

Joint GEWEX Hydroclimatology Panel and Third Pole Experiment Workshop

Kathmandu, Nepal
17–19 October 2017

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GEWEX and Dr. Ailikun, Director of the International Programme Office of the Third Pole Experiment (TPE), organized the Joint GHP-TPE Workshop with local support from the Tribhuvan University of Kathmandu. TPE and Nepali scientists presented their research on the energy and water cycles of the Tibetan Plateau. The GEWEX Hydroclimatology Panel (GHP) members and representatives communicated the status of their Regional Hydroclimate Projects (RHPs), Crosscutting Projects (CCs) and Data Centers related to this region. The joint workshop provided TPE, Nepali scientists and GHP the opportunity to strengthen links between related research.

The status of ongoing activities was presented at the GHP meeting, which took place in three afternoon sessions. The Hydrological cycle in the Mediterranean Experiment (HyMeX) and the Changing Cold Regions Network (CCRN) RHPs, respectively studying the Mediterranean Basin and cold regions in Canada, are steadily progressing and generating new actions for the coming years. Baltic Earth continues the research started by The Baltic Sea Experiment (BALTEX) two decades ago and has applied to GHP to be a full, working RHP. Two RHPs continue their development as initiating RHPs, the Australian Energy and Water Exchanges (OzEWEX) Project and the Hydrology of Lake Victoria Basin (HyVic) in Eastern Africa. PannEx, the prospective RHP centered in the Pannonian Basin in Europe, presented its white book and science and implementation plan for approval and has applied

for initiating RHP status. Three GHP Crosscutting Projects, the International Network for Alpine Catchment Hydrology (INARCH) on mountain hydrology, the Intelligent use of climate models for adaptation to non-Stationary hydrological Extremes (INTENSE) program on sub-daily precipitation and Precipitation Near 0°C in cold/shoulder environments, show significant advances. Current activities in the global Data Centers were presented for the Global Runoff Data Centre (GRDC), the International Data Centre on Hydrology of Lakes and Reservoirs (HYDROLARE) and the Global Precipitation Climatology Centre (GPCC).

New initiatives were proposed, including a joint TPE/GEWEX crosscutting action on water security in the Third Pole. A study on the water cycle in the Andean region of South America may take the form of an RHP in the near future. A new CC related to water management in models will explore anthropic actions in numerical models.

The increase in the networking activities by the RHPs was positively received; however, it was noted that such activities should not delay the obligation of the RHPs to fulfill and report on their progress towards addressing the GEWEX Science Questions and detailing the regional aspects of each RHP. CCs that are on their third and final year were encouraged to apply to GHP for a continuation. More outreach activities related to GEWEX activities are encouraged, especially those attracting young researchers through workshops and special projects.

In addition, other cohesive ventures between the GHP activities were suggested, such as organizing RHP events, increasing the organization of Coordinated Regional Climate Downscaling Experiment (CORDEX) activities among RHPs and promoting GHP undertakings related to the United Nations Sustainable Development Goals or that result in peer reviewed publications.

Conclusions from the meeting will be presented to the GEWEX Scientific Steering Group at its 30th session in early 2018.



Participants at the Joint GEWEX/TPE Workshop.