



The Global Mountain Program

Cusco, Peru

October 28-29, 2004

The CGIAR

- **Association of over 60 governments and institutions**
- **Purpose: mobilize appropriate science to reduce poverty, ensure food security and protect the environment**
- **8500 scientists and scientific staff**
- **Have trained 75,000 scientists and development workers**
- **15 Centers working on more than 100 countries**

Network of CGIAR Agricultural Research Centers



Ex-situ Conservation



Over 500,000 accessions of more than 3000 crop, trees, forages and pasture species

In-situ Conservation



Community Seed Systems

Variety restoration



Since 1998, 2500 native potato cultivars have been restored to 34 Andean communities

CGIAR and Partners in Mountains

CGIAR response to Chapter 13 of Agenda 21:

- **African Highlands Initiative-ICRAF**
- **CONDESAN-CIP: Andes**
- **ICARDA: Central Asia and Caucasus**
- **ICIMOD: Hindu-Kush Himalayas**
- **Global Mountain Program: CGIAR umbrella program to promote synergies through sharing and application of knowledge on sustainable agriculture and integrated natural resource management in mountains. Initially funded by Switzerland and Canada**

The Challenge

Poverty

Vulnerability



Natural resources
deterioration



Resilience



Knowledge



Poverty reduction



Food security



Environmental enhancement



GMP Objectives

General: Use science-based solutions to foster sustainable mountain development

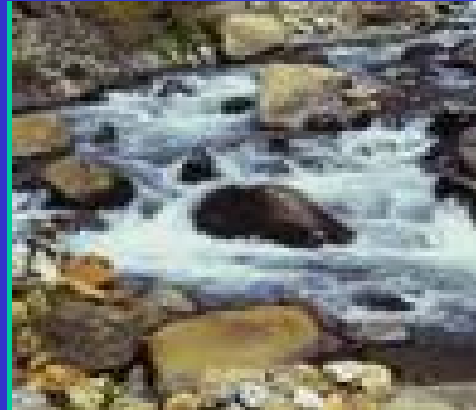
Specific Objectives:

- **Improve the well-being of mountain dwellers by enhancing food and economic security**
- **Assess rural livelihoods and mountain environmental services**
- **Promote conservation and use of biodiversity**
- **Facilitate better-informed and participatory policy-making in mountains**
- **Promote the Mountain Agenda as stated in Agenda 21**

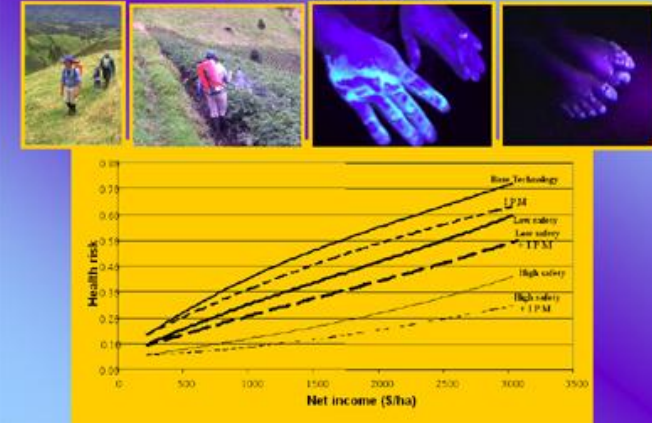
Main Results



People's centered
Participatory planning



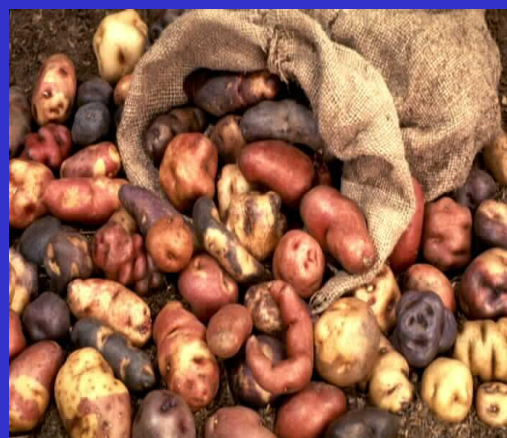
Water
Water forum:
CONDESAN



Integrating Agriculture and
Human Health: Ecuador



Characterization and utilization of
Biodiversity-Adding value: Puno



Transregional watershed
analysis: Andes-Himalayas

Main results

- **Toolbox for decision making in NRM**
- **GIS databases and dynamic maps (Africa)**
- **Compendium of technologies for agricultural intensification (Africa)**
- **Land policies and degradation (Himalayas, Africa)**
- **Fellowship Program: training of 4 PhDs Himalayas**

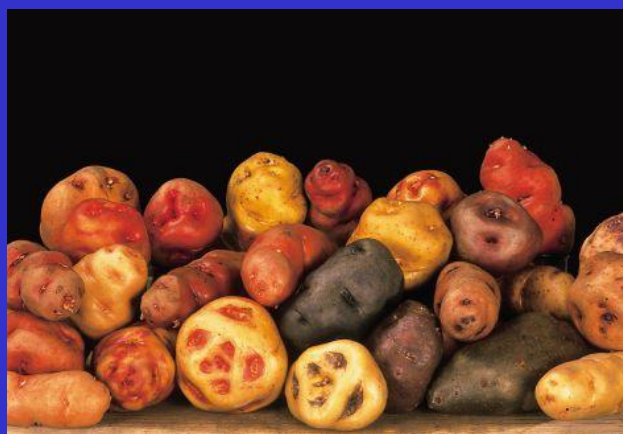


Activities with partners for 2004-2005

- **Sub-Saharan Africa- Funded by Canada**
 - **Case studies: Improvement of farming systems.**
 - **Linkages with development projects (Information). ICRAF-Mountain Forum**
 - **Proposal development: Linking farmers to markets: Papandina model**
- **Latin America-Funded by Spain**
 - **Meeting of Mountain projects.**
 - **Support to INIA projects: Mexico, Costa Rica, Ecuador, Peru. Iberoamerican System**
 - **Training and Technical Assistance. CIP-CIMMYT**
 - **Information exchange: INFOANDINA-CONDESAN**

Activities with partners for 2004-2005

- **National Working Group on Mountain Ecosystems (Peru). Cusco meeting**
- **South Asia**
 - **Proposal development: Himalayas/Andes. ICIMOD**
- **Central Asia and the Caucasus**
 - **Proposal development. ICARDA**
- **Global**
 - **SARD-M. FAO-Partners**





**Looking forward to
contributing with the
Mountain Partnership
Goals through
concrete actions**