



# 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 – Business Meetings 2025 and General Assembly 2027

The meetings of the IUGG Bureau, Executive Committee (EC), and Finance Committee (FC), were held at Songdo Convensia, Incheon, Rep. of Korea, from 14 to 18 July 2025. The IUGG Bureau Members, the Chair of the IUGG Finance Committee, and the Association Presidents reported on the activities since the last EC meeting (Berlin, Germany, July 2023) and planned future activities. The Chairs of the IUGG Local Organising Committee (LOC; Sang-Mook Lee) and the Scientific Programme Committee (SPC; Kang-Kun Lee) reported on the preparations for IUGG2027, which will be held at Songdo Convensia, Incheon, from 16 to 22 July 2027.



*Participants of the IUGG Executive Committee Meeting of IUGG, Incheon, Rep. of Korea*

Moreover, meetings with representatives of the National Geographic Information Institute (NGII; Adhering Body of the Rep. of Korea to IUGG), representatives of the Korean National Committee, and representatives of the city of Incheon were held. The IUGG President and President-Elect were interviewed by the Korean media.

On 17 July 2025, all participants of the IUGG Business Meetings 2025 were invited to join a tour of Songdo Convensia. [MW Networks](#) and [C-IN](#) were hired as professional conference organisers of IUGG2027.

On 18 July 2025, the SPC Members met for their first meeting. The preliminary draft of the scientific programme was discussed.



## 2. IUGG – New Members on the Executive Committee



*Mathieu Morlighem,  
IACS President (2025-2029)*



*Salvatore Grimaldi,  
IAHS President (2025-2029)*

The IUGG welcomes the new President of the International Association of Cryospheric Sciences (IACS; 2025-2029), Mathieu Morlighem, and the new President of the International Association of Hydrological Sciences (IAHS; 2025-2029), Salvatore Grimaldi (Italy), to the IUGG Executive Committee.

IUGG thanks the outgoing Presidents Liss Andreassen (IACS; 2021-2025; Norway) and Berit Arheimer (IAHS; 2021-2025; Sweden) for their long-standing support.

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## 3. IUGG – At the IAVCEI Scientific Assembly 2025

At the end of June, the International Association for Volcanism and Chemistry of the Earth's Interior ([IAVCEI](#)) opened the 2025 series of scientific assemblies of the IUGG Associations (see also item #12). From 30 June to 4 July 2025, the University of Geneva, Switzerland, hosted nearly 1,100 delegates from 62 countries, of which 52% are Early Career Scientists (ECSs). The conference, co-organised by 4 countries (Switzerland, France, Germany, and Italy), was opened by Luca Caricchi (University of Geneva) and Olivier Bachmann (ETH Zurich), chair and vice-chair of the organising committee, respectively. In the spirit of the International Geneva, the ceremony saw the participation of (in chronological order)

- Nathalie Fontanet (State secretary in charge of finances of the State Geneva),
- Sébastien Castelltort (Vice-rector research and sustainability of the University of Geneva),
- Alexander Rudloff (IUGG Secretary General),
- Nathalie Bernasconi-Osterwalder (International Institute for Sustainable Development),
- Kamal Kishore (United Nations Office for Disaster Risk Reduction),
- Xavier Castellanos (International Federation of Red Cross and Red Crescent Societies),
- and
- Costanza Bonadonna (IAVCEI President and dean of the faculty of Science of the University of Geneva).

The IUGG Secretary General also participated in the IAVCEI Executive Committee meeting and a meeting with the national delegates. On several further occasions, the IUGG Secretary General had lively exchange and collaborative meetings with members of the IAVCEI Executive Committee (in particular President Costanza Bonadonna and Secretary General Ulrich Küppers) as well as Luca Caricchi from the Local Organising Committee.



*Opening Ceremony, IAVCEI Scientific Assembly 2025*



*Geneva Jet d'Eau coloured in red on occasion of the IAVCEI Scientific Assembly 2025*

The scientific programme included:

- Three fieldtrips to (i) Massif Central (France), (ii) Eifel volcanic field (Germany), as well as (iii) Mt. Etna and Eolian Islands (Italy) prior to the conference,
- An intense week of science with 2 daily keynote presentations (each by an ECR and a senior member of IAVCEI, respectively),
- a mid conference visit to CERN,
- a well-attended IAVCEI Meeting of Members including the Award Ceremony, as well as
- 15 workshops before, during and after the conference.

The Local Organising Committee also organised a week long session on outreach (open to everyone interested) as well as an exposition dedicated to the study of volcanoes ('Le feu de la Terre, une aventure humaine') that will remain open until 28 September 2025. In the week following the IAVCEI Scientific Assembly, the 'Early Warning For All' workshop was hosted at the World Meteorological Organisation (WMO) in Geneva and rounded up a fantastic week of science with excellent spirit and the feeling of contributing to the advancement of science and the building of a great community.

Ulrich Küppers, IAVCEI Secretary General

#### **4. IUGG – Early Career Scientist (ECS) Committee established**

On 2 July 2025, the ECS Committee of the IUGG commenced its work. In a one-hour Zoom meeting, in which all associations were represented by nominated representatives, the chairperson and her deputy were elected unanimously (see below). The next steps will be to draw up terms of reference and an action plan. The latter will focus in particular on the preparations, contribution and involvement of ECSs at IUGG2027.



*Participants of the 1<sup>st</sup> regular meeting of the ECS Committee of IUGG*



The membership of the ECS Committee for 2025-2027 is the following:

Chair:	María del Puy Papí Isaba (IASPEI), AUSTRIA
Vice-Chair:	Dominika Niezabitowska (IAGA), SWEDEN
Members:	Ji-Woong Yang (IACS), FRANCE
	Athina Peidou (IAG), U.S.A.
	Moctar Démbéle (IAHS), GHANA
	Jing Li (IAMAS), CHINA
	Malin Ödalen (IAPSO), GERMANY
	Joali Paredes Marino (IAVCEI), NEW ZEALAND
	Alexander Rudloff, ex-officio (IUGG), GERMANY
Guests:	Veronica Tollenaar (IACS), BELGIUM
	Julia Azumi Koch (IAG), SWITZERLAND
	Katia Pinhero (ECS-Net), FRANCE

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## 5. IUGG – Meeting Support 2026: Call for Proposals (Reminder)

The program of IUGG support for scientific meetings (e.g., workshops, advanced schools, symposia) is one of the most important means by which the Union and its Associations pursue the goal of promoting geophysics and geodesy through international collaboration. A portion of the IUGG's budget is devoted to the support of these scientific meetings. The IUGG Executive Committee places great emphasis on maintaining high scientific standards, coverage of a balanced spectrum of topics, and an appropriately broad and international flavour for the scientific programs of the meetings. In that respect, the ISC rules on non-discrimination in their access by qualified scientists from all parts of the world to any IUGG-sponsored meeting apply. The number of co-sponsored meetings ranges from 10 to 15 (up to USD 10,000 support for each). Accordingly, not all meeting proposals worthy of support can be awarded IUGG sponsorship. IUGG funds are provided to support participation of students, ECSs, female scientists, and in general scientists from low and middle-income countries (as defined by the OECD).

The following guidelines for obtaining IUGG sponsorship should be observed by proposers:

- IUGG-sponsored scientific meetings should have a well-defined and scientifically relevant theme, should be scheduled at a propitious time for significant progress in the field, and should be of interest to ECSs as well as senior experts.
- While the IUGG embraces all fields in geophysics and geodesy, a proposed program should maintain a balanced scope relevant to IUGG Associations. Each proposal will be judged on its own scientific merits.
- Given the international nature of the Union, meetings are by definition internationally oriented. This requires a well-balanced geographical distribution of attendees as well as meeting venues.
- Financial support from other sources is encouraged, and well regarded.

Typically, the initiative to propose a scientific meeting for IUGG sponsorship originates from a group of scientists in a certain field. Prospective meeting organisers should contact the respective Association Secretary General (ASG) well in advance of their intended proposal submission, by sending a request for IUGG support until **15 September 2025**.

The scientific merit of each scientific meeting's proposal will be evaluated by the respective ASG, taking into consideration comments and advice received from the Association Executive Committee. The ASGs should communicate their recommendations for selection to the IUGG Secretary General before **30 September 2025**.

The allocations will be proposed by the IUGG Secretary General and reviewed by the Members of the IUGG Bureau. The Bureau will decide on the final selection of meetings, and the level of funding, to be supported. The decision on IUGG support will be communicated to the ASGs by the IUGG Secretary General in a letter of award as soon as possible, but not later than **1 November 2025**. The IUGG support should be acknowledged in all documents and information related to a sponsored meeting (e.g., in the scientific program, on the website, brochures, publications of proceedings, etc.).

More information is available [here](#).

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## 6. IUGG – Supported Meetings: Reports

### *4th General Assembly of the African Seismological Commission*

The 4th General Assembly of the African Seismological Commission (AfSC) took place from 24 to 28 February 2025, at the Avani Hotel in Windhoek, Namibia. The event was hosted by the Geological Survey of Namibia under the Ministry of Mines and Energy. The Assembly had a total of 54 participants with 11 of them attending online from all around Africa. The event included presentations delivered by participants outside the African region. The Assembly saw a total number of 60 oral presentations, with more than 50 being African presenters. The opening ceremony was presided over by the President of the IASPEI, Michelle Grobbelaar, with opening remarks given by the Executive Director in the Ministry of Mines and Energy, Mr. Penda Ithindi. The General Assembly lasted 5 days, including 3 days of scientific presentations and two days of technical training offered by the Comprehensive Nuclear-Test-Ban Treaty Organisation (CTBTO) and Kinemetrics. The plenary scientific session was initiated by three plenary keynotes given by Dr. Robert Floyd, CTBTO Secretary General, Prof. Dr. Atalay Ayele, University of Addis Ababa, and Dr. Cansun Guralp, from GaiaCode. The organising and scientific committees were able to prepare a rich scientific program with 34 oral presentations.



*Participants of the 4th General Assembly of the African Seismological Commission*

The AfSC business meeting, organised by the Executive Committee, took place on 23 February as a late afternoon session. Reports on past activities and from the five working groups (Observational Seismology, Earth Structure, Active Fault and Seismotectonics, Seismic Hazard and Risk, Earthquake Scientific Response) were presented. Among the discussion was the election of the new Executive Committee where the nominees were introduced by Michelle Grobbelaar. Details about the AfSC can be found at [www.afsc-web.org.za](http://www.afsc-web.org.za). The scientific sessions ended with a general discussion session and recommendations for the future of the AfSC, as well as the conditions for the launch of an Earthquake Database for Africa. The IASPEI early career award was made to Ms. Sophy Kipkwony from Kenya (consisting of a grant for the attendance to the forthcoming IAGA/IASPEI Scientific Assembly in Lisbon in September 2025), for her outstanding presentation. The final session was the occasion to give warm thanks and congratulations to the LOC and to its chairperson, Bufelo Lushetile. The LOC and all participants were thankful to all the generous sponsors that contributed to the success of the 4th General Assembly of AfSC.

Brassnavy Manzunzu, AfSC Secretary General

***QBOi-SNAP-QUOCA Workshop. Improved Simulations of the Stratosphere for Better Predictions of Weather, Climate and Extreme Events***

Dates: 24 - 28 March 2025

Scientific Organising Committee: Alison Ming, Neal Butchart, Sco Osprey, James Anstey, Chaim Garfinkel, Clara Orbe, Amy Butler, Peter Hitchcock, and Yoshio Kawatani

Local Organising Committee: Alison Ming, Charles Powell, Peter Haynes, Kasturi Shah

Host Institution: Isaac Newton Institute for Mathematical Sciences, University of Cambridge, UK

Number of Participants: 105 (from 18 countries)

Contact: [adk33@cam.ac.uk](mailto:adk33@cam.ac.uk)

Conference Website: <https://sites.google.com/view/qsq-workshop-mar-2025/home>

This was the first joint workshop between the Quasi-Biennial Oscillation initiative (QBOi), the Stratospheric Network for the Assessment of Predictability (SNAP) and the QUasi-biennial oscillation and Ozone Chemistry interactions in the Atmosphere (QUOCA). All three activities focus on stratospheric dynamics: QBOi on improving climate model representation of the QBO and its teleconnections; SNAP on subseasonal-to-seasonal (S2S) forecast systems' ability to simulate the stratosphere and its tropospheric coupling; QUOCA on ozone feedbacks on the QBO. The workshop aimed to improve understanding of stratospheric processes, variability, uncertainties, and influence on surface climate and predictability.

There was a diversity of scientists participating in the workshop: around a third were women and over half were early career scientists. There were 105 people from 74 institutes across 18 countries, with most from the U.S.A. (26%), U.K. (19%) and China (14%). Almost 80% attended in person, with a number of colleagues participating in online mode. There were 54 posters and 55 talks, including 5 invited speakers, on four key topics described in the following sections. The programme also

included QBOi and SNAP activity reporting, the in-person QUOCA kick-off, breakouts and plenary sessions to facilitate community input into activity planning and to identify potential opportunities for cross-activity collaborations, as well as various social activities.

The first session was on stratosphere-troposphere coupling in the tropics. This session highlighted challenges in representing stratosphere-troposphere interactions in climate models, focusing on connections between the QBO, the Madden-Julian Oscillation (MJO), and the El Niño Southern Oscillation (ENSO). Session 2 was on extratropical stratosphere-troposphere coupling and surface prediction, which emphasised how improved stratospheric modelling can enhance weather and climate predictability - though biases remain. Session 3 covered composition and dynamics coupling. This session explored how stratospheric dynamics and composition influence each other. Ozone-climate feedbacks emerged as a crucial driver of stratospheric temperature trends. The last session was on the QBO, gravity waves, and their representation in models.

In a post-workshop survey, respondents typically found the workshop highly valuable (~70%); over half found the breakouts and plenary discussions very valuable, with many enjoying this explicit time for discussion. In the breakouts, pre-planned prompts generated engaging discussions on the current and future role of stratospheric research in climate science, identifying gaps in our current knowledge to inform further coordinated model experiments. Across most breakout discussions, the need for expanded observational datasets was evident - the current record has limited temporal and spatial coverage - but observations are necessary for constraining models and evaluating machine learning (ML) approaches. Some conversations highlighted shortcomings in model simulations, including a need for increased resolution and interactive chemistry. There was also a general agreement to improve accessibility and awareness of available data.



*Participants of the QBOi-SNAP-QUOCA Workshop*

There was significant interest in the potential of ML to enhance the representation of stratospheric dynamics, large-scale circulation, and stratosphere-troposphere coupling. Attendees were generally optimistic about the evolution and use of ML in parametrisation and improving model skill. However, there was a shared concern that increased reliance on data driven methods could come



at the cost of physical interpretability; there was support for a hybrid modelling approach that combines ML with physics-based frameworks.

We feel this first QSQ workshop was a success. We received positive comments on its size, length, the hybrid experience, networking opportunities, and discussion time. The latter two were particularly celebrated, though some hoped for an improvement in the online experience of the breakouts and posters. Some feedback asked for more introductory talks, whether for those new to the field or for an overview of what we do not know so as to focus discussions. Nevertheless, this joint meeting successfully enabled the communication of the most up-to-date science across the activities. Attendee feedback indicated several science highlights: observations; ozone; gravity wave parametrisations; SNAPSI; stratosphere-troposphere coupling and other teleconnections; and ML. Attendees tended to support continued focus on improving the ability to simulate and predict stratospheric variability, which remains essential for advancing model performance, interpreting observational trends, and understanding the long-term behaviour of the climate.

Alison Ming on behalf of the Scientific Organising Committee

### ***QuakeHack 2025***

QuakeHack 2025 – a statistical seismology hackathon for early career scientists, was an innovative, community-driven workshop held from 4 to 9 May 2025 in the picturesque village of Castasegna in Switzerland. Supported by the Swiss Seismological Service, the Fondazione Garbald, the International Union of Geodesy and Geophysics (IUGG), and the Seismological Society of America (SSA), QuakeHack brought together early career researchers to collaboratively tackle unsolved questions in statistical seismology through an open-ended format.



*Participants of QuakeHack 2025*

QuakeHack was designed with two main goals:

- 1) to enable participants to work on high-risk, high-reward problems, and
- 2) to create a long-lasting network of collaboration among them.

A key feature of the format was that the participants themselves identified the topics they wanted to work on during the week, without any restrictions imposed by the organisers. This stands in contrast to conventional conferences and workshops, and encourages ownership and the exploration of genuinely novel ideas.

*‘The event gave me a great opportunity to step outside my usual work and see how it applies in a broader context. I also learned a lot about statistical seismology. It was a truly stimulating experience.’* – a QuakeHack Participant

19 early career scientists participated in QuakeHack 2025, three of whom received stipends for travel and/or lodging, ensuring that financial barriers did not prevent their participation. The participant group was intentionally balanced in terms of areas of expertise and interest, technical skills, geographical affiliation, gender, and career level, thereby ensuring a diverse range of perspectives and experiences. This mix contributed to a collaborative environment where learning from one another was a central part of the experience.

The only pre-work the participants were asked to do was to prepare a short presentation about QuakeHack IASPEI Newsletter - 8 - June 2025 an idea they thought was worthwhile pursuing. Starting from these inputs, four projects were defined during the group-building session on Monday morning, including exciting topics such as forecasting ground shaking directly from waveforms or creating a Kaggle competition for earthquake forecasting.

Over the course of the week, participants followed a schedule that primarily consisted of time for group work, included group review sessions and external mentor feedback, and was punctuated by social events such as a mid-week Alpine excursion and time together at the nearby restaurant. The event was held at Villa Garbald, a beautifully restored villa in the Bregaglia valley, where participants were surrounded by mountains and served gardenfresh meals. We believe that this location had an important impact on participants’ creativity and productivity.

After returning to Zurich on Friday morning, the groups presented their findings to a jury of senior scientists and an audience of members of the Swiss Seismological Service and the Institute of Geophysics at ETH Zurich. The winning team was awarded a prize, but the most important takeaway from the week was the sense of connection and shared curiosity that emerged among participants. Many made meaningful connections and learned new approaches from one another. Several groups have continued developing their projects beyond the workshop, demonstrating the lasting impact of the event. Approximately 20% of the total workshop costs were covered by the IUGG Meeting Support grant, which played a crucial role in enabling broad participation and making the event accessible.

Marta Han, Aron Mirwald, Vanille Ritz, Leila Mizrahi,  
QuakeHack organising team

### ***School on ‘Cross-scale Coupling of Heliophysics Systems’***

Organised by Consorzio Area di Ricerca in Astrogeofisica, Istituto Nazionale di Geofisica e Vulcanologia, Istituto Nazionale di Astrofisica, The Catholic University of America, Università degli Studi di Firenze, University of Athens, Università dell’Aquila, and the Dipartimento di Scienze Fisiche

e Chimiche, the school '[Cross-scale Coupling of Heliophysics Systems](#)' took place at the Congress Centre 'Luigi Zordan' of the University of L'Aquila, Italy, from 12 to 16 May 2025. It was directed by Prof. I. Daglis (University of Athens, Greece), Dr. S. Di Matteo (The Catholic University of America / NASA-GSFC, U.S.A.), and Prof. M. Romoli (Università degli Studi di Firenze, Italy). The school was further supported by the Space Weather Italian Community (SWiCo), the European Space Weather and the Space Climate Association (ESWAN), the European Space Agency (ESA), the International Union of Geodesy and Geophysics (IUGG), the International Association of Geomagnetism and Aeronomy (IAGA), the Scientific Committee on Solar-Terrestrial Physics (SCOSTEP), and the Institute for Space-Earth Environmental Research (ISEE) at the Nagoya University (Japan).

The course consisted of 10 lectures of 90-min length, 1 lecture of 60-min length, and 2 lectures of 45-min length (including questions and discussion), given by 13 leading scientists of the sector (10 from European institutions and 3 from the U.S.A.), providing a comprehensive introduction on the inter-connectivity of heliophysics systems (covering solar-heliospheric, magnetospheric, and ionospheric topics) mediated through cross-scale processes. The lectures introduced each main system (sun, solar wind, Earth's magnetosphere and ionosphere) while breaking down their properties from the macro- to kinetic-scales and the relative cross-scale coupling. More interdisciplinary lessons discussed universal phenomena in heliophysics across the various systems. As such, the School provided to the next generation of researchers a view of cutting-edge fundamental research of 'system of systems' phenomena currently at the centre of international efforts aimed at stimulating their participation in future research and community activities on the topic. Three of these lectures were complemented with hands-on activity, including the analysis of data from recently launched missions, with the direct and active involvement of the attendees. At the end of the school, a slot of one hour was dedicated to a round-table between lecturers and students on the current coordination and networking efforts among the international community to advance cutting-edge fundamental research of 'system of systems' phenomena in heliophysics. The round-table included two scene-setting talks by experts on this topic in Europe and the U.S.A. including useful resources on how to get involved in these activities.



*Attendees of the course on 'Cross-scale Coupling of Heliophysics Systems'*

The course was attended by 43 students selected based on their curriculum: 9 were from Italy, 9 from India, 4 from Finland, 3 from France, 2 from U.S.A., 2 from U.K., 2 from Greece, 2 from China, 1 from Azerbaijan, Chile, Croatia, Egypt, Kenya, Morocco, Mexico, Rep. of Korea, Spain, and Thailand. Additionally, 25 of them were PhD students, 11 were Postdoctoral researchers, 5 were Master's degree students, and 2 were Engineers. A virtual option was made available for 4 students who faced impediments to in-person participation. The course took place in a friendly atmosphere with continuous opportunities for close interactions among students and lecturers, including during social events (coffee breaks were provided by the school organisation), as well as two cultural events aimed at team-building among the participants through the discovery of the area from a social, architectural, and historical perspective. In addition, specific sessions of the school (5 sessions of 45-min) were dedicated to student presentations and networking, with 27 students who agreed to deliver a brief presentation of themselves and their interests.

The IUGG financial support was used to allow the participation of two PhD students and one early career scientist, who had provided a valid reason for requesting financial support and had an adequate academic record.

Considering the success of this first edition of the school, the co-directors, along with the organisers, are contemplating the possibility of organising a new school in a few years with updates on the topic addressed.

Dr. Simone Di Matteo (The Catholic University of America / NASA – GSFC, U.S.A.)  
Prof. Marco Romoli (Università degli Studi di Firenze, Italy)  
Prof. Ioannis Daglis (University of Athens, Greece)

## 7. IAPSO – At the 3rd United Nations Ocean Conference



The 3rd United Nations Ocean Conference ([UNOC3](#)) was held in Nice, France, in June 2025, and concluded with the adoption of the [Nice Ocean Action Plan](#). In the final political declaration, commitments were made on ghost gear (mainly plastic fishing nets left floating in the ocean), 30% marine protection by 2030, and that the

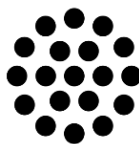
High Seas Treaty, now signed by 50 countries of the 60 needed, to be enforced. Left out were important items, such as action on harmful fishing practices, underwater noise, and the role of marine species in climate mitigation. While it was scientifically emphasised that after disturbance of the deep-sea floor it will take thousands of years for local ecosystems to fully recover, no call was made for a precautionary approach or moratorium on deep-sea mining. Nonetheless, during the conference the number of countries calling for a deep-sea mining pause or a moratorium has grown to 37.

Hans van Haren, IAPSO President



## 8. ISC – Global Survey on Participation in Scientific Organisations

The International Science Council ([ISC](#)), the [InterAcademy Partnership](#), and the Standing Committee for Gender Equality in Science ([SCGES](#)) invite all scientists engaged in scientific organisations (academies, young academies, unions, societies, research councils, associations) to take part in a global survey.



**International  
Science Council**

The survey explores how scientists participate in these organisations – including access, roles, leadership pathways, perceived benefits and barriers, organisational culture, inclusion, policies, recognition, and experiences of discrimination. The results will inform evidence-based recommendations to help make scientific communities more inclusive and equitable.

Take the survey: <https://council.science/news/global-survey-participation-scientific-organizations/>

Deadline: **5 August 2025**

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## 9. UN – Resolution on an International Day in Memory of the Victims of Earthquakes



UNITED NATIONS  
GENERAL ASSEMBLY

On 29 April 2025, on the initiative of governments of Chile, Philippines and Uzbekistan, the General Assembly of the United Nations (UN) adopted a Resolution on an International Day in Memory of the Victims of Earthquakes (<https://docs.un.org/en/A/RES/79/285>).

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## 10. Awards and Honours

### *International Association of Geomagnetism and Aeronomy (IAGA)*

**Banusha Kugabalan** (U.K.), **Paraksh M. Vankawala** (U.S.A.), **Yiming Zhang** (U.S.A.) were awarded the 2025 Early Career Scientist Presentation Awards.

**Takemi Ishihara** (Japan) was awarded the 2025 IAGA Long Service Medal.

**Keke Zhang** (China) was awarded the 2025 Shen Kuo Award for Interdisciplinary Achievements.

The IAGA Awards 2025 will be presented at the IAGA/IASPEI Joint Assembly in Lisbon, Portugal, on 3 September 2025.

***Congratulations!***

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## 11. Important IUGG Deadlines

**30 September 2025:** [Submit Applications for IUGG Meeting Support 2026](#).

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## 12. 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](#).

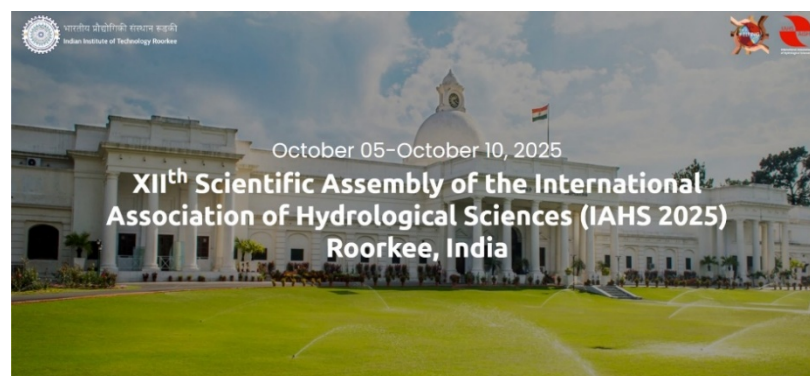
### *Upcoming Scientific Assemblies of the Associations*



[Lisbon, Portugal](#)  
[31 August-5 September 2025](#)



[Rimini, Italy](#)  
[1-5 September 2025](#)



[Roorkee, India](#)  
[5-10 October 2025](#)

## **August**

- 16-22, ICA, Vancouver BC, Canada, [32nd International Cartographic Conference](#)
- 25-29, IUGG, IAGA, IASPEI, Lisbon, Portugal, [1st IAGA/IASPEI Early Career Scientists School](#)
- 25-5 September, IUGG, ICTP, Trieste, Italy, [12th Workshop on the Theory and Use of Regional Climate Models](#)
- 26-28, IAG, Aalborg, Denmark, [Summer School on 'Satellite-based Hydrological Data Assimilation'](#)
- 31 August – 5 September, IAGA, IASPEI, Lisbon, Portugal, [IAGA-IASPEI Joint Scientific Assembly 2025](#)
- 31 August – 7 September, IAVCEI, Hokkaido, Japan, [14th Workshop of the Commission on the Chemistry of Volcanic Gases \(CCVG\)](#)

## **September**

- 1-5, IAG, Rimini, Italy, [IAG Scientific Assembly 2025](#)
- 3-5, IAG, Rimini, Italy, [GGOS Days 2025](#)
- 7-12, EPSC-DPS, Helsinki, Finland, [EPSC-DPS Joint Meeting 2025](#)
- 8-12, CTBTO, Vienna, Austria, [SnT 2025. CTBT: Science and Technology Conference](#)
- 9-11, IAVCEI, Hveragerði, Iceland, [LASI VII Conference on 'The Physical Geology of Subvolcanic Systems: Laccoliths, Sills and Dykes'](#)
- 14-18, IACS, Innsbruck, Austria, [International Mountain Conference 2025](#)
- 15-19, IAG, Dwingeloo, Netherlands, [JIVE VLBI School](#)
- 15-19, GFZ, Potsdam, Germany, [Potsdam Summer School 2025 – Trajectories and Priorities for a Sustainable Future](#)
- 16-18, IUGG, IAMAS, Paris, France, [20 years celebration of the Huygens landing and the Cassini mission's success](#)
- 23 – 1 October, IUGG, IAVCEI, Vulcano Island, Italy, [10th Training School on Convective and Volcanic Clouds \(CVC\) Detection, Monitoring and Modelling](#)

## **October**

- Tbc, IUGG, IAMAS, Dakar, Senegal, Workshop on 'Data Science for Weather and Climate Research' and Training School on 'Climate Data Analysis and AI in the Global South'
- 5-10, IAHS, Roorkee, India, [IAHS Scientific Assembly 2025](#)
- 13-16, IAG, Cairo, Egypt, [The Arab Conference on Astronomy and Geophysics \(ACAG 9\)](#)
- 13-24, IUGG, ICTP, Trieste, Italy, [Workshop on the Deformation at the Intersection Between Physics of Earthquakes and Volcanic Processes](#)
- 17-18, CODATA, Brisbane, Australia, [34th CODATA General Assembly](#)
- 19-22, GSA, San Antonio TX, USA, [GSA Connects 2025](#)
- 19-24, IAG, Arequipa, Peru, [ILRS Technical Workshop 2025](#)
- 20 – 1 November, IAVCEI, Olot, La Palma, Spain, [Curso internacional de volcanología](#)
- 22-24, IAG, Gothenburg, Sweden, [10th International VLBI Technology Workshop \(ITW\)](#)
- 26-28, IAG, Gothenburg, Sweden, [5th IVS Training School on VLBI for Geodesy and Astrometry](#)
- 27 – 1 November, IAG, IAGA, San Juan, Argentina, [XVI Escuela SIRGAS 'Procesamiento de datos VLBI y SLR'](#)
- 29-31, SCOR, Santa Marta, Colombia, [SCOR Annual Meeting 2025](#)

**November**

- 3-7, IUGG, GRC, Suva, Fiji, GeTEWS Oceania Joint Workshop
- 12-14, IUGG, Joint Tsunami Commission, Hyderabad, India, [International Tsunami Symposium](#)
- 17-21, IAHS, Astana, Kazakhstan, [International Conference on 'Sediment and Pollutants Transport in River Catchments: Radionuclides and Fingerprinting Techniques Applications for Assessment, Monitoring, and Risk Prevention'](#)

**December**

- 1-5, IUGG, IAPSO, Puerto Madryn, Argentina, [20th Oceanography Colloquium and 12th National Marine Sciences Conference](#)
  - 15-19, AGU, New Orleans LA, USA, [AGU Fall Meeting 2025](#)
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