



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 – Awards 2027: Call for Nominations (Final Call)

IUGG
International Union
of Geodesy and Geophysics

**RECOGNISE EXCELLENCE.
INSPIRE THE FUTURE.**

**NOMINATE NOW FOR
IUGG AWARDS 2027**

*Honouring today.
Shaping tomorrow.*

GOLD MEDAL

FELLOWSHIPS

**EARLY CAREER
SCIENTIST AWARDS**

**DEADLINE
31 AUGUST 2026
23:59 UTC**

NOMINATE TODAY!
Learn more and submit nominations at
www.iugg.org/awards

The IUGG presents three categories of [Union Awards](#) – the Gold Medal, the Fellowships, and the Early Career Scientist Awards – to recognise outstanding individuals, who contributed significantly to Earth and space sciences and international research cooperation. The awards are presented quadrennially at IUGG General Assemblies. The IUGG calls for nominations for the **2027 Gold Medal, the Fellowships, and the Early Career Scientist Awards**. The awards will be presented during the IUGG General Assembly 2027 ([IUGG2027](#)) in Incheon, Rep. of Korea.

The **IUGG Gold Medal** is the highest honour awarded by the IUGG. The medal was established to recognise Earth and space

scientists for outstanding contributions to the geosciences covered by the IUGG. The IUGG Gold Medal is bestowed on a single individual. The awardee will be invited to attend IUGG2027.

IUGG Fellowships (Honorary Memberships) are a tribute to individuals who have made exceptional contributions to international cooperation in the geosciences and attained eminence in the field of Earth and space sciences. The awardees should have been active in the IUGG or within one or several IUGG Associations or Union Commissions for at least 10 years. IUGG Fellowships are bestowed on up to 10 individuals.

IUGG Early Career Scientist Awards (ECSAs) honour early career scientists for their outstanding research in the Earth and space sciences and international research cooperation. The awardees should be PhD candidates, or practising scientists who received their highest academic degree within the past 10 years. This period can be extended because of career interruptions. The IUGG ECSAs are bestowed on up to 10 individuals. The awardees will be invited to attend and to present at IUGG2027.

Details on the IUGG Awards 2027, including the procedure for nomination, eligibility criteria, and technical requirements, can be found [here](#).

The deadline for submission of nominations for all IUGG Awards 2027 is **31 August 2026**. The nominations will be examined by the [IUGG Awards Committee](#), which is chaired by Denise Smythe-Wright (UK).

Please take this opportunity to recognise colleagues for their contributions to the geosciences and international research cooperation. We strongly encourage nominations that reflect the full diversity of our scientific community, including individuals of all genders, ethnicities, institutions, and backgrounds.

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

2. IUGG – Annual Report 2025

The [IUGG Annual Report 2025](#) presents a comprehensive overview of the Union's activities and achievements throughout the year, highlighting the contributions of its Associations, Union Commissions, Programs, Member Countries, and others.

We invite you to download this impressive publication, which showcases the diverse scientific initiatives, collaborations, and accomplishments of the IUGG community.

The IUGG gratefully acknowledges all individuals and groups who contributed to the preparation of the Annual Report, and helped make this comprehensive record of our collective efforts possible.



3. IUGG ASSOCIATIONS – Journals

The IUGG, through some of its Associations and Commissions, publishes a number of peer-reviewed journals covering various topics of Earth and space sciences. All journals are either full or hybrid open-access. Here, we would like to introduce you to the major journals of our Associations.

International Association of Geodesy (IAG)

The [Journal of Geodesy](#) is an international journal concerned with the study of scientific problems of geodesy and related interdisciplinary sciences. It presents peer-reviewed papers on theoretical or modelling studies, and on results of experiments and interpretations. In addition to original research papers, the journal includes commissioned review papers on topical subjects, occasional short notes on topics with broad significance to the readership, and special issues arising from, for example, scientific symposia or workshops. The journal covers the whole range of geodetic science and reports on theoretical and applied studies in research areas such as positioning; reference frames; geodetic networks; modelling and quality control; space geodesy; remote sensing; gravity field studies, and geodynamics. The Journal of Geodesy is published by Springer. **Five year impact factor: 4.6 (2024).**



- A journal of the IAG, published by Springer
- An international journal examining scientific problems of geodesy and related interdisciplinary sciences
- Covers the entire range of geodetic science
- Presents peer-reviewed papers on theoretical or modelling studies, and on results of experiments and interpretations
- Reports on theoretical and applied studies in research areas such as positioning; reference frame; geodetic networks and more
- 97% of authors who answered a survey reported that they would definitely publish or probably publish in the journal again

International Association of Hydrological Sciences (IAHS)

The [Hydrological Sciences Journal](#) is the official Journal of IAHS and provides a forum for original papers and for the exchange of information and views on significant developments in hydrology worldwide. The Hydrological Sciences Journal is published by Taylor & Francis. **Five year impact factor: 3.3 (2024).**



The scope of the journal includes:

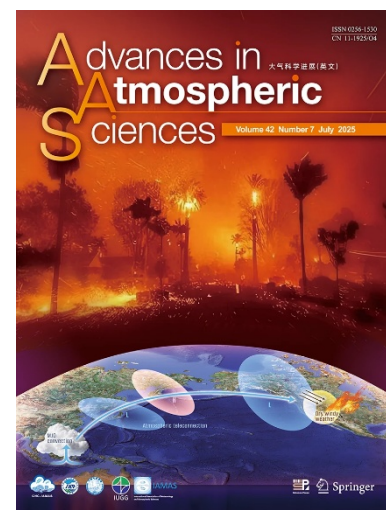
- The hydrological cycle
- Surface water, groundwater, snow and ice, in all their physical, chemical and biological processes, their interrelationships, and their relationships to geographical factors, atmospheric processes and climate, and Earth processes including erosion and sedimentation
- Hydrological extremes and their impact
- Measurement, mathematical representation and computational aspects of hydrological processes
- Hydrological aspects of the use and management of water resources and their change under the influence of human activity
- Water resources systems, including the planning, engineering, management and economic aspects of applied hydrology

International Association of Meteorology and Atmospheric Sciences (IAMAS)

[Advances in Atmospheric Sciences](#), launched in 1984, aims to publish the latest achievements and developments on the dynamics, physics and chemistry of the Earth's atmosphere and ocean. It also aims to publish potentially high impact papers on the atmospheres of other planets and on earth system dynamics in which the atmosphere and/or ocean are involved.

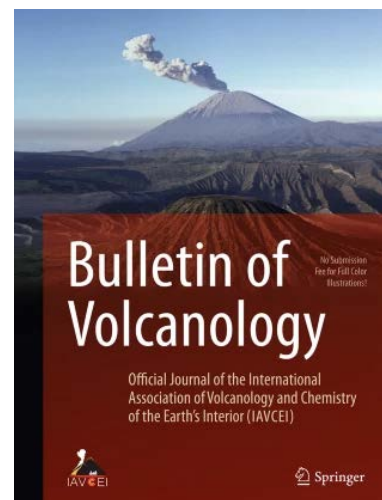
Papers cover the subject areas, including but not limited to, atmospheric and oceanic theories, modelling and observations; weather and general circulation systems, numerical weather prediction, climate dynamics; satellite meteorology, remote sensing, air chemistry and the boundary layer, clouds and precipitation; earth system dynamics, particularly on interactions of the atmosphere and ocean with the biosphere, the cryosphere, and the anthroposphere. The journal encourages studies seeking universal and generalised laws from local and specific phenomena.

Advances in Atmospheric Sciences is sponsored by the Chinese Committee for IAMAS, the Institute of Atmospheric Physics at Chinese Academy of Sciences and the Chinese Meteorological Society. It is the official journal of IAMAS. **Five year impact factor: 5.4 (2024).**



International Association of Volcanology and Chemistry of the Earth's Interior (IAVCEI)

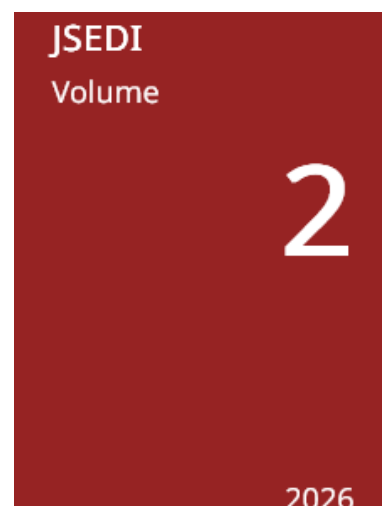
The [Bulletin of Volcanology](#) was founded in 1922, as the Bulletin Volcanologique, and is the official journal of the IAVCEI. The Bulletin of Volcanology publishes papers on volcanoes, their products, their eruptive behaviour, and their hazards. Papers aimed at understanding the deeper structure of volcanoes, and the evolution of magmatic systems using geochemical, petrological, and geophysical techniques are also published. Material is published in four sections: Review Articles; Research Articles; Short Scientific Communications; and a Forum that provides for discussion of controversial issues, and for comment and reply on previously published Articles and Communications. The Bulletin of Volcanology is published by Springer. **Five year impact factor: 3.0 (2024).**



Union Commission on the Study of Earth's Deep Interior (SEDI)

The just launched [Journal of Studies of Earth's Deep Interior](#) (jSEDI) is an interdisciplinary diamond open-access journal devoted to publishing original research on planetary deep interiors. Published by ENS Éditions, the journal issues one volume annually.

jSEDI publishes original scientific research in the broadly defined domain of studies of the Earth's deep interior. Contributions from any discipline or field of study that seeks to expand our understanding of the origin, state, evolution, and role of planet interiors are welcome. The 'Earth' in SEDI is meant in an expansive sense, referring to planets in general, and our subject matter is not restricted to the planet Earth's interior. Fields that commonly contribute to SEDI science include (but are not limited to): geochemistry, seismology, gravity, mineralogy, mineral physics, petrology, geomagnetism, geodynamics, and planetary exploration. Although the broader scope of SEDI is interdisciplinary in nature, focused disciplinary work is also required to tackle challenges and specialised contributions are welcome.



4. IAG – Geodesy Glossary: A Reference Guide to Geodetic Terminology



International Association
of Geodesy

Geodesy uses a wide range of specialised terms, abbreviations, concepts, services, products, and methods. For newcomers, professionals from related fields, and even experienced geodesists working outside their own area of expertise, this terminology can sometimes be difficult to follow. The [Geodesy Glossary](#) provides a reference guide to geodetic terminology. It explains key terms and abbreviations in

short, accessible entries, usually consisting of one or two concise paragraphs. Many entries also include links to further information, helping readers explore the topic in more detail.

Martin Sehnal, Director of GGOS Coordinating Office

5. Royal Society – Photography Competition 2026

Royal Society Publishing is delighted to announce that the 2026 Competition is now open for entries until **14 August 2026** for a chance to win £1000! The competition celebrates the power of photography in conveying the wonder of science happening all around us and photographs can be submitted in the categories of: Earth Science and Climatology, Astronomy, Behaviour, Ecology and Environmental Science and Microimaging.



The competition is free to enter and open to anyone studying or working in science at graduate level or above. Category winners will receive a one-year membership to the Royal Photographic Society and the overall winner will receive a grand prize of £1,000. Find out more at [Royal Society Publishing Photography Competition 2026](#).

Royal Society Publishing

6. Awards and Honours

IUGG National Committee for Switzerland

Junyang Gou (Switzerland) was awarded the 2025 Swiss NC IUGG Early Career Prize of interdisciplinary research. More information can be found [here](#).

Order of the British Empire

Peter Baxter (UK), Co-Leader of the IAVCEI International Volcanic Health Hazard Network (2003-2011), was awarded the Order of the British Empire. More information can be found [here](#) (page 16).

Congratulations!

7. Important IUGG 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](#)

15 January 2027: [Submit Proposals for Changes of IUGG Statutes and By-Laws](#)

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

8. 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](#).

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 NL, 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](#)
- 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](#)
- 25-28, IAG, Aalborg, Denmark, [Summer School: Satellite-Based Hydrological Data Assimilation](#)
- 31-3 September, IAG, Neustrelitz, Germany, [Workshop on GNSS Ionosphere](#)

September

- 6-11, IAHS, Birmingham, UK, [17th Annual Catchment Science Summer School](#)
- 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](#)
- 13-18, IAVCEI, IUGG, Mount Rainier WA, USA, [Field Workshop on Volcano-Ice Interactions and Associated Hazards at Mount Rainier](#)
- 14-16, IAG, Hailsham, UK, [ITGRF Workshop 2026](#)
- 14-16, IUGG, IAPSO, IASPEI, IAVCEI, Bath, UK, [4th World Conference on Meteotsunamis](#)
- 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](#)
- 15-17, IAG, Munich, Germany, [Frontiers of Geodetic Science \(FroGS\) Conference 2026](#)
- 17-18, IUGG ITALY, Rome, Italy, [Words that Inform and Protect: Communication of Potentially Hazardous Natural Phenomena and Their Impacts](#)
- 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](#)
- 21-22, IUGG, Potsdam, Germany, [Connecting Early Career Scientists: A Forum for Dialogue, Belonging, and Interdisciplinary Futures](#)
- 21-23, UCPS, Wuhan, China, [2nd IUGG Symposium on Planetary Science \(IUGG-PS 2026\): New Observations and Advances in Solar System](#)
- 22-26, IAMAS, Pune, India, [10th International Conference on Fog, Fog Collection and Dew \(IFDA 2026\)](#)
- 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](#)
- 5-9, IAVCEI, San Carlos de Bariloche, Argentina, [The Record of Normal and Unusual Volcanic-Arc Activity at the Foot of the Andes](#)
- 6-10, IAVCEI, Nicolosi, Italy, [International School on Drone and VR for Volcano-Tectonic Studies at Etna – Second Edition](#)
- 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](#)
- 12-16, 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?'](#)
- 22-27, IAVCEI, Naples, [International School of Volcanology 2026](#)
- 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](#)
- 28-30, IAHS, Arusha, Tanzania, [27th WaterNet/WARFSA/GWP-SA Symposium on Harnessing Artificial Intelligence and Big Data to Enhance Climate Resilience in Integrated Water Resources Management in Eastern and Southern Africa](#)

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](#)
- 9-11, IAHS, EGU, Casablanca, Morocco, [Hydrology for All: Co-Creating Equitable Water Solutions](#)
- 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.