Specific Considerations for Water Resources in the Himalaya

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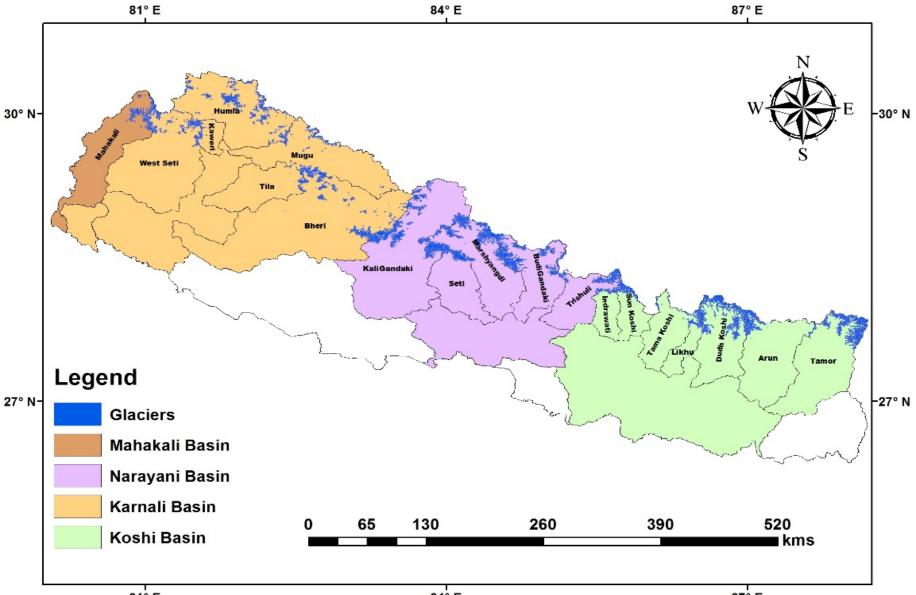
- **1. Recent Activities in Nepal**
- a) Capacity building on cryospheric science (KU)
- **31 young glaciologists produced (4 next yr)**
 - 25 (Nepal), 3 (Pakistan), 2 Afghanistan, 1 (India)
 - 8 are supported by the CHARIS Project
- b) New research sites for glacier and water resources study
 Ponkar Glacier and Dudh Khola basin in Manang dist. (CHARIS)
 c) River basin Plan of Nepal with hydropower and strategic
 environmental and social assessment (WECS, GoN)
 - with special consideration of snow and ice

2. Water resource priority research areas in the Himalaya

- study at least one glacier of all glacierized river
 basins (19 in Nepal)
- water resource potential of small basins (HP, Irri...)
- Glacio-hydrological modeling of sub-basin level and predict future discharge and contributions of snowmelt, icemelt, rain and baseflow in discharge

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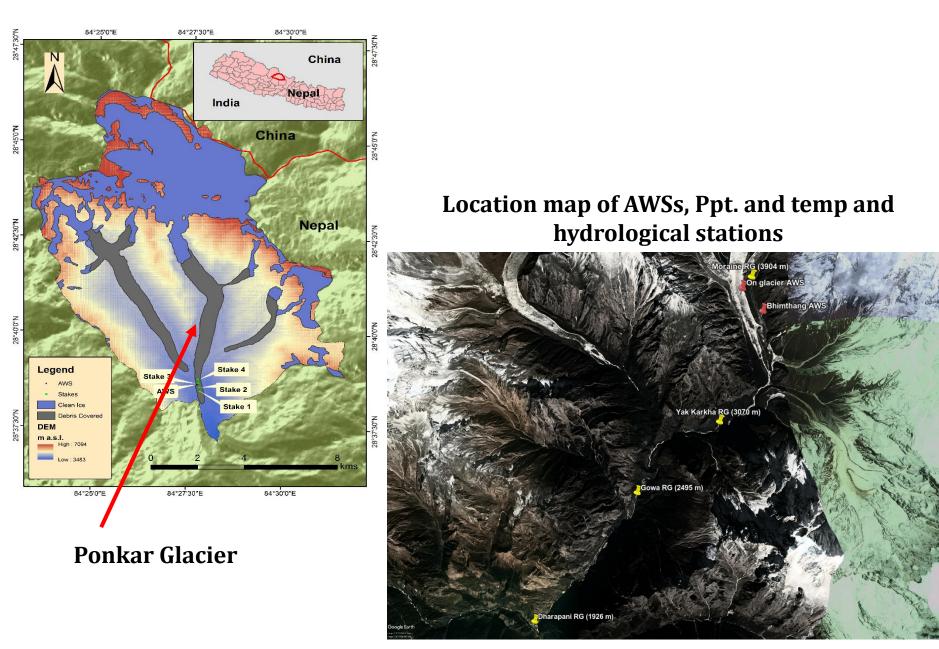
Glacierized-sub river basins of Nepal



81° E

84° E

A New Glacier Research Site; Ponkar Glacier in Manang



Equipment support to KU

Campbell AWS



HyDrone-RCV Portable, Remote Control Survey Boat







GSSI-GPR





Trimble dGPS RTK 10

Water chemistry lab in Bhutan

