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Water Cycle Observations and IWRM
Session-3

by

Dr. Ghulam Rasul

Chief Meteorologist

Pakistan Meteorological Department

rasul@pmd.gov.pk

Aim and Objective

Basic aim of the Asian and African Water Cycle Initiatives is conversant with IWRM “to maximize the economic and social welfare of the stakeholder communities by addressing the impacts of climate change in a sustainable manner”.

Achievement of this aim would be possible through extensive observations on water cycle, developing usable knowledge, no-regret invests and coordinated efforts.

Data Gaps

- Insufficient hydrological and meteorological In-Situ data Network
- Cryosphere is much behind the atmosphere and hydrosphere
- Limited access to satellite data and unavailability of representative data sets

Initiatives

- AWCI/GEOSS is entering into second phase of Water Cycle Integration
- DIAS is a land mark achievement of AWCI where 20 Asian nations have been contributing with data sharing in 18 river basins
- WMO has recently introduced new initiative on Global Cryospheric Watch
- Geo has made a significant progress during the last decade through GEOSS and data portals

Thank you