

Project title: ACAM Training School for Students and Early Career Atmospheric Scientists from Asian Monsoon Countries

We are requesting IUGG support to partially cover the costs for travel and accommodations of students from south and southeast Asia and lecturers at the 2nd Atmospheric Composition and the Asian Monsoon Training School to be held in June 2017 at Sun Yat-sen University in Guangzhou, China.

We propose to conduct a training school for students and early career scientists who are from Asian countries affected by the Asian Monsoon. These countries and regions include Pakistan, India, Nepal, Bhutan, Bangladesh, Myanmar, Thailand, Malaysia, Singapore, Indonesia, Philippines, Cambodia, Laos, Vietnam, Taiwan, and China, half of which are developing countries and others are newly industrialized countries. The training school will occur immediately after the 3rd Atmospheric Composition and Asian Monsoon (ACAM) workshop to be held in June 2017 in Guangzhou, China.

The primary goal of the training school is to build the skills and knowledge of early career Asian scientists for effective utilization of tools that aid scientific investigations of atmospheric composition in connection with the Asian monsoon. The proposed training school addresses the fundamental knowledge and analysis for atmospheric composition and the Asian Monsoon. This foundation will then allow for productive cross-disciplinary research on the Asian Monsoon, as this phenomenon is crucial to water resources while air quality is critical to human health and agriculture.

The training school has a second goal of fostering interactions among the students and early career scientists and between the training school students and lecturers. The networking among the participants will benefit the training school students during their career by giving the students practice at networking, and providing contacts of people for future collaborations.