



International Conference on the

Asian Monsoon and Climate Change

20-21 January, 2014, Islamabad

Centre for Climate Research and Development (CCRD), Department of Meteorology, COMSATS Institute of Information Technology (CIIT), Pakistan, Potsdam Institute for Climate Impact Research (PIK), Germany and International Centre for Climate and Environment Sciences (ICCES), Institute of Atmospheric Physics (IAP), China are jointly organizing an “*International conference on the Asian monsoon and climate change*”, to be held at CIIT, Islamabad from January 20 to 21, 2014

Asian monsoon is the backbone of the agriculture based economies of the region and directly affects the livelihood of people living in this region e.g. about 80% and 65% of the annual rainfall over India and Pakistan occurs during the summer monsoon period, respectively. Monsoon is the one of the most anticipated and economically important climate phenomena. Several research studies have been conducted for understanding the origin, processes and the variability of Asian monsoon system, however the predictability and its related climate anomaly is still a challenging issue. The variation of monsoon system under the changing climate is also a hot topic in climate science. Recent studies have shown that the monsoon rainfall over South-Asia has decreased during the last several decades according to observations. Third Coupled Model Intercomparison Project (CMIP-3) simulations suggest that human-induced climate change will result in increased monsoon precipitation over South Asia, East Asia, and the western Pacific Ocean. Asian Monsoon also displays large variability from intra-seasonal to inter-annual and decadal timescales, indicating the influences of tropical and extra-tropical processes. Furthermore, extremes in the monsoon season affects large populations e.g. approximately one-fifth of Pakistan's total land area came underwater in the 2010 floods.

The conference will provide a forum for researchers from different backgrounds including agriculture, water resources, economic planning etc and forecasters to discuss recent advances and current issues in the monsoon dynamics covering different time scales that are relevant to the forecasts of high-impact weather and climate events in Asian monsoon region. It will also give an opportunity to the students and young researchers to benefit from the talks in the conference.

Call For Papers

For those interested in making an oral or poster presentation, a one-page abstract (size A4) should be sent to conference coordinator. **Dead line:** November 30, 2013

For international participants the conference will cover the local hospitality (hotel, meals, local travel etc)

Conveners

- Dr. Athar Hussain, CCRD, Pakistan
- Dr. Juergen Kropp, PIK, Germany
- Dr. Kalim Ullah, Department of Meteorology, CIIT, Pakistan
- Amb. Shahid Kamal, CCRD, Pakistan
- Dr. Shahina Tariq, Department of Meteorology, CIIT, Pakistan
- Dr. Zhaohui Lin, ICCES, China

Invited Speakers

- List of invited speakers will be updated in the 2nd announcement

Conference Coordinator

Dr. Faisal Saeed Syed
faisalsaeed@comsats.edu.pk

1st announcement

Sponsored by

