



**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. Season's Greetings



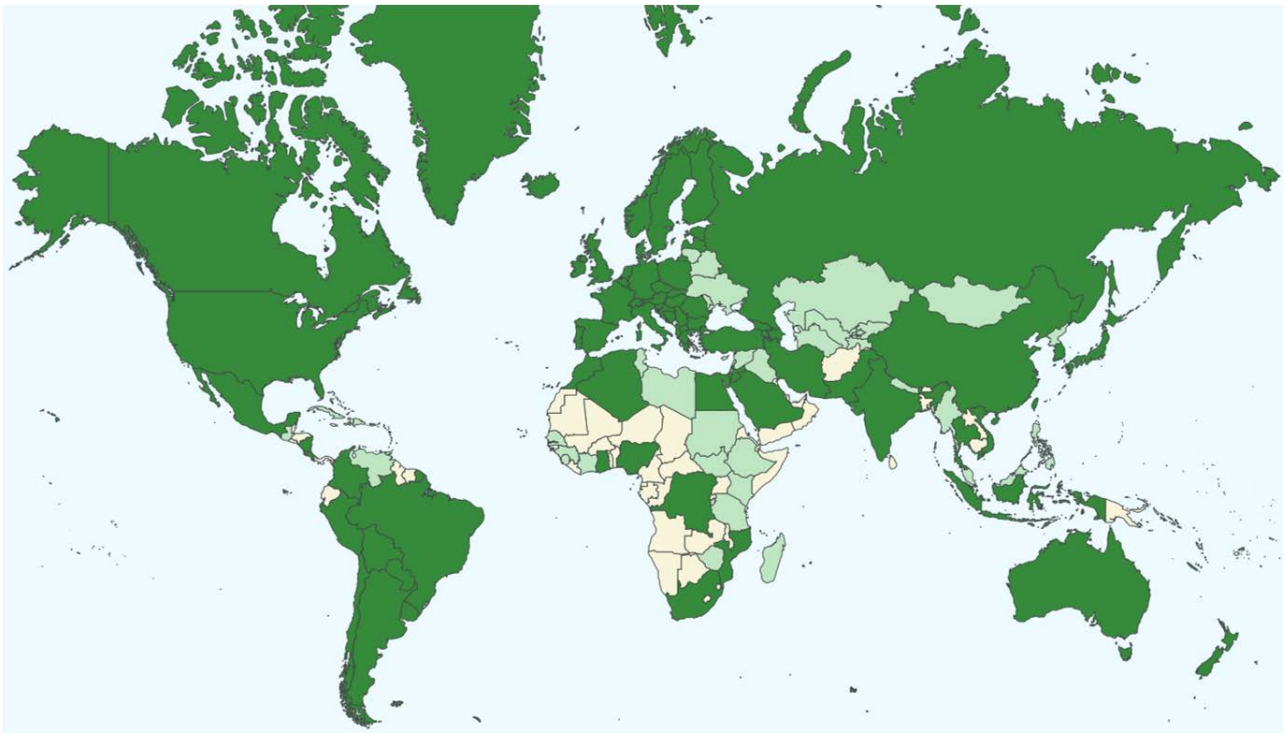
The IUGG Executive Committee and the IUGG Secretariat thank the Adhering Bodies and National Committees, International Associations and Union Commissions as well as all other groups and individuals who helped make the challenging year 2024 productive, and also to all those who contributed to strengthening international scientific cooperation in Earth and space sciences for the benefit of society.

We wish you happiness, health and great success in 2025.

We look forward to seeing you at one of our many 2025 meetings organised under the umbrella of IUGG, including the scientific assemblies of our eight International Associations.

2. IUGG – Membership and Financial Situation 2025

As of 1 January 2025, IUGG has 74 National Members, including 60 countries in paying status. The paying members are placed in categories from 1 to 14 depending on their financial contribution to the Union (the membership dues rise with increasing category number). At present, the highest category used is category 11. The members pay dues according to a number of units assigned to their category (in category 1 the number of units is 1, and in category 11 the number is 35). According to a decision made at the XXII IUGG General Assembly (Boulder, USA, 1995), the price of 1 unit is determined every year using an inflator index obtained from the Bureau of Labor Statistics, U.S. Department of Labor. In 2025, the price of 1 unit will be USD 2,525. The 60 paying members represent a total of 279 units, which is equivalent to a total income of USD 704,475. The funds received as dues are the basis for IUGG's operations as a scientific union, although the Union Associations may have their own additional funding through book sales, donations, or other means. The funds are spent to support: (i) scientific activities of Union Associations and Commissions; (ii) international scientific programs, projects and services; (iii) general and scientific assemblies, symposia, workshops, and schools; (iv) the IUGG Grants Program; (v) the International Lithosphere Program; (vi) the International Science Council; (vii) travel of students, early career scientists, and scientists from developing countries to attend scientific meetings; and (viii) administration and management.



Regional distribution of current (dark green) and former (light green) IUGG Member Countries (as of 01.01.2025)

Niels Andersen, IUGG Treasurer

3. IUGG – Yearbook 2025

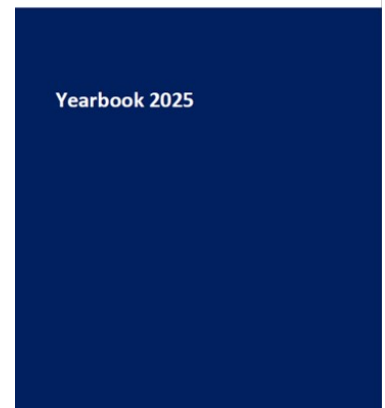
The IUGG Yearbook 2025 is now [available](#).

Thanks to the National Committees, the Associations and Commissions for helping to update the information in the Yearbook!

During 2025, updates on addresses and other information in the Yearbook should be sent to the [IUGG Secretariat](#) as soon as they are known. Our aim is to update the Yearbook as needed throughout the year.



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4. IUGG – New Membership of Union Committees

The IUGG President appointed members to several new Union Committees, which are responsible for (i) the selection of candidates to be included in the election of the IUGG Bureau and Finance Committee Members 2027-2031 (Nominating Committee), (ii) for the evaluation of the sites proposed for the IUGG General Assembly 2031 (Site Comparison Committee), (iii) for preparing the draft resolutions of the IUGG General Assembly 2027 (Resolutions Committee), (iv) for considering the nominations received for the Gold Medal, Fellowships, and Early Career Scientist Awards to be

presented at the IUGG General Assembly 2027 (Awards Committee), (v) for preparing modifications of the Statutes and By-Laws of the Union (Statutes and By-Laws Committee), (vi) for strengthening the role of early career scientists in IUGG (Early Career Scientists Committee), and (vii) for increasing equality, diversity, and inclusion in IUGG (Equality, Diversity, and Inclusion Committee). The membership of the committees is the following:

Awards Committee

- Denise Smythe-Wright (UK, IAPSO), Chair
- Johan Gaume (Switzerland, IACS)
- Richard S. Gross (USA, IAG)
- Jay Johnson (USA, IAGA)
- Fuqiang Tian (China, IAHS)
- Mary Scholes (South Africa, IAMAS)
- Keiko Kuge (Japan, IASPEI)
- Paolo Papale (Italy, IAVCEI)
- Alexander Rudloff (Germany, IUGG, ex-officio)

Equality, Diversity, and Inclusion Committee

- Andrew Mackintosh (Australia, IACS), Chair
- Rebekka Steffen (Sweden, IAG)
- Katia Pinheiro (Brazil/Germany, IAGA)
- Archana Sarkar (India, IAHS)
- Keith Alverson (USA, IAMAS)
- Joellen Russell (USA, IAPSO)
- Michelle Grobbelaar (Austria/South Africa, IASPEI)

Nominating Committee

- Michael G. Sideris (Canada, IAG), Chair
- Sergio Barrientos (Chile, IASPEI)
- Monika Korte (Germany, IAGA)
- Marilyn Raphael (USA, IAMAS)

Resolutions Committee

- Kathy Whaler (UK, IAGA), Chair
- Andrew Harris (France, IAVCEI)
- Harald Schuh (Germany, IAG)
- Dmitry Storchak (UK, IASPEI)
- Tirusha Thambiran (South Africa, IAMAS)

Site Comparison Committee

- Eduard Petrovsky (Czech Republic, IAGA), Chair
- Fiona Darbyshire (Canada, IASPEI)
- Jürgen Müller (Germany, IAG)
- Stefania Sparnocchia (Italy, IAPSO)

- Martin Streck (USA, IAVCEI)
- Hans Volkert (Germany; IAMAS)
- Virendra Tiwari (India, IUGG, ex-officio)

Statutes and By-Laws Committee

- Charles Barton (Australia, IAGA), Chair
- Zuheir Altamimi (France, IAG)
- Neil Holbrook (Australia, IAMAS)
- Jan Lindsay (New Zealand, IAVCEI)
- Johannes Schweitzer (Norway, IASPEI)
- Mioara Manda (France, IUGG, ex-officio)

Equality, Diversity, and Inclusion Committee

- Andrew Mackintosh (Australia, IACS), Chair
- Rebekka Steffen (Sweden, IAG)
- Katia Pinheiro (Brazil/Germany, IAGA)
- Archana Sarkar (India, IAHS)
- Keith Alverson (USA, IAMAS)
- Joellen Russell (USA, IAPSO)
- Michelle Grobbelaar (Austria/South Africa, IASPEI)

More information about the committees can be found [here](#).

Thank you for your support!

5. IUGG – Geoscience Education Events 2025 at ICTP



As announced in the July 2024 issue of the IUGG E-Journal ([item 2](#)), IUGG and the Abdus Salam International Centre for Theoretical Physics ([ICTP](#)) will continue cooperating in geoscience education.

In 2025, IUGG will support the following three geoscience education events with a total of USD 15,000:

- [6th Summer School on Theory, Mechanisms and Hierarchical Modelling of Climate Dynamics: Artificial Intelligence and Climate Modelling](#), 5-16 May, ICTP, Trieste, Italy
 - [12th Workshop on the Theory and Use of Regional Climate Models](#), 25 August-5 September, ICTP, Trieste, Italy
 - [Workshop on the Deformation at the Intersection Between Physics of Earthquakes and Volcanic Processes](#), 13-24 October, ICTP, Trieste, Italy
-

6. IUGG – At the Geological Society of India’s Annual Convention

In late November 2024, Mioara Manda (IUGG President-Elect), Anny Cazenave (IUGG Fellow) and Kathy Whaler (IUGG President 2019-2023) travelled to India, IUGG member since 1947, at the invitation of Harsh Gupta (IUGG President 2011-2015). At the Geological Society of India’s Annual Convention and International Seminar on ‘Plate Tectonics, Sedimentation and Metallogeny through Time’ in Dharwad, Mioara and Anny were awarded Honorary Fellowship and all three gave invited presentations. They then travelled to the Diamond Jubilee of the Hyderabad Geomagnetic Observatory at the CSIR-National Geophysical Research Institute (NGRI). The visit included a tree-planting ceremony outside the Observatory, a seminar on ‘Geomagnetic Observatories in India: Past, Present and Future’ including a panel discussion (at which all three spoke), a tour of the Hyderabad Observatory, and a visit to the NGRI Choutuppal campus, where the newer Choutuppal Geomagnetic Observatory is located, along with other observational and research facilities such as an experimental hydrogeological park, and a meteorological station. We thank our excellent local hosts, including Dr V S Hegde, SDM College of Engineering and Technology, Dharwad, Chair of the Local Organising Committee of the Geological Society of India meeting, Dr Prakash Kumar, Director of NGRI and Chairman of the Diamond Jubilee Local Organising Committee, Dr Kusumita Arora, Chief Scientist for Geomagnetism and Convenor of the Diamond Jubilee Local Organising Committee, and Dr Harsh Gupta (emeritus scientist at NGRI and President of the Geological Society of India), who contributed so much to making our visit truly stimulating and inspirational.



Mioara Manda, Harsh Gupta, Kathy Whaler, and Anny Cazenave

Kathy Whaler, IUGG President (2019-2023)
on behalf also of Mioara Manda, IUGG President-Elect, and Anny Cazenave, IUGG Fellow

7. IUGG ASSOCIATIONS – Scientific Assemblies 2025: Important Deadlines and Updates

In 2025, our eight Union Associations will organise the following (joint) Scientific Assemblies in chronological order:



[Geneva, Switzerland](#)
[29 June-4 July 2025](#)

Abstract Submission Deadline:
10 January 2025



[Busan, Rep. of Korea](#)
[20-25 July 2025](#)

Abstract Submission/
Grant Application Deadline:
15 February 2025



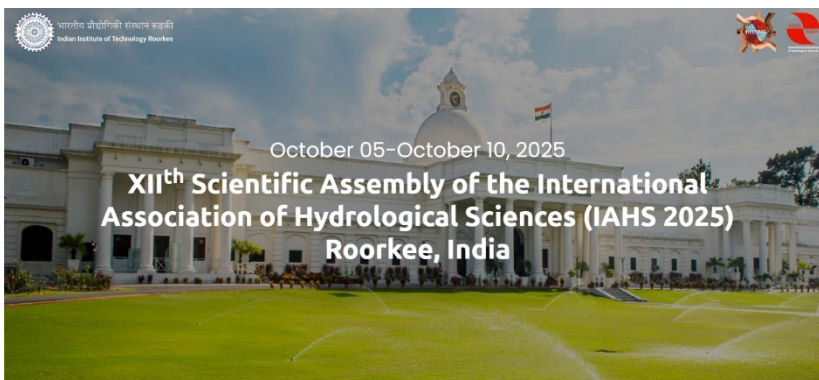
[Lisbon, Portugal](#)
[31 August-5 September 2025](#)

Abstract Submission/
Grant Application Deadline:
12 March 2025



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

Abstract Submission Deadline:
15 March 2025



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

Abstract Submission Deadline:
30 January 2025
Grant Application Deadline:
21 February 2025

IAG2025 – First Circular

The International Association of Geodesy (IAG) will hold its Scientific Assembly ([IAG2025](#)) in Rimini, Italy, from 1 to 5 September 2025. The IAG Scientific Assembly is a quadrennial event, held in the middle of the periods between IUGG General Assemblies. After the virtual meeting in Beijing, China, in 2021, we are happy to have a full in-person meeting in Italy.

Under the headline ‘Geodesy for a changing environment’ we have set up 14 symposia (including three joint symposia) covering topics of all IAG Commissions, Inter-Commission Committees, Projects and Services. The theme of the assembly draws geodesists’ attention to impacts of environmental variations/changes, increasingly severe extreme events of different nature and to developing strategies apt to capture the onset of abrupt changes in the Earth system. With one dedicated symposium on outreach, data management, and networking with science and policy, the increasing importance of geodesy for a broad variety of societal topics will be emphasised. In addition, we selected four *Highlight Sessions* covering four topics that are at the forefront of geodetic research and having a high impact on society. Presentations in these Highlight Sessions will be partly by invitation only and partly by selecting appropriate contributions from the submitted abstracts.

All details on abstract submission, registration, and all other organisational information can be found on the [website](#).

Registration

The local organisers and the IAG have worked to keep registration fee as low as possible, and IAG individual members as well as retired individuals and students receive a discounted fee (a valid certificate needs to be provided). Abstract submission fee is 40 Euro per abstract.

The IAG provides the opportunity for young scientists from developing countries to receive a travel award in order to encourage them to be a part of IAG Scientific Assembly 2025. Please, refer to the [website](#) for the detailed rules and procedures to apply for an IAG travel award.

IAG Symposia Series

All participants of IAG2025 are invited to publish their research presented at the Assembly (oral and poster) in the IAG Symposia Series by Springer. This series is now fully open-access with the fees for open-access covered by IAG. Thus, the first author shall be the participant in the assembly. The papers will be online shortly after each paper is accepted following a peer review process, so that they do not have to wait for the entire volume to be completed. The deadline for submitting manuscripts to the IAG Symposia Series is set to 30 November 2025.

We are looking forward to see you in Rimini for the IAG Scientific Assembly 2025.

Daniela Thaller, IAG Secretary General and Chair of the IAG2025 Scientific Organizing Committee,
Stefano Gandolfi and Susanna Zerbini, Chairs of the IAG2025 Local Organizing Committee

8. IUGG ASSOCIATIONS – Awards 2025: Call for Nominations

IACS

- [Early Career Scientist Award 2025](#) (early-career level). Deadline for nominations: **13 January 2025**.

IAMAS

- [Early Career Medal 2025](#) (early-career level). Deadline for nominations: **1 March 2025**.

IAPSO

- [Early Career Scientist Medal 2025](#) (early-career level). Deadline for nominations: **10 January 2025**.

IASPEI

- [Medal 2025](#) (late-career level). Deadline for nominations: **31 March 2025**.

IAVCEI

- [George Walker Award 2025](#) (early-career level). Deadline for nominations: **7 March 2025**.
- [Fisher Medal 2025](#) (mid-career level). Deadline for nominations: **7 March 2025**.
- [Wager Medal 2025](#) (mid-career level). Deadline for nominations: **7 March 2025**.
- [Thorarinsson Medal 2025](#) (late-career level). Deadline for nominations: **7 March 2025**.

9. IACS – International Year of Glaciers' Preservation 2025

The International Year of Glaciers' Preservation 2025 (IYGP) is approaching and the [IYGP website](#) was launched in November. Several events are planned for next year. The World Glacier Monitoring Service (WGMS) collects a list of national and international events on [its website](#).



2025
International
Year of Glaciers'
Preservation

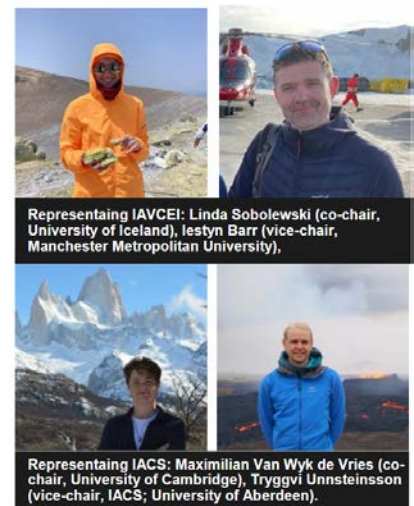
On 21 January the IYGP will be launched and on 21 March the World Glacier Day will be celebrated for the first time. The IYGP is co-chaired by UNESCO and the World Meteorological Organization (WMO). IACS is partner organisation. IACS President Liss Andreassen and WGMS Director Michael Zemp are members of the IYGP Advisory Board. IACS will together with UNESCO

and WMO mark the IYGP with a special session at the IACS-IAMAS-IAPSO Joint Scientific Assembly 2025 ([BACO2025](#)). The IYGP also marks the start of the 'Decade of Action for Cryospheric Science 2025-2034', recently adopted by the United Nations to address the urgency of understanding, monitoring and mitigating the melting of the cryosphere in the face of the climate crisis.

Liss Andreassen, IACS President

10. IACS/IAVCEI – Volcano-Ice Interactions Commission

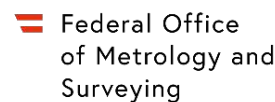
The Volcano-Ice Interactions Commission (VIIC) is a joint commission of the International Associations of Cryospheric Sciences (IACS) and of Volcanology and Chemistry of the Earth's Interior (IAVCEI). The VIIC is tasked with highlighting and promoting research on the interactions between volcanism and the cryosphere in any shape or form, i.e., glaciovolcanism. Glaciovolcanic processes and products encode important information on the current and past states of glaciers and volcanoes, and may help us better understand future hazards and the effects of a warming climate. The study of volcano-ice interactions is therefore of both scientific and societal value, calling for continued interest and collaborations within the scientific community.



The VIIC is now heading into its second leadership term since becoming a joint commission, see photos above. We have several upcoming events, open to everyone, that may be of interest: (1) online workshop on glaciovolcanism 13-15 January 2025; (2) in-person workshop in Iceland 18-25 May 2025; (3) glaciovolcanism session at the IAVCEI Scientific Assembly 29 June-4 July 2025 - abstract deadline 10 January 2025; (4) online seminar series. For further information on the events and to become involved with the VIIC see our [website](#) or engage with our accounts on X (@volc_ice) or Bluesky (@volc-ice.bsky.social).

Trygvi Unnsteinsson, VIIC IACS Vice-Chair

11. IAG – GGOS Topical Meeting on the Atmosphere: Report



The Global Geodetic Observing System (GGOS) of the International Association of Geodesy (IAG) convened geodetic and geophysical communities to participate in the *GGOS Topical Meeting on the Atmosphere*, held in Potsdam, Germany, 7-9 October 2024. The main objectives were a general brainstorming and in-depth discussions on the challenges and opportunities of integrating geodetic and geophysical technologies for a comprehensive monitoring of the lower atmosphere (i.e., troposphere and stratosphere), the mid-atmosphere (mesosphere) and the upper atmosphere (including thermosphere, ionosphere and plasmasphere). This Topical Meeting was organised as a main activity of the project *Characterisation of the Ionised Atmosphere in terms of Essential*

Variables promoted by the International Union of Geodesy and Geophysics (IUGG) for 2024/2025 with the support of the International Association of Geomagnetism and Aeronomy (IAGA) and the IAG. The meeting was attended by 76 participants from 21 countries. 36 participants were early career scientists. Thanks to the generous support of the IUGG, the IAG and the IAGA, travel grants were provided to six colleagues to enable them to attend the meeting.



*Participants of the GGOS Topical Meeting on the Atmosphere, Potsdam, Germany, 7-9 October 2024
(photo: R. Heinkelmann)*

Contributions covered topics from

- GGOS Focus Area ‘Geodetic Space Weather Research – GSWR’
- GGOS Focus Area ‘Artificial Intelligence for Geodesy – AI4G’
- GGOS Focus Area ‘Geohazards Monitoring’
- IAGA Interdivisional Commission on ‘Space Weather’
- IAGA Division II ‘Aeronomic Phenomena’
- IAGA Division V ‘Geomagnetic Observatories, Surveys and Analyses’
- IAG Commission 4 ‘Positioning and Applications’
- IAG Sub-Commission 4.3 ‘Atmospheric Remote Sensing’
- GGOS Study Group ‘AI for GNSS Remote Sensing’
- IAG Working Group ‘Remote Sensing Using GNSS Reflected Signals’
- Study Group ‘High-Resolution Probing of the Troposphere and Ionosphere’ of IAG Inter-Commission Committee on Theory

56 contributions, 36 oral and 20 posters, were presented in the following sessions:

- Session 1: *Magnetosphere, Ionosphere, Plasmasphere and Thermosphere, as a Coupled System*, convener Michael Schmidt, DGFI-TUM, Germany
- Session 2: *Ionosphere Modelling and Applications*, convener Paweł Wielgosz, University of Warmia and Mazury in Olsztyn, Poland
- Session 3: *Climate Application of Geodetic Atmospheric Parameters*, convener Rosa Pacione, C.S.M. Data Analysis Services, e-Geos/ASI-Centro di Geodesia Spaziale, Italy
- Session 4: *Geohazards Monitoring*, convener Michela Ravanelli, Sapienza University of Rome, Italy

- Sessions 5 and 6: *Geodetic Methods for Water Vapour Monitoring and Severe Weather*, convener Kyriakos Balidakis, Helmholtz Centre Potsdam GFZ German Research Centre for Geosciences, Germany
- Session 7: *Atmospheric Modelling Based on Artificial Intelligence*, convener: Benedikt Soja, ETH Zurich, Switzerland.

More information at

- Presentations: <https://zenodo.org/communities/ggos-topical-meeting-atmosphere/>
- Event website, meeting summary and photos: <https://ggos.org/event/ggos-topical-meeting-atmosphere/>.

In addition to the technical sessions, a guided tour through the facilities of the GFZ was organised and a ‘come together’ for all participating young scientists took place. This event was not only restricted to the GGOS Topical Meeting on the Atmosphere, but also included the GRACE/GRACE-FO Science Team Meeting 2024, which took place at GFZ from 4 to 8 October, and the GGOS Days 2024, which followed the Topical Meeting on October 10 and 11. This informal ‘come together’ meeting was sponsored by the IAG and was attended by about 45 young colleagues who had the opportunity to get to know each other, to talk about their work, and to network. We would like to take this opportunity to thank Ludwig Grunwaldt and Christoph Förste from GFZ for the warm welcome and interesting explanations during the visit to GFZ, as well as Julia Koch, PhD student at ETH Zurich, who, as GGOS Early Career Representative, organised the event with the young colleagues.

The GGOS Topical Meeting on the Atmosphere was only possible thanks to the support of numerous colleagues who defined the topics of the meeting, chaired the sessions, gave presentations and participated in the discussions. Special thanks go to GFZ Potsdam for hosting the meeting and to the local organising committee: Kirsten Elger, Robert Heinkelmann, Nataliya Bobenko, Sascha Torkhov and Alexander Brauser. Their tireless work ensured a familiar and comfortable atmosphere throughout the meeting. Special thanks are also due to the IUGG, whose support enabled the meeting to be held free of charge for all participants, thus facilitating the attendance of many colleagues, especially early career scientists. Finally, we would like to thank the Deutsches Geodätisches Forschungsinstitut of the Technical University of Munich (DGFI-TUM) and the Austrian Federal Office of Metrology and Surveying (BEV) for hosting and supporting the GGOS Presidency and the GGOS Coordinating Office, respectively.

Laura Sánchez, GGOS President

Michael Schmidt, Lead of the GGOS Focus Area ‘Geodetic Space Weather Research’

12. IAPSO – ENSO Winter School 2025: Announcement

The ENSO Winter School 2025 will be organised from 15 to 23 March 2025 at the University of Hawaii at Mānoa, Honolulu HI, USA.

The year 2025 marks the 50th anniversary of two milestone events for research on the El Niño/Southern Oscillation (ENSO) phenomenon. The first was the publication of the seminal Journal of Physical Oceanography 1975 paper: ‘El Niño—The dynamic response of the equatorial Pacific Ocean to atmospheric forcing’ by Klaus Wyrtki, a pioneering oceanographer at the University of

Hawai'i who made transformative contributions to our understanding of ENSO. The second was the launch of the El Niño Watch Expedition, also conceived and organized by Klaus Wyrtki, that took place from February to May 1975 with the goal of verifying the first-ever El Niño forecast based on a statistical model using the Southern Oscillation Index.

To honour Wyrtki's legacy and address the critical challenges posed by climate change to understanding and predicting ENSO, we are organising the ENSO Winter School 2025, which will take place at the University of Hawai'i at Mānoa campus, from 15 to 23 March 2025. This 9-day immersive programme will gather 34 top students from around the world alongside more than 15 renowned international experts. Students will be equipped with knowledge of the fundamental dynamics of ENSO through a hierarchical modelling approach and will gain the practical skills needed to advance ENSO theory, prediction, and applications. Our goal is to foster the next generation of leaders in ENSO research, dedicated to advancing scientific understanding and addressing the challenges surrounding the response of ENSO to climate change and its complex impacts on global weather and climate.

For more information, visit the school's [website](#).

The ENSO Winter School 2025 is supported by IUGG and IAPSO.

Christina Karamperidou, Chair of the Scientific Organizing Committee

13. Awards and Honours

Anny Cazenave (France), IUGG Elected Fellow 2019, and **Mioara Manda** (France), IUGG President-Elect (2023-2027), were awarded Honorary Fellowship of the Geological Society of India.

Congratulations!

14. Obituary

With great sadness IUGG reports the death of

John Rodda (1934-2024), IAHS President (1995-2001).

15. 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](#).

January

- 11-17, IAVCEI, Galeras and Doña Juana volcanoes, Colombia, [7th Volcano Geology International Workshop](#)

- 13-15, IAVCEI, online, [Volcano-Ice Interactions Commission \(VIIC\) Workshop on Glaciovolcanism](#)
- 26-30, ISC, Muscat, Oman, [ISC General Assembly 2025](#)

February

- 24-28, IASPEI, Windhoek, Namibia, [4th General Assembly of the African Seismological Commission](#)

March

- 15-23, IUGG, IAPSO, Honolulu HI, USA, [ENSO \(El Niño-Southern Oscillation\) Winter School 2025](#)
- 24-28, IUGG, IAMAS, Cambridge, UK, Improved simulations of the stratosphere for better predictions of weather, climate and extreme events
- 31-4 April, IUGG SOUTH AFRICA, Cape Town, South Africa, [14th International Conference on Southern Hemisphere Meteorology and Oceanography](#)

April

- 7-9, IAG, ISPRS, Karlsruhe, Germany, [6th Joint International Symposium on Deformation Monitoring \(JISDM\)](#)
- 7-11, IAVCEI, Hungary, Workshop of the Commission on Volcanogenic Sediments, <https://cvs.iavceivolcano.org/cvs-activities/>
- 23-26, IUGG, IAMAS, Beijing, China, 2025 International Symposium on Lightning Physics and Lightning Meteorology
- 27-2 May, EGU, Vienna, Austria, [EGU General Assembly 2025](#)

May

- Tbc, IUGG, IAG, PAIGH, Mendoza, Argentina, [Topical School and workshop in Latin America: Terrestrial Reference Framework and Atmospheric Monitoring. How to achieve the maximum utilization of the GNSS Network?](#)
- Tbc, IUGG, IAMAS, ESA, ITU, Frascati, Italy, [Resilience to Natural Hazards through AI Solutions](#)
- 4-9, IUGG, IASPEI, Castasegna, Switzerland, [QuakeHack: A Statistical Seismology Hackathon for Early Career Scientists](#)
- 5-16, IUGG, ICTP, Trieste, Italy, [6th Summer School on Theory, Mechanisms and Hierarchical Modelling of Climate Dynamics: Artificial Intelligence and Climate Modelling](#)
- 12-16, IUGG, IAGA, L'Aquila, Italy, Course on Cross-Scale Coupling of Heliophysics System
- 18-24, IAVCEI, Iceland, Field Workshop of the Volcano-Ice Interactions Commission
- 25-30, JpGU, Chiba, Japan, [JpGU Meeting 2025](#)

June

- 2-6, IACS, IAG, IASPEI, Sidney BC, Canada, [2025 Glacial Isostatic Adjustment Workshop: Advancing Models and Observational Constraints](#)
- 9-13, UN, Nice, France, [2025 UN Ocean Conference](#)
- 25-28, IUGG, UCPS, Shanghai, China, Science Symposium of the Union Commission on Planetary Science
- Tbc, IAVCEI, Catania, Italy, Workshop of the Commission on Tephra Hazard Modeling
- 29 June – 4 July, IAVCEI, Geneva, Switzerland, [IAVCEI Scientific Assembly 2025](#)

July

- 9-11, IUGG, IAMAS, Abidjan, Ivory Coast, [21st Global Emission Initiative Conference](#)
- 15-18, IUGG, Incheon, Rep. of Korea, IUGG Business Meetings 2025
- 20-25, IACS, IAMAS, IAPSO, Busan, Rep. of Korea, [IACS-IAMAS-IAPSO Joint Scientific Assembly 2025](#)
- 27-1 August, Singapore, AOGS, [AOGS Annual Meeting 2025](#)

August

- 18-22, ICA, Vancouver BC, Canada, [32nd International Cartographic Conference](#)
- 25-30, 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](#)
- 31 August – 6 September, IAGA, IASPEI, Lisbon, Portugal, [IAGA-IASPEI Joint Scientific Assembly 2025](#)

September

- 1-5, IAG, Rimini, Italy, [IAG Scientific Assembly 2025](#)
- 9-11, IAVCEI, Hveragerði, Iceland, [LASI VII workshop on 'The physical geology of subvolcanic systems: laccoliths, sills and dykes'](#)
- 14-18, IACS, Innsbruck, Austria, [International Mountain Conference 2025](#)

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'
- 5-12, IUGG, IAVCEI, Nicolosi, Italy, [10th Training school on Convective and Volcanic Clouds \(CVC\) detection, monitoring and modeling](#)
- 5-10, IAHS, Roorkee, India, [IAHS Scientific Assembly 2025](#)
- 13-24, IUGG, ICTP, Trieste, Italy, [Workshop on the Deformation at the Intersection Between Physics of Earthquakes and Volcanic Processes](#)
- 19-22, GSA, San Antonio TX, USA, [GSA Connects 2025](#)

December

- Tbc, IUGG, IAPSO, Puerto Madryn, Argentina, 10th Oceanography Colloquium and 12th National Marine Sciences Conference
- 15-19, AGU, New Orleans LA, USA, [AGU Fall Meeting 2025](#)

Tbc

- Tbc, IUGG, IAMAS, Paris, France, Titan: 20-year anniversary of Cassini-Huygens mission

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