



RESEARCH STATION "AGUA Y PÁRAMO"

Knowledge at the service of investment in natural infrastructure

Concept and objectives

Stockholm WWWeek, 28 August 2018

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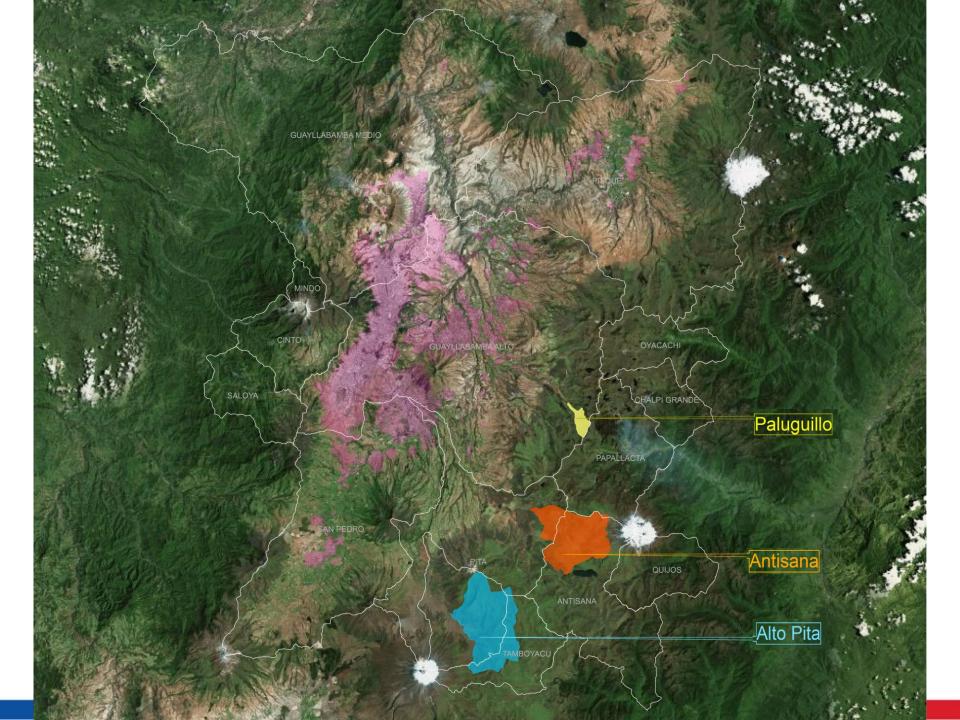
CONTEXT

EPMAPS & FONAG

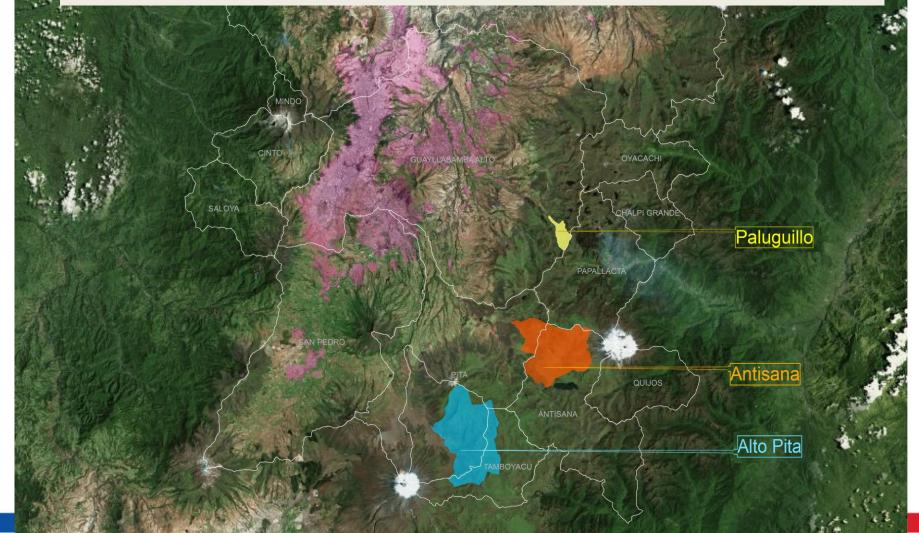
- Needs evidence-based decision making
- Gap between management and research
- 20.000 hectares of own land for conservation and restoration

Researchers

- Limitations in our understanding of ecosystems
- Isolated efforts and duplication
- Existing research is not systematized and capitalized, as a basis for future research



This Research Station is NOT a building on a single location. It is about movilizing research, promoting agenda, for our own use and use of many others, taking advantage of our own land.



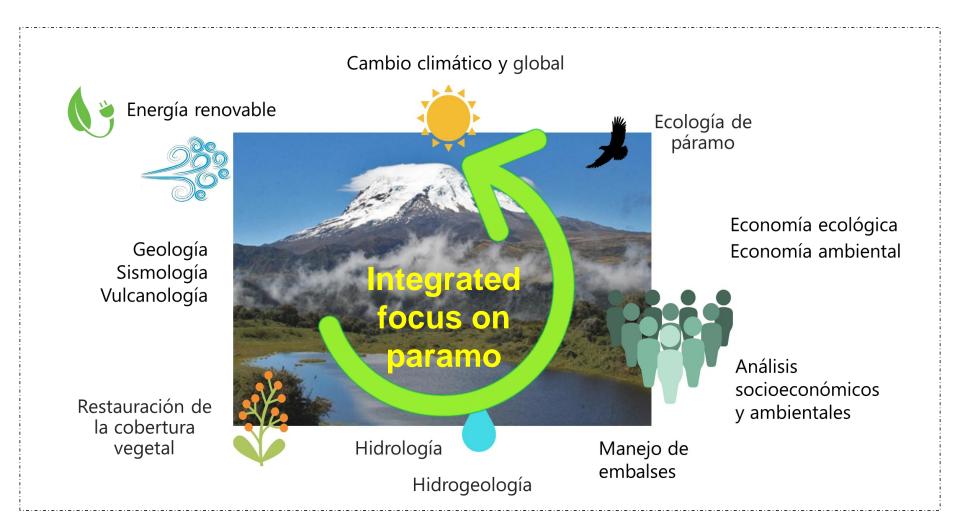
Goal

Develop research projects and knowledge generation on Páramo-water relation, for decision making

Objectives

- 1- Improve understanding of paramo ecosystem services
- 2- Meet FONAG and EPMAPS scientific information needs
- **3-** Improve research efficiency, providing access to available information
 - **4-** Promote effective application of research results

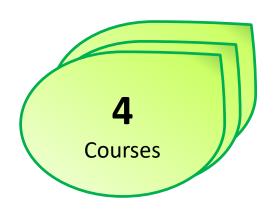
RESEARCH THEMES



Research partnerships and Projects 18 FIGURA 24 SUPERFICIE 3D DEL EMBALSE SALVE FACCHA 2007 research efforts Université catholique de Louvain 815000 815200 815400 815600 815800 816000 816200 816400 816600 816800 Elaborado por: Cabascango Jonathan y Guachamín Daniel ACADÉMIE DE RECHERCHE ET D'ENSEIGNEMENT Modelo InVEST Descripción General (Sharp et al., 2015) · Base física · Espacialmente distribuido (diferentes escalas) · Modelo a escala espaciotemporal y se basa en los principios del balance hídrico, bajo un entorno SIG. Producción Permite: Herramienta geoespacial que permite evaluar los servicios

pour le Développement

Research partnerships and projects



Workshops, Conferences, Training events









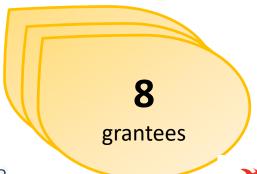
Research partnerships and projects

Conferences, Workshops and **Training**

Grant programme





















Research Partnerships and Projects

Grant Programme

Conferences, Workshops, Training Events

Web Page implementation

Registration and Promotion of

Research effort

Virtual Library online

BENEFITS

- ✓ Optimization of investment in natural infrastructure
- ✓ More complete results at lesser cost
- ✓ Research agenda rather than research projects
- ✓ Own capacity building
- ✓ Preparation of future technical staff in specific thematic niches



CHALLENGES

- ☐ Provide information for research efficiently
- ☐ Promote subjects with very limited offer of research
- ☐ Apply research results correctly
- ☐ Consolidate ourselves as the regional leaders in scientific knowledge dialogue





