

2018 iCACGP/IGAC Early Career Short Course, 22-24 September 2018, Shodoshima, Japan

IUGG was created in 1919 and has been facilitating the international evolution of geophysics and geodesy. Its International Association of Meteorology and Atmospheric Sciences, IAMAS, was formed by IUGG in the first 3 years, recognising the importance of the atmospheric science. The international commission on atmospheric chemistry and global pollution, iCACGP, began its 60-year evolution in 1957 to address what we now see as human impact on the atmospheric domain of the Earth system. The IUGG, and in particular IAMAS, have played a key role in the last century in the continuing evolution of atmospheric sciences. iCACGP as part of IUGG/IAMAS has been facilitating atmospheric chemistry research that contributes to solving the societal issues of air quality, water quality, food production, and human/ecosystem health and maintains the necessary disciplinary expertise in the natural sciences. It addresses research needs of societal relevance as the Earth has entered a new geological epoch dominated by man and proposed to be called the Anthropocene. Since 1990, the International Global Atmospheric Chemistry (IGAC) project has been facilitating atmospheric chemistry research toward a sustainable world by fostering an international community, building scientific capacity, and providing intellectual leadership to address the most pressing global change and sustainability issues. iCACGP is a scientific sponsor of IGAC and many of the founders of IGAC were iCACGP members. Combined, iCACGP and IGAC have nearly nine decades of experience bringing together the international scientific community to address societal issues through scientific research of importance to IUGG. A key component to achieving iCACGP and IGAC's missions is fostering the next generation of atmospheric scientists through a variety of activities for early career scientists. These scientists join an international network early in their career that puts the cogs in motion to further facilitate atmospheric chemistry research at an international level for years to come. The 2018 iCACGP/IGAC Early Career Short Course will take place prior to the 2018 joint 14th iCACGP Quadrennial Symposium/15th IGAC Science Conference for 40 selected early career scientists from around the world that will engage in an intensive three-day short course. The short course will provide an opportunity for these selected early career scientists to learn career skills and to build a network amongst their peers. The short course is being organized by a committee of seven early career scientists from Asia, Africa, Latin America, Oceania, Europe, and North America.