

First announcement and call for application and registration

Science and Training Workshop on

Climate Change over the High Mountains of Asia



8-12 October 2018

Pune, India



A science and training workshop on the theme “Climate Change over the High Mountains of Asia (HMA)” is being organized by the Centre for Climate Change Research (CCCR), Indian Institute of Tropical Meteorology (IITM), Pune, during 8-12 October 2018 in partnership with the Ministry of Earth Sciences (MoES), New Delhi, Divecha Centre for Climate Change (DCCC), Indian Institute of Science, Bengaluru and the Monsoon Asia Integrated Research for Sustainability - Future Earth (MAIRS-FE). The overarching goals of this workshop are envisaged towards integrating the regional climate downscaling activities, facilitating cross-fertilization of scientific expertise and engaging the community of Asian scientists for further capacity building pertaining to the HMA. These goals would benefit the development of appropriate inputs for further exploitation of the science-based climate information, with higher-level of confidence using model-based projections and knowledge of regional / local experts, by the Vulnerability, Impact and Adaptation (VIA) community.

Workshop Topics

- * High resolution climate modeling and regional downscaling focusing on the High Mountains of Asia (HMA)
- * Hands-on activities such as analysis of multi-model simulations, interpretation and validation model simulations with historical observations and involving the VIA community through discussions and interactions for effective harnessing of climate change information relating to HMA (including the Hindu Kush Himalayas and the Tibetan Plateau)
- * Assessment of downscaling techniques and their products in HMA region to understand uncertainties accompanying the regional climate projections. It is planned to include downscaled international climate model data for the Asian region, including NASA Earth Exchange Global Daily Downscaled Projections (NEX-GDDP) and IITM Coordinated Regional Downscaling Experiment (CORDEX) program for South Asia
- * Bridging the gaps between end users' needs and climate modeling communities, and meeting the requests of end-users (hydrology, agriculture, water resources, land cover, ecosystem etc.) on downscaled products (definition of data types, formats and resolutions, for vulnerability, impacts and adaptation analysis). Collaborative discussions on applications of downscaled information for the HMA region
- * Training of operational departments and local policy makers and supporting local/regional policy making as well as sustainable development by providing user friendly regional downscaling products

Important Dates

- * Application and registration starts online: 25th June 2018
- * Deadline for workshop application and registration: 31st July 2018
- * Communication to applicants: 16th August 2018
- * Online application and registration: <http://cccr.tropmet.res.in/home/workshop/oct2018/>

About The Host

The Indian Institute of Tropical Meteorology (IITM), established in 1962, is a centre for excellence in basic and applied research in Meteorology and Climate Sciences. IITM is one of the few research institutes in the world dedicated to research on tropical meteorology with state-of-the-art and world-class infrastructure and facilities. The Centre for Climate Change Research (CCCR), established by the Ministry of Earth Sciences, Government of India in the IITM campus aims to understand the Science of Climate Change over the tropics and the South Asian monsoon region to enable improved assessments of regional climate responses to global climate change.