

Anticipatory Action in the Andes (AA-Andes)

Strengthening community resilience to hydrometeorological hazards in the Andes

Peru, Bolivia, Ecuador



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Embassy of Switzerland in Peru

Regional Hub Lima SDC

Theme

Disaster Risk Management (Preparedness)

Implementing partners

- Practical Action
- Red Cross Climate Center

Other partners

- National Hydrological and Meteorological Services
- Institutions for Civil Defense (at local and national level)
- Zurich Flood Resilience Alliance (ZFRA)

Project objective

The project Acción Anticipatoria en los Andes (Anticipatory Action in the Andes) seeks to strengthen resilience to hydrometeorological hazards in the Andes by strengthening and improving early warning and anticipatory action systems, promoting the development of institutional capacities of national and sub-national governmental actors, taking advantage of existing experiences to scale up their application to different levels.

The project enables a dialogue on anticipatory actions between Peru, Bolivia and Ecuador and contains the collaborative effort of the Zurich Flood Resilience Alliance (ZFRA) and the Swiss Agency for Development and Cooperation (SDC), as well as the expertise of our implementing partners.

Beneficiaries

Communities in four Andean intervention areas, such as the Rimac and Vilcanota river basins in Peru, and the Beni and La Paz areas in the Beni river basin in Bolivia; national hydrometeorological services (SENAMHI Bolivia, SENAMHI Peru, INAMHI Ecuador), national early warning platforms such as the National Early Warning Network (Red Nacional de Alerta Temprana - RENAT) in Peru, and national DRR systems such as VIDECL in Bolivia and INDECI in Peru.

Programmatic alignment

The AA-Andes project is aligned with the thematic pillars "Strengthening disaster risk governance" and "Strengthening the preparedness of partners for response" of the SDC's Disaster Risk Reduction and Rapid Response Programme in Lima.

Budget

Total SDC Contribution: CHF 657'000,00
Total Zurich Foundation: CHF 657'000,00

Duration

01 august 2021 - 30 june 2024



Hydrometeorological hazards (floods, droughts, etc.) cause frequent disasters in the Andean countries of Peru, Bolivia, and Ecuador, affecting more than half a million people each year. Civil defence systems are therefore in a constant state of emergency, responding to emergencies and disasters with limited possibilities to make use of local and global early warning information for anticipatory action.

International actors, such as the International Federation of the Red Cross (IFRC) and the Zurich Flood Resilience Alliance (ZFRA), have invested heavily in making better use of early warning information, enabling humanitarian action before an event occurs and thus reducing the impacts of hazards. However, few efforts have flourished to harness these initiatives linked to Disaster Risk Management (DRM), which should ultimately lead early response (preparedness).

SDC's Disaster Risk Reduction and Rapid Response Programme in Lima aims to fill this gap by building on the cooperation that has existed for many years with governmental DRM actors in the region and by joining ZFRA's funding efforts, thus advancing the anticipatory action agenda in the Andes to be better prepared before a disaster strikes

Intervention strategy

AA-Andes is implemented in synergy with the strategies of ZFRA and the International Federation of Red Cross and Red Crescent Societies' Climate Centre, that reinforce anticipatory action through low-cost community-based early warning systems and forecast-based action. SDC has been supporting these initiatives, advocating through national platforms (RENAT and the Humanitarian Network), steering proactive action with national actors, and supporting regional dialogue among Andean countries.

The project's intervention strategy follows three levels of advocacy:

1. Steering anticipatory action protocols in different river basins of the Andean territory.
2. Strengthening municipal and national early warning platforms through technical assistance.
3. Providing coordination between Andean countries.

In addition, gaps in existing financing instruments for the Andean population and sub-national governments will be identified, and a strategy for the promotion of complementary mechanisms will be developed.

Expected outcomes

Advocacy regarding the efficacy of anticipatory action by providing further evidence of its effectiveness and the promotion of the integration of anticipatory action approaches by governmental DRM systems and actors, without neglecting prevention activities. The joint outcomes of the AA-Andes project are:

Outcome 1:

Improve resilience practices to hydrometeorological hazards with a focus on anticipatory action.

Outcome 2:

Strengthen policy at global, regional, national, or local level for resilience to hydrometeorological hazards, focusing on anticipatory action.

Outcome 3:

Increase funding for resilience to hydrometeorological hazards with a focus on anticipatory action.

Practices on anticipatory action are scaled up through municipal and national platforms on early warning, DRR financial and policy instruments, and regional exchange between Andean countries during dialogue platforms.

Links of interest

The Zurich Flood Resilience Alliance

<https://floodresilience.net/zurich-flood-resilience-alliance/>

Climate Centre

<https://www.climatecentre.org/>

Anticipatory action of IFRC in the world

<https://www.anticipation-hub.org/experience/anticipatory-action-in-the-world/>

Practical Action

<https://practicalaction.org/>



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