

Climandes

Servicios Climáticos para el Desarrollo

Improve climate services for the Peruvian Andean zone, through climate-smart agriculture
Train meteorologist, a fundamental human resource responsible for generating climate services.

Through the CLIMANDES project, SENAMHI and MeteoSwiss join forces to promote science-based, user-tailored climate information and prediction in four priority areas - among which agriculture and food security. Fed into planning, policy and practice level, this enables better management of and adaptation to the risks arising from climate variability and change on the global, regional and national scale.



Weather station lies about 3'800 m a.s.l. in Cabanillas district, Puno region, Peru

ACTIVITIES 2016

- Precipitation and drought monitoring.
- Prototype seasonal forecast for the Andean region.
- Scientific publications on tools and climate services.
- Training for professional meteorologists.
- Study "Socio-economic vulnerability and the potential of user-tailored climate services for the Andean Highlands"



Focus group with quinoa producers in Paucarcolla district, Puno region, Peru.



Study area: Puno region - Peru.



Sample: 726 producers of quinoa.



Interview topics

- Agricultural production
- Exposure to agro-climatic risks and management strategies
- Use of climate information
- Potential for climate services
- Socioeconomic characteristics.

The results will be evaluated by the economic model Stochastic Life Cycle Model.



Interview with quinoa producers in Zepita district, Puno region, Peru

PROSPECTIVE 2017 – 2018

- Adaptation of e-learning tools to climate services.
- Stakeholder Mapping of the agricultural and food security sector in the Cusco and Puno region.
- Increase the awareness for climate services and develop capacities to use them to support climate-smart decision making.
- Assess the impact of the use of climate information in strengthening the capabilities of decision-makers.
- Regionalization at llocal, national, and regional-Latin America level.

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Servicios Climáticos para los Andes.

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SERVICIO NACIONAL DE METEOROLOGÍA E HIDROLOGÍA DEL PERÚ