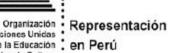




de las Naciones Unidas para la Educación : en Perú la Ciencia y la Cultura .





United Nations Educational, Scientific and Cultural Organization



Hydrological

Programme







Workshop

The Impact of Glacier Retreat in the Andes: International Multidisciplinary Network for Adaptation Strategies

Lima, Peru 29-30 May 2012











Andean Climate Change Interamerican Observatory Network ACCION First Meeting

Santiago, Chile. February 2-3, 2012

Local Information

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Last update: 06-12-2011

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- formación de estudiantes en en temas de cambio climático, glaciología, modelación hidrológica, etc.
- fortalecer el capital humano e institucional
- difundir resultados a y promover el diálogo sobre políticas con los actores a nivel regional

Participating Countries:

Colombia, Ecuador, Peru, Chile

Goals:

The goal of this program is to enhance capacity building at both the scientific and the communications levels in our target countries so as to catalyze networking and strengthen simultaneously local research institutions and policy making in these countries. The ACCIÓN Program will result in a sustainable network of local scientists and stakeholders that can translate and implement the latest scientific results into on-the-ground adaptation measures. The project focuses on three main activities:

- 1) train local scientists, educators, water managers and policy makers:
- 2) provide cutting-edge education for a group of young scientists from the region in climate change and glacier modeling, and
- 3) outreach to affected population segments, industries, water managers and other decision makers in order to promote policy dialogue with local stakeholders, national governments and regional bodies, and to strengthen human and institutional capital.

Overview:

The retreat of glaciers and decreased water availability in paramo environments, coupled with warmer temperatures and enhanced probabilities of drought occurrence, suggests the potential for a severe future water crisis in the tropical Andes. As a response to these documented effects, and to increase the capacity in the Andean region to deal with this crisis in an anticipatory manner, we propose to create the Andean Climate Change Interamerican Observatory Network (ACCIÓN).

Implementing institution:



Financing:







Andean Climate Change Interamerican Observatory Network (ACCIÓN)





Implementing Partners:

- · Centro de Estudios Científicos (CECS), Valdivia Chile
- Departamento de Geofísica, Universidad de Chile Santiago, Chile
- Instituto Geofisico del Peru (IGP), Lima, Peru
- Servicio Nacional de Meteorología e Hídrología (SENAMHI) Lima, Peru
- Consorcio para el Desarrollo Sostenible de la Ecoregion Andina (CONDESAN), Lima, Peru and Quito, Ecuador
- UNESCO-International Hydrologic Program (IHP), Paris, France
- Imperial College London, UK
- University of Innsbruck, Innsbruck, Austria
- University of Zuerich, Zuerich, Switzerland

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la Ciencia y la Cultura















ACCIÓN activities include: Training courses for Andean glaciologists



ACCIÓN/CECS/UNESCO glaciology training workshop, Valdivia - Chile, Sept. 2012





ACCIÓN



Activities include: Capacity building in Andean countries



ACCIÓN/UNESCO climate change summer school at SENAMHI, Lima, Peru, Sept. 2013









Impacts of Global Climate Change on Snow, Glaciers and Water Resources in the Andes: Policy recommendations for Adaptation Strategies

Quito, Ecuador, 20-21 November, 2013



- coordinate adaptation and research activities
- reduce redundancies
- enhance regional cooperation & and take advantage of existing synergies





Activities include: Networking with regional partners to coordinate adaptation activities







- 1. Prioritizing scientific research for developing adaptation policies
- 2. Policy needs and gaps to address vulnerability (environmental and non-environmental) challenges in the Andean Region
- 3. Education and curriculum needs
- 4. Best Practices in local adaptation projects







Here we are – 4 years later

Coordination Meeting

The Impact of Glacier Retreat in the Andes: International Multidisciplinary Network for Adaptation Strategies
3-4 September, Santiago, Chile

Goals of workshop (from UNESCO / ACCION viewpoint)

What has been achieved? What needs to be improved?

Where can science-policy dialogue be strengthened?

How can network coordination between partners be further strengthened?

Updates on new initiatives?