

APN Funded Project

ARCP2008-16NMY-Shrestha

Title	Impacts of Global Change on the Dynamics of Snow, Glaciers and Runoff over the Himalayan Mountains and their Consequences for Highland and Downstream Regions
Research Theme	Climate; Use of resources and pathways for sustainable development.; Crosscutting issues and science-policy linkages
Countries Involved	China, India, Nepal, Pakistan
Project Leader	Dr. Kedar Lal Shrestha, Institute for Development and Innovation, NEPAL; Email: klshrestha@wlink.com.np
Summary of Project	<p>This project aims to: 1) assess the impacts of climate change on the dynamics of snow, glaciers and runoff over the Himalayan mountains and their consequences for people's livelihood and the economy and societies in the upland and downstream regions of the Himalayan river system, and; 2) provide much needed science-based information for identifying and implementing adaptation and mitigation strategies for the sustainable development of the regions. The project will: a) follow standardised methodologies and use modern tools; b) work in close partnership with other organisations involved in similar study and research activities like, International Centre for Integrated Mountain Development (ICIMOD), Monsoon Asia Integrated Regional Study (MAIRS), Mountain Research Initiative (MRI), American Cordillera Transect (ACT), Climate and Cryosphere (CLIC), Global Land Ice Measurements from Space (GLIMS), International Human Dimensions Programme (IHDP) etc, so as to deliver best possible results by maximising available resources; c) adopt participatory approach in field studies to capture local knowledge and promote local awareness; and d) interact with the policy-makers and other stakeholders.</p>