Fostering Community

IGAC is an open international community of atmospheric scientists actively collaborating across geographical boundaries and disciplines in order to contribute to addressing the most pressing global change and sustainability issues through scientific research.

Building Capacity

IGAC builds scientific capacity through its national and regional working groups, its early career scientists program, its biennial conferences and facilitation of numerous thematic workshops.

Early Career Scientists Program

IGAC has a strong focus on engaging the next generation of scientists through its early career program. These scientists join an international network early in their career that puts the cogs in motions to further facilitate atmospheric chemistry research at an international level for years to come.

IGAC National/Regional Working Groups

IGAC builds capacity in developing countries/regions by creating a strong cohesive community of atmospheric scientists that together have a sum greater than their parts and connects these scientists to the larger IGAC community to foster international collaborations.

China Working Group

- Comprehensive field campaigns: Organizing large comprehensive field campaigns in China by member (e.g., Tong Zhu, Yuanhang Zhang), and other members and their research teams participate in to investigate the atmospheric chemical processes and formation mechanism of air pollution in China.
- Large research projects: Applying for research projects (e.g., NSFC-RCUK_NERC project) by collaborations among members of China working group and other atmospheric scientists focusing on one common research goal.
- Research centers: Fostering and Launching Australia-China Centre for Air Quality Science and Management (ACC-AQSM), many members of China working group participate in it (e.g., Jianmin Chen, Mei Zheng, Kebin He, etc.)
- Symposium in international conferences: Organizing symposium such as “Haze in China: sources, formation mechanisms, and current challenges” in AAAR 2015 annual conference.

Accomplishments of the working group in the last years

- Presided over large-scale research projects of National Natural Science Foundation of China, Ministry of Science and Technology of the China and Chinese Academy of Sciences by members of China working group (e.g., Tong Zhu, Yuhang Zhang, Hong He).
- International collaborated research project funded by National Natural Science Foundation of China to investigate the formation mechanism, sources, and health impacts of air pollution in Beijing, members such as Tong Zhu, Kebin He, Mei Zheng and colleagues of UK communities participate in the project.