

**GOAL:**

***to study multi-scale variability in water and energy cycles in high elevation areas, while improving observation, modeling and data management***

- promote coordinated mechanisms to favor the sharing of high-quality hydrological and meteo-climatic datasets
- promote long-term monitoring of meteo-climatic parameters at high elevations
- understand aerosol impacts on water cycle
- improve hydro-climate forecasting capabilities at high elevations

**CEOP high altitude Reference Sites:**

- ✓ CAMP/Tibet
- ✓ CAMP/Himalayas
- ✓ Pakistan Karakorum Network

**starting development of  
a *global network of HE monitoring stations***



**International high altitude integrated environmental monitoring network :**



- ❖ run by Ev-K2-CNR Committee
- ❖ Europe (Alps, Appenines), Asia (Himalaya-Karakorum), Africa (Uganda)
- ❖ two CEOP-HE Sites already part of SHARE

**Objective:**

- **contribute to the study of climate change impacts and adaptation strategies by providing new and more complete information on climate changes and their local, regional and global consequences available to governments and international agencies.**