

International Commission for Atmospheric Chemistry and Global Pollution (iCACGP)

The [international Commission on Atmospheric Chemistry and Global Pollution](#) (iCACGP) is one of 11 commissions under the [International Association of Meteorology and Atmospheric Sciences](#) (IAMAS), which is in turn part of the [International Union of Geodesy and Geophysics](#) (IUGG). The IUGG is part of the [International Science Council](#) (ISC). Established in 1957 to foster a deeper understanding of atmospheric chemistry and its global implications, iCACGP has been instrumental in promoting and coordinating international scientific research on atmospheric chemistry and its interactions with climate, ecosystems, and human societies.

iCACGP sponsors two significant projects that align with its mission, which are the [International Global Atmospheric Chemistry](#) (IGAC) project and the [Surface Ocean-Lower Atmosphere Study](#) (SOLAS).

Objectives of iCACGP

iCACGP has four primary objectives in representing the atmospheric chemistry community within the IUGG framework as a Commission of the International Association of Meteorology and Atmospheric Sciences (IAMAS):

1. **To promote core research on atmospheric chemistry and composition, their contributions to air pollution and climate, and their effects on humans and the biogeosphere by encouraging international communication through:**
 - The organization of a biennial science conference with the IGAC Project and of sessions with the SOLAS conference.
 - The support of IAMAS and IUGG overarching scientific objectives and strategy, including the organization of relevant symposia at their assemblies.
 - The collaboration with other international organizations involved in atmospheric chemistry and global air pollution research, including IGAC, SOLAS, iLEAPS, APARC, GAW, and COSPAR, by participating in business meetings of each group.
 - The publication of position statements to identify and document gaps in knowledge and emerging topics.
2. **To identify and promote research projects and programs in this field that are underpinned by international cooperation through:**
 - Providing support letters for major international collaborative research activities.
 - Helping to coordinate advocacy for addressing atmospheric chemistry and global air pollution research.
 - Furthering the links between the atmospheric chemistry community and wider earth system science communities.
3. **To encourage the participation of students and early career scientists in atmospheric chemistry and global air pollution international research through:**

- The interactions with early career researchers (ECRs) via their ECR conferences and functions promoting interactions between early, mid, and late career scientists.
 - The facilitation of travel grants and financial support for ECRs to attend conferences and workshops.
 - The selection of the Paul Crutzen Early Career Award and the nomination of ECRs for similar awards given by IAMAS and IUGG.
 - The participation of ECR liaisons in the iCACGP meetings and activities.
4. **To increase diversity of perspectives in atmospheric chemistry and global air pollution research.**
- Having geographic and demographic diversity in iCACGP meetings and activities.
 - Nomination on other committees of underrepresented groups and communities from different regions of the world.
 - Facilitation of activities that require broad geographical representation.

Membership Structure of iCACGP

Until 2019, the iCACGP had a President, a Vice-President, and a Secretary-Treasurer. In 2019-2026, the iCACGP officers consisted of one President and 3-4 Vice-Presidents, representing different regions of the world (North America, Global South, Asia, and Europe). Beginning in 2027, the iCACGP officers are one President, two Vice-Presidents, and a Secretary-Treasurer, still representing different regions of the world (North America, Global South, Asia, and Europe).

The President is appointed for a 4-year term, which can be extended for a second 4-year term. The other officers are also elected for 4 years, and this can also be extended for a further 4 years. The officers keep in contact in the manner chosen by the President. At a minimum, discussions are held via email throughout the year on an as-needed basis. The Past-President takes part in the communications among the officers.

There are approximately 20 members in the commission. Members are elected for 4 years, which can be extended for a second 4-year term. The commission strives to have ~10 members in their first term and ~10 members in their second term to achieve continuity through each term. A member can serve longer than two 4-year terms if they are elected to be an officer in the commission. Note: with the interruption to activities due to the COVID-19 pandemic during 2020-2023, all members of the iCACGP were invited to serve an additional 4-year term.

Beginning in 2023, the commission also includes up to three early career researcher liaisons. One early career researcher liaison is the iCACGP representative on the IAMAS early career scientist committee. The other early career researcher liaisons are the IGAC-iCACGP early career researcher scientific steering committee chairs.

The iCACGP includes honorary iCACGP members who are elected for life.

Expectations of the Officers

President:

- Represent iCACGP for IAMAS business and at IAMAS annual meetings.
- Represent iCACGP at SSC meetings held by other organizations, when invited.
- Lead iCACGP business meetings.
- Coordinate requests for funding from iCACGP to IAMAS and IUGG.

Vice-Presidents:

- Represent iCACGP when the President is not able to attend.
- Help the President lead iCACGP meetings.
- Lead major initiatives or activities of the commission. [e.g., Paul Crutzen Early Career Award, review of iCACGP objectives, nomination committee, etc]
- Communicate activities from their region by gathering information from members.
- Keep close communication with ECR liaisons and liaise on activities.

Secretary-Treasurer:

- Maintain the iCACGP website.
- Lead or assist the President with communications internally and with external groups.
- Maintain an iCACGP bank account, receiving funds and distributing funds to specific activities.
- Communicate updates on the iCACGP finances.

Expectations of the Members

- Members are expected to attend the annual meeting either in person or virtually or participate in various iCACGP activities. In the instance that a member does not attend two or more annual meetings without valid reasons, the iCACGP Executive will reconsider the member's place on the Commission.
- Participate in the organization of the scientific program for the iCACGP-IGAC bi-annual conference.
- Communicate updates from their region to the officers, including ECR activities.
- Volunteer for iCACGP activities or committees, such as the Paul Crutzen Early Career Award selection committee and the nomination committee for iCACGP membership.
- Define iCACGP's mission and goals, and identify activities it can undertake to achieve them.
- Encourage soliciting bids to host the venues of the iCACGP-IGAC bi-annual conference.
- Encourage the promotion and wide awareness of ICACGP within broader IAMAS and IUGG communities.

- Encourage national, regional, and international funding agencies to support research relevant to iCACGP and to the achievement of its goals.

Activities of iCACGP

- iCACGP-IGAC Conference, which occurs every 2 years.
- Sessions at the IAMAS General Assembly, which occurs once every 4 years
- Sessions at the IUGG General Assembly, which occurs once every 4 years.
- Paul Crutzen Early Career Award, which is given every 2 years
- Facilitation of travel grants for ECRs, which is a yearly activity
- Propose, lead and publish position papers in the field relevant to iCACGP
- Revisit iCACGP objectives and discuss/define its strategic planning for each 4-year term