summer of 2000 in Exeter, UK. The following summer, I attended my first joint IAGA-IASPEI meeting in Hanoi, Vietnam. These were my introductions to the IUGG. I became a bit more involved a few years later, acting as chair of Division 1, Working Group 1, of IAGA between 2014 and 2016.

But my strongest connection with IUGG is through SEDI. I enjoyed this first SEDI meeting so much that I have not missed a single one since! (Did IUGG know when they created SEDI that some people would get addicted? Does IUGG provide counselling for this?) SEDI meetings feature a unique combination of a relaxed atmosphere and sharp scientific discussions. There are always lots of students and postdocs attending, which brings a good dose of energy and fun. There is ample time for discussions and exchanging ideas. I always come out of these meetings hyper-stimulated and with (too) many project ideas.

I got involved in the SEDI leadership when I hosted the 2018 meeting in Edmonton. It was then that I was approached to become vice-chair. I benefited so much from SEDI that I felt it was time to give back. So, I accepted and have never regretted it. Working with other SEDI leaders — Mike Bergman, Jonathan Aurnou, Christine Thomas, and Lauren Waszek — has been nothing but pure joy, with everyone pulling in the same direction for the benefit of the community. And the support of IUGG has always been tremendous.

Since the start of my tenure as SEDI chair in 2023, my primary goal has been to ensure that the culture of multidisciplinary scientific collaboration at the heart of SEDI is maintained. Also, that the meetings keep the same fantastic atmosphere of collegiality. SEDI has always had a focus on promoting the work of early career scientists through prizes and research talks at meetings. This is something that I also wanted to preserve. My time as chair is coming to an end, with the next big event being the SEDI meeting this coming summer in Townsville, Australia. But I will find a way to remain involved. I am not ready yet to cure my SEDI addiction!

2. IUGG – Bureau and Finance Committee Members (2027-2031): Call for Nominations

The IUGG Council, at its final meeting during the IUGG General Assembly 2027 ([IUGG2027](#)) in Incheon, Rep. of Korea, will elect the IUGG [Bureau](#) and [Finance Committee](#) Members for the coming quadrennium (2027-2031). These include the President-Elect, Secretary General, Treasurer, three Members of the Bureau, and three Members of the Finance Committee.

The IUGG President Chris Rizos appointed the [Nominating Committee](#): Michael Sideris (Canada; Chair), Sergio Barrientos (Chile), Monika Korte (Germany), and Marilyn Raphael (USA).

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. 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 or 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 **15 October 2026**. The nominations should be submitted by email to the [IUGG Executive Secretary](#) Franz Kuglitsch. The Nominating Committee will then prepare a document presenting one or two names for each position, and 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 **15 November 2026**. The second deadline is **15 April 2027**. 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 **15 May 2027**. The By-Laws permit re-nominations following the closure of the first Council Meeting at the General Assembly.

The IUGG strongly encourages nominations that reflect the full diversity of our scientific community, including individuals of all genders, ethnicities, institutions, and backgrounds.

The **Guidelines for Nominations** can be found [here](#).

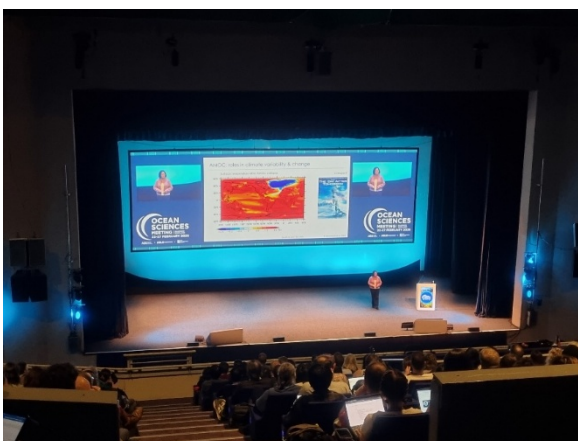
The **Nomination Form** can be found [here](#).

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

3. IUGG – At the AGU Ocean Sciences Meeting 2026

For the first time, the Ocean Science Meeting – a joint conference organised by the American Geophysical Union (AGU), the Association for the Science of Limnology and Oceanography (ASLO) and The Ocean Society (TOS) – took place outside of North America. The Scottish Event Campus (SEC) in Glasgow hosted the event from 22 to 27 February 2026, attracting 6,500 participants.

In addition to the regular conference programme featuring plenary and technical presentations, poster sessions, workshops and meetings, an impressive number of over 100 exhibitors ensured a lively atmosphere. The IUGG was represented by its Secretary General.



Alexander Rudloff (IUGG) with Mark Shimamoto (AGU; top left) at the AGU Ocean Sciences Meeting 2026

4. IUGG – Meet us at the EGU General Assembly 2026



Learn more about IUGG and our coming General Assembly 2027, by visiting us at the IUGG exhibition booth (#X217, Exhibition Hall X2) at the 2026 General Assembly of the European Geosciences Union ([EGU2026](#)), which will be held in Vienna, Austria, 3 to 8 May 2026.

The IUGG also invites Union and Association Officers as well as representatives of National Committees to a 'Meet & Greet', which will take place as a splinter meeting (SPM87) on Thursday, 7 May 2026, from 14:00 to 15:45 in Room 2.83.

5. IUGG – Symposia of the Union Commissions 2026

In 2026, four of our Union Commissions and the Electromagnetic Studies of Earthquakes and Volcanoes ([EMSEV](#); a joint IAGA-IASPEI-IAVCEI activity) will organise the following symposia in chronological order:



Union Commission on the Study of Earth's Deep Interior ([SEDI](#))
[Townsville, Australia](#)
[29 June – 3 July 2026](#)



Union Commission on Mathematical Geophysics ([CMG](#)) in collaboration with the Annual Conference of the Int. Association for Mathematical Geosciences ([IAMG](#))
[Montreal, Canada](#)
[23-28 August 2026](#)



Electromagnetic Studies of Earthquakes and Volcanoes ([EMSEV](#); a joint IAGA-IASPEI-IAVCEI activity)
[Kumamoto, Japan](#)
[24-28 August 2026](#)



Union Commissions on Climatic and Environmental Change ([CCEC](#))
[Budapest, Hungary](#)
[18 September 2026](#)

Organized by the IUGG Union Commission on Climatic and Environmental Change (CCEC) (Budapest, 18 September 2026) Program | Venue | Registration | Conveners | Contact

Welcome to the webpage of the CCEC Symposium on European and Global Wildfires: The GeoSciences Perspective from Cause to Impact!



Union Commission on Planetary Sciences ([UCPS](#))
[Wuhan, China](#)
[21-23 September 2026](#)

6. Awards and Honours

International Association of Hydrological Sciences (IAHS)

Rafael Bras (USA; Dooge medal) and **Maria Cristina Rulli** (Italy; Volker medal) were awarded the 2026 IAHS-UNESCO-WMO International Hydrology Prize.

Union Commission on Mathematical Geophysics (CMG)

Ebru Bozdağ (USA) was awarded the 2026 Vladimir Keilis-Borok Medal of the IUGG Union Commission on Mathematical Geophysics *in recognition for her outstanding contribution to computational seismology and development of cutting-edge methodologies in adjoint tomography, optimal misfit functions, and data compression to advance fundamental knowledge of the Earth's interior*. The Medal will be presented during the joint [IAMG-CMG event](#) in Montreal, Canada, 23-28 August 2026.

German Geophysical Society (DGG)

Johannes Schweitzer (Norway), IASPEI Secretary General (2019-2027), was awarded the Emil-Wiechert-Medal *for his outstanding work in the field of geophysics*.

Indian Institute of Technology (Indian School of Mines), Dhanbad

Harsh K. Gupta (India), IUGG President (2011-2015), was awarded the 2026 Special Centenary Award *in recognition for his outstanding contributions to geophysics and natural disaster management in India and globally*. A video of the award ceremony is available [here](#).

Congratulations!

7. Obituaries

With great sadness IUGG reports the death of:

Gerry Jones (Canada), President of the International Commission on Snow and Ice (ICSI; 2001-2005) and co-initiator of the International Association of Cryospheric Sciences (IACS). The obituary can be found [here](#).

Michael William McElhinny (Australia), creator of the IAGA sponsored Global Paleomagnetic Database ([GPMDB](#)). The obituary can be found [here](#).

8. Important Deadlines

31 August 2026: [Submit Nominations for IUGG Awards 2027](#)

15 October 2026: [Submit Nominations for IUGG Bureau and Finance Committee Members \(2027-2031\)](#)

15 January 2027: [Submit Invitations to Host the IUGG General Assembly in 2031](#)

31 March 2027: [Submit Draft Resolutions for the IUGG General Assembly 2027](#)

9. Meeting Calendar

This calendar includes meetings which are planned to be organised under the umbrella of IUGG, and major conferences of IUGG's partner organisations (in *italics*). The calendar is updated regularly and is also available [online](#). If you would like to add a meeting, or report changes, please contact the [IUGG Secretariat](#).

April

- 7-9, IAG, Riyadh, Saudi Arabia, [PhHS-IHRF2026 – Int. Symposium on Physical Height Systems and the IHRF](#)
- 12-17, IAG, Garmisch-Partenkirchen, Germany, [14th General Meeting of the International VLBI Service for Geodesy and Astrometry](#)
- 20-23, IAMAS, IUGG, Addis Ababa, Ethiopia, [Conference of the African Meteorological Society](#)
- 25-30, IASPEI, IUGG, Tashkent, Uzbekistan, [16th General Assembly of Asian Seismological Commission](#)
- 28-30, IAG, Vienna, Austria, [ENC2026 European Navigation Conference](#)
- 28 – 1 May, IAMAS, Wolkersdorf, Austria, [Diabatics 2026 Workshop](#)

May

- 3-8, EGU, Vienna, Austria, [EGU General Assembly 2026](#)
- 9-16, IASPEI, IAVCEI, IAPSO, IUGG, Izmir, Türkiye, [IHFC Heat Flow Summer School 2026](#)
- 18-22, IAGA, IUGG, Beijing, China, [13th International Workshop on Long-Term Changes and Trends in the Atmosphere](#)
- 18-22, IAGA, IUGG, L'Aquila, Italy, [The Heliospheric Space Plasma Physics in the Era of Multipoint Space Missions](#)
- 18-29, IACS, Karthaus, Italy, [Summer School on Ice Sheets and Glaciers in the Climate System](#)
- 24-29, JpGU, AGU, Chiba, Japan, [JpGU-AGU Joint Meeting 2026](#)
- 25-29, ILP, Liblice, Czech Republic, [6th International Workshop 'Seismic Anisotropy, Heterogeneity and Dynamics of the Lithosphere-Asthenosphere System \(ADLAS\)'](#)
- 26-28, GEO, Geneva, Switzerland, [2026 GEO Symposium and GEO-21 Plenary](#)
- 26-29, IAVCEI, Sopron, Hungary, [IAVCEI Volcandpark 2026 Conference](#)

June

- 1-5, IAG, Santiago de Chile, Chile, [IGS Workshop 2026](#)
- 1-5, SCOSTEP, Thessaloniki, Greece, [16th Quadrennial Solar-Terrestrial Physics Symposium](#)
- 3-5, IAG, GFZ, Potsdam, Germany, [EU-wide Community Workshop on Quantum Gravimetry](#)
- 8-18, IACS, IUGG, McCarthy AK, USA, [International Summer School in Glaciology 2026](#)

- 9-12, IAGA, IAMAS, Åland/Ahvenanmaa, Finland, [Space Climate 10 Symposium](#)
- 10-15, IAGA, IUGG, Taoyuan City, Rep. of China, [10th IAGA/ICMA/SCOSTEP Workshop on Vertical Coupling in the Atmosphere-Ionosphere System](#)
- 15-19, IAVCEI, Vulcano, Italy, [Vulcano Summer School](#)
- 16-18, IAMAS, Charleston SC, USA, [21st Workshop on Antarctic Meteorology and Climate](#)
- 23-25, IAG, Paris, France, [EUREF Symposium 2026](#)
- 23-25, IAG, Wiesbaden, Germany, [IDS Workshop 2026](#)
- 29 – 3 July, SEDI, Townsville, Australia, [SEDI 2026](#)
- 29 – 3 July, IAG, IUGG, Douala, Cameroon, [Geodesy for a Resilient Africa: Empowering Solutions for Floods, Droughts, Sea-Level Rise, Water Scarcity, and Fisheries Sustainability](#)
- 29 – 10 July, ICTP, IUGG, Trieste, Italy, [7th Summer School on Theory, Mechanisms and Hierarchical Modelling of Climate Dynamics - Estimating Ocean Transports: Single Sections, Box Models and Reanalysis Products](#)

July

- 1-3, IAG, Zagreb, Croatia, [International Conference of Environmental Remote Sensing and GIS \(ICERS 2026\)](#)
- 4-11, ISPRS, Toronto, Canada, [15th ISPRS Congress](#)
- 6-11, IAHS, Rabat, Morocco, [5th International Conference on African Rivers](#)
- 7-9, IAVCEI, Catania, Italy, [7th Alfred Rittmann Conference](#)
- 7-10, IAMAS, IAVCEI, IUGG, Geneva, Switzerland, [ITU Global Initiative on Resilience to Natural Hazards Through AI Solutions](#)
- 13-14, IAHS, IUGG, Victoria Falls, Zimbabwe, [ICSH-STAHY / ICGW Workshop 2026](#)
- 13-17, IAMAS, Barcelona, Spain, [18th International Conference on Atmospheric Electricity](#)
- 20-24, IAMAS, Kenya, Nairobi, Kenya, [Precipitation & Urban Extreme Weather Workshop: The African Continent](#)

August

- 1-9, COSPAR, IUGG, Florence, Italy, [46th COSPAR Scientific Assembly](#)
- 2-7, AOGS, Fukuoka, Japan, [AOGS Annual Meeting 2026](#)
- 2-8, IAGA, IUGG, St. John's, Newfoundland, Canada, [27th Electromagnetic Induction Workshop](#)
- 3-7, IAMAS, IUGG, Madison WI, USA, [7th Conference on Cloud Physics \(CCP\)/The 17th Conference on Atmospheric Radiation \(CAR\)](#)
- 3-7, IASPEI, IUGG, Mexico City, Mexico, [Latin American and Caribbean Seismological Commission Assembly](#)
- 3-7, IAVCEI, IUGG, Nyeri, Kenya, [LIP-IDC 2026 International Conference on Large Igneous Provinces and Their Dyke Swarms](#)
- 8-19, SCAR, Oslo, Norway, [12th SCAR Open Science Conference](#)
- 15-22, URSI, Krakow, Poland, [36th URSI General Assembly and Scientific Symposium 2026](#)
- 21-25, IAVCEI, Eastern Bushveld Complex, South Africa, [Bushveld Complex: The Largest Fossilized Magma Chamber in the Earth Crust?](#)
- 23-28, IAMG, CMG, Montreal, Canada, [Annual Meeting of the International Association for Mathematical Geosciences](#)
- 24-28, IAGA, IASPEI, IAVCEI, Kumamoto, Japan, [EMSEV2026](#)

September

- 6-11, IASPEI, IUGG, Istanbul, Türkiye, [40th General Assembly of the European Seismological Commission](#)
- 7-11, IAG, Genoa, Italy, [XI Hotine-Marussi Symposium](#)
- 7-11, IAMAS, Heraklion, Greece, CACGP-IGAC 2026 conference
- 8-10, SCOR, Helsinki, Finland, [2026 SCOR Annual Meeting](#)
- 9-13, IAHS, IUGG, Canberra, Australia, [10th International Symposium on Water Resources Management – IWRM](#)
- 13-19, IAVCEI, IUGG, Mount Rainier WA, USA, [Field Workshop on Volcano-Ice Interactions and Associated Hazards at Mount Rainier, Washington](#)
- 14-16, IAG, Hailsham, UK, [ITGRF Workshop 2026](#)
- 14-18, IAG, Manchester, UK, [17th European VLBI Network Symposium](#)
- 14-18, IUGG BRAZIL, INPE, São José dos Campos, São Paulo, Brazil, [4th International Workshop on Equatorial Plasma Bubbles \(EPB-4\)](#)
- 15-16, IAG, Vienna, Austria, [VieVS Days 2026](#)
- 17-19, IAHS, Como, Italy, [International Commission on Continental Erosion \(ICCE\) Meeting](#)
- 18, CCEC, Budapest, Hungary, [CCEC Symposium 2026. European and Global Wildfires: The GeoSciences Perspective from Cause to Impact](#)
- 20-26, IAVCEI, IUGG, Los Alamos NM, USA, [9th IAVCEI Caldera Collapse Commission Field Workshop](#)
- 21-23, UCPS, Wuhan, China, [2nd IUGG Symposium on Planetary Science \(IUGG-PS 2026\): New Observations and Advances in Solar System](#)
- 28 – 1 October, IAG, IACS, IASPEI, IAVCEI, Gävle, Sweden, [TIGER Symposium in Geodesy](#)

October

- 1-7, IAG, Gävle, Sweden, [GGOS Days 2026 + GGOS Topical Meeting on Geohazards](#)
- 5-9, IAPSO, IUGG, Klaipeda, Lithuania, [4rd World Conference on Meteotsunamis](#)
- 11-16, IACS, IUGG, Banff AB, Canada, [International Partnership in Ice Core Science \(IPICS\) Open Science Conference 2026](#)
- 12-16, IAMAS, IUGG, Pune, India, Atmospheric Processes and Their Role in Climate (APARC) General Assembly
- 12-18, IAG, IUGG, New Delhi, India, [Gravity, Geoid and Height Systems Symposium 2026](#)
- 13-15, IAG, IASPEI, Tirana, Albania, [21st WEGENER Assembly](#)
- 19-21, IASPEI, Grenoble, France, [7th IASPEI / IAEE International Symposium on the Effect of Surface Geology on Seismic Motion \(ESG\)](#)
- 19-23, IAMAS, Porto, Portugal, [6th International Atmospheric Rivers Conference](#)
- 19-23, IAVCEI, IUGG, Santorini, Greece, [2nd Submarine Volcanism Workshop](#)
- 19-23, IAVCEI, IUGG, San Carlos de Bariloche, Patagonia, Argentina, [Field Trip Workshop ‘The Record of Normal and Unusual Volcanic-arc Activity at the Foot of the Andes, Patagonia, Argentina: How does Volcanism Affect the Sediment Routing Systems?’](#)
- 25-30, IAGA, Ishioka City, Japan, [XXIst IAGA Workshop on Geomagnetic Observatory Instruments, Data Acquisition, and Processing](#)
- 26-30, ICTP, IUGG, Trieste, Italy, [2nd Workshop on Organisation and Maintenance of Tropical Convection and the Madden Julian Oscillation](#)
- 27-29, IAVCEI, IUGG, Naples and INGV Osservatorio Vesuviano, Italy, Enduring the Unrest, Facing the Eruption – Cities and Volcanoes 2026: Global Volcano Communities

November

- 2-5, IAVCEI, IUGG, Nevados de Chillan, Chile, [2nd International Conference of the IAVCEI Commission on Volcanic & Igneous Plumbing Systems \(VIPS\)](#)
- 3-6, IAG, IUGG, Montevideo, Uruguay, [SIRGAS Symposium 2026](#)
- 12 – 1 December, IACS, Bernal Glacier, Chile, [Patagonian Icefields Research Program](#)
- 16-19, UN-GGIM, Jeddah, Saudi Arabia, [Third United Nations World Geospatial Information Congress](#)
- 23-27, ICL, IUGG, IUGS, ISC, Faridabad, India, [7th World Landslide Forum](#)
- 30 – 3 December, IASPEI, IUGG, Ile-Ife, Nigeria, [5th General Assembly of the African Seismological Commission](#)

December

- 7-11, AGU, San Francisco CA, USA, [AGU Fall Meeting 2026](#)

Next IUGG General Assembly 2027



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Editors: Franz Kuglitsch, Mioara Manda, Alexander Rudloff (Editor-in-Chief), and Kathy Whaler.