



The Expectations and Role of IGAC SSC Members

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Expectations of IGAC SSC Members:

IGAC SSC members are expected to enthusiastically and selflessly serve the broader IGAC community through the three main components of IGAC: fostering community, building capacity, and providing leadership. Each member does this with their own special research focus, talents, and regional knowledge and networks. IGAC thus strives to have an SSC that sees the value of having a strong and well-connected international atmospheric science community, with the belief this ultimately enhances scientific research and collaborations.

The most fundamental activity for each IGAC SSC member is to attend the annual SSC meeting. Missing a single meeting will normally be excused, if it is due to clearly stated reasons (including family obligations), about which the IPO should generally be informed well in advance. Missing two meetings will automatically trigger a discussion by the SSC. The co-chairs will present the case and give a recommendation, which would normally be not retaining that member as part of the SSC, unless there is a very clear and acceptable reason for missing two meetings (e.g., unanticipated family emergencies), and the overall participation and contributions of the member to IGAC are nevertheless adequate.

In addition to attending the annual IGAC SSC meeting, throughout the year IGAC SSC members also need to provide input when it is requested by the IGAC Co-Chairs and/or Executive Officer, by the given deadline. The IGAC Co-Chairs and Executive Officer try to keep these requests to a minimum, but the input is very important to maintain IGAC as a community effort.

Beyond the points noted above, each IGAC SSC member can play a more significant role in IGAC, but this is not required. The other roles can include things like being the chair or serving on the committee of one of the IGAC Activities or Working Groups, being on the local organizing committee and/or scientific program committee for an IGAC biennial science conference, initiating new activities, attending workshops/conference on IGAC's behalf, etc.

Role of IGAC SSC Members:

- Meet once a year in person to review the progress of IGAC and to advise the Co-Chairs and International Project Office (IPO) on the scientific developments that should be initiated or undertaken between meetings;
- Attend quarterly meetings virtually to review the short-term progress of IGAC and of scientific developments in between in-person meetings.
- Define the mission and goals of IGAC and identify the activities IGAC can initiate to achieve its mission and goals;
- Provide scientific guidance to, and oversee the development, planning and implementation of IGAC;



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- Develop guidelines for, oversee, and provide input to IGAC Activities and National/Regional Working Groups;
- Promote IGAC in their home country/region and, if venues exist, try to give at least one talk about IGAC at a national meeting per year
- Solicit bids to host, and select transparently, the venues of the biennial IGAC Science Conferences, and provide essential and significant contributions to the organization of one or more conferences (e.g., choosing scientific program chairs and session conveners, drawing partly on volunteers from the SSC community);
- Respond to the needs of the atmospheric chemistry community to facilitate and foster international research collaborations;
- Provide guidance to the international global change and sustainability community on scientific knowledge, advancement, and questions pertaining to atmospheric chemistry research;
- Encourage the promotion and wide awareness of IGAC within relevant scientific communities;
- Facilitate the atmospheric chemistry community in providing and improving the knowledge and evidence base for relevant international environmental treaties and their protocols (e.g. Convention on Long-Range Transboundary Air Pollution, United Nations Framework Convention on Climate Change, Climate and Clean Air Coalition, amongst others);
- Encourage national governments and regional and international funding agencies to support IGAC research and the achievement of IGAC goals through the provision of adequate support to the necessary national, regional and international research;
- Encourage collaboration between IGAC and iCACGP and Future Earth, as well as other relevant international programmes and agencies concerned with the scientific study and assessment of global change and sustainability; and
- Nominate IGAC SSC members and Co-Chairs to iCACGP and Future Earth for their approval.