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Introduction by John Turner, IAMAS Member-at-Large

Welcome to the latest issue of the IAMAS newsletter, which is the last before the IAMAS-IACS-IAPSO Joint Assembly, which will be held in Busan, Republic of Korea over 19-25 July 2025. The IAMAS Bureau, Executive Committee, Members-at-Large and commission members have all put a great deal of effort into planning this important meeting and we anticipate it will be well-attended by scientists from the global atmospheric sciences community. At the time of writing, more than 1,250 abstracts have been submitted, ensuring there will be a very exciting and varied scientific programme. The scientific sessions will include symposia organized by each of the three associations, joint association sessions, plenary sessions and keynote presentations. There will also be two IAMAS joint assembly/ Executive Committee meetings where we will hear reports from the Bureau and commission officers on progress since the IUGG assembly in Berlin in 2023 – these two meetings are open to all attendees in Busan. The revision of the IAMAS statutes will be discussed and a decision made on the location of the 2029 IAMAS assembly.



The BEXCO conference centre in Busan.

Our commissions will hold business meetings to review progress and discuss future activities and meetings. There will also be a meeting to discuss the proposed new International Commission on Tropical Meteorology, which everyone with an interest in the subject is invited to attend. More

details on the Busan assembly can be found later in the newsletter.

A new online resource that has recently become available is the IUGG website devoted to their Early-Career Scientists Network (<https://iugg-ecs.org/>), which contains a blog post by Jing Li, the IAMAS Early-Career Representative.

Report on the International Commission on Atmospheric Electricity Executive Committee meeting at AGU, December 2024

This meeting of the ICAE Executive took place on 10 December at the Moxy Hotel, Washington, DC during the AGU conference. The meeting was hosted by Xiushu Qie with 12 members from six countries attending. The group heard reports on commission activities that took place during 2023-2024. Attendees were told that sessions relevant to the work of ICAE had been organized at IUGG 2023 and EGU 2024, with all being well-attended. The work of the commission had been publicised via the ICAE web site (<https://www.iamas.org/icae/>) and the commission newsletter, which has been issued twice a year. An active mailing list has been maintained, allowing communication with around 430 members of the atmospheric electricity community. Future activities planned include participation at BACO-25 in Busan, an ICAE meeting at AGU 2025 and the International Symposium on Lightning and Physics and Lightning Meteorology to be held in Beijing, China in June 2025. A report on the preparations for the 2026 ICAE meeting was presented by Dr. Joan Montanya. The venue for the meeting has been selected and the social programme defined. The website for the meeting is now online at <https://icae2026.upc.edu/119708/detail/18th-international-conference-on-atmospheric-electricity.html>. Finally, a report was received of early career researcher activities within ICAE.

The Busan assembly

With two months to go until the Busan assembly, preparations for the event are well advanced. The abstract submission deadline has passed and the authors have been informed of the acceptance of their submissions. The scientific programme and schedule of sessions is now online at the assembly website (<https://baco-25.org/>) as is information for conveners and co-conveners. Regular online registration is possible until 18 July, after which registration will be available on-site. A range of accommodation is available and this can be booked online until 30 June.

IAMAS received 40 requests for support to attend the Busan assembly from early career scientists. Of these, 27 had their registration fee waived, which included all postgraduate student applicants. In addition, registration fee waiver and a grant of USD1,000 travel support was provided for three selected applicants.

As well as the scientific sessions, a high school student event will take place on 24 July when a number of outstanding lecturers will give presentations on aspects of the Earth sciences. The associations are also planning early career scientist events for the next generation of scientists working in the fields of atmospheric, oceanic and cryospheric sciences.

Commission Activities

The International Commission on Polar Meteorology

The International Commission on Polar Meteorology (ICPM) sponsored the workshop on Polar Winter Climate and Processes, held at the British Antarctic Survey in Cambridge, UK in April 2025. This was a very successful hybrid workshop with lots of interesting presentations and discussions. The aim of the workshop was to promote discussion towards filling knowledge gaps in the understanding of the coupled climate system at high latitudes.



The workshop lead Xin Yang opening the meeting.

ICPM is also supporting the 20th Workshop on Antarctic Meteorology and Climate (WAMC), which will be held in Incheon, Republic of Korea (hosted by KOPRI) from July 16-18, 2025. The meeting is hybrid and has no registration fee. Registration, abstract submission, travel information and more can be found at <https://amrdc.ssec.wisc.edu/meetings/wamc2025>

The International Ozone Commission (IO3C)

The annual IO3C newsletter is planned to be released on the UNEP international ozone day (September 16th). Prior to this an online meeting will be held in late May to scope out the material to be included in the newsletter.

Upcoming meetings

Meetings supported by IUGG are indicated by an asterisk

2025

- Titan: 20-year Anniversary of Cassini-Huygens Mission, Paris, France, date to be confirmed in 2025 (ICPAE)*
- 21st Global Emission Initiative Conference, Abidjan, Ivory Coast, 9-11 July 2025*
- The 20th Workshop on Antarctic Meteorology and Climate, Incheon, Republic of Korea (hosted by KOPRI) from July 16-18, 2025. <https://amrdc.ssec.wisc.edu/meetings/wamc2025>
- The IAMAS/IACS/IAPSO Joint Scientific Assembly BACO-25, 20-25 July 2025 Busan, Republic of Korea. www.baco-25.org.
- Workshop on Data Science for Weather and Climate Research, and Training School on Climate Data Analysis and AI in the Global South (AI4Climate), Dakar, Senegal, October/November 2025*
- The 11th WMO Scientific Conference on Weather Modification. Pune, India 3-7 November 2025. https://www.tropmet.res.in/229-event_details
- COSPAR will hold its Sixth Symposium in Nicosia, Cyprus, 3-7 November 2025. <https://cosparhq.cnes.fr/next-cospar-symposium/>
- Workshop on Progress in Atmospheric Electricity. December 2025. San Francisco, USA. (ICAE)

2026

- The Climate and Cryosphere Open Science Conference, Wellington, New Zealand 9-12 February, 2026. clic2026.com.
- The 18th International Conference on Atmospheric Electricity. Barcelona, Spain 13-17 July 2026. <https://icae2026.upc.edu/119708/detail/18th-international-conference-on-atmospheric-electricity.html>
- The 12th Scientific Committee of Antarctic Research Open Science Conference. Oslo, Norway 8-18 August 2026. <https://www.npolar.no/en/arrangement/scar2026/>
- The 46th COSPAR Scientific Assembly 1 – 9 August 2026 Florence, Italy. <https://cosparhq.cnes.fr/events/scientific-assemblies/>
- The 6th International Atmospheric Rivers Conference. Date and location to be decided.

2027

- The 29th IUGG General Assembly. To be held in Incheon, Republic of Korea in the Boreal summer of 2027. The dates will be announced soon.

2028

- The next IRC Quadrennial Symposium. Date and location to be decided.
- The 20th International Conference on Clouds and Precipitation (ICCP) will be held at the Indian Institute of Tropical Meteorology. The exact date will be announced in due course.