



**CONDESAN**

Consortio para el Desarrollo Sostenible  
de la Ecorregión Andina

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# Climate Change action in developing countries with fragile mountainous ecosystems from a sub-regional perspective

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# (1) Global project overview



**Duration:** 2014-2017, Total: 1.75 Mio. EUR co-financed by Austria (UNFCCC FSF)

## Objectives:

Support to mountainous developing countries to integrate mountain specific climate change adaptation into relevant development policies/plans/strategies  
□ from a sub-regional perspective

Understand climate change vulnerabilities and impacts (synthesize information)

Analysis of relevant policies and frameworks and bottlenecks

Trigger policy action from a sub-regional perspective

Inter-regional exchange of experiences with other mountain regions.





## Main Outputs:

- Participatory assessments (synthesis) related to climate change and adaptation
- Establish (inter)-regional cooperation platforms and support development/review of sub-regional climate change action plans/strategic agendas etc. in context of relevant institutional mechanisms





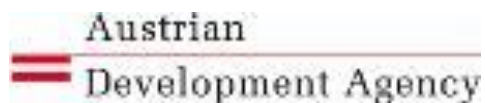
Geographically, the project targets mountain areas in five sub-regions:

1. East Africa
2. (Tropical) Andes
3. Dinaric Arc and Balkans
4. (South) Caucasus
5. Central Asia





## Global Partners



## Regional Partners

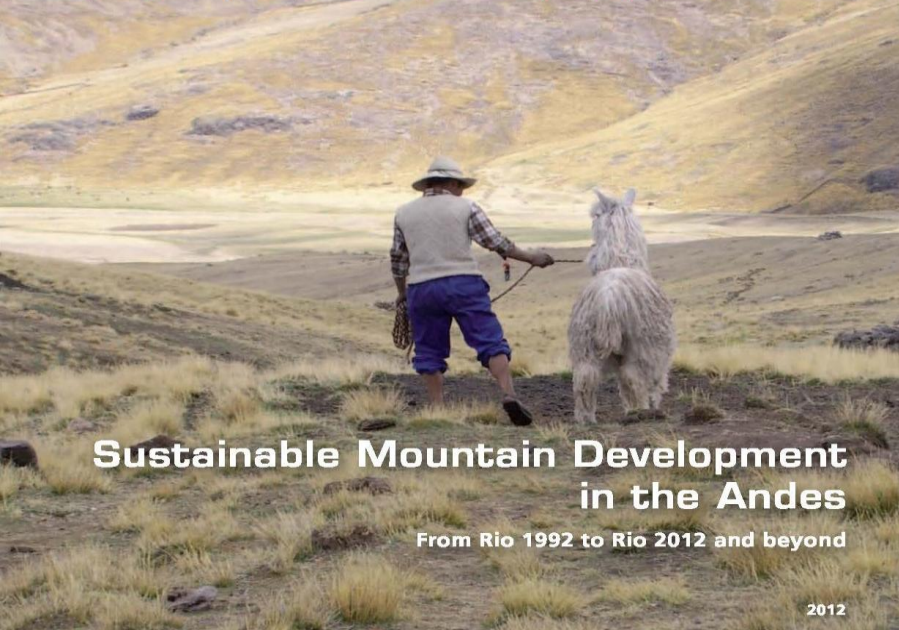




## (2) First phase: sub-regional outlooks

- Collection and analysis of sub-region-specific existing information related to climate change impacts, risks and vulnerabilities in the targeted mountain areas.
- This information will be synthesized from available literature, case studies and existing vulnerability assessments. Particular attention will be given to the latest findings in climate change research at subregional scale.



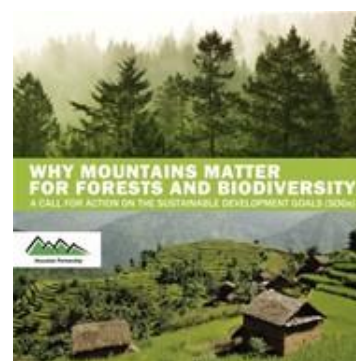
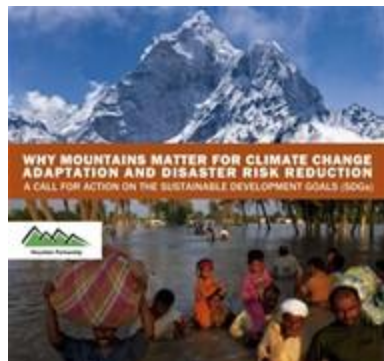


## Sustainable Mountain Development in the Andes

From Rio 1992 to Rio 2012 and beyond

2012

# Selected relevant publications







- Assess and evaluate the existing climate change adaptation responses in each sub-region, including the assessment of relevant existing national plans, strategies and policies.
- This will be further complemented by an evaluation of adaptation best practices, and a gap analysis to identify priority areas for future action in identified key sectors.





- This will result in a set of recommendations for integrating climate change adaptation into sustainable development plans of each sub-region.
- Stakeholder participation will be of key importance to collect all the information for phase one: governmental experts from each country in the sub-region and specialized scientists will be invited to participate.



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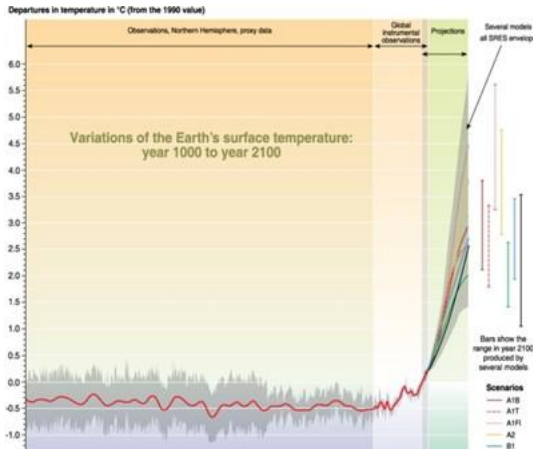


- The result of this first phase will be a participatory Outlook on Adaptation Responses to Climate Change for each sub-region.



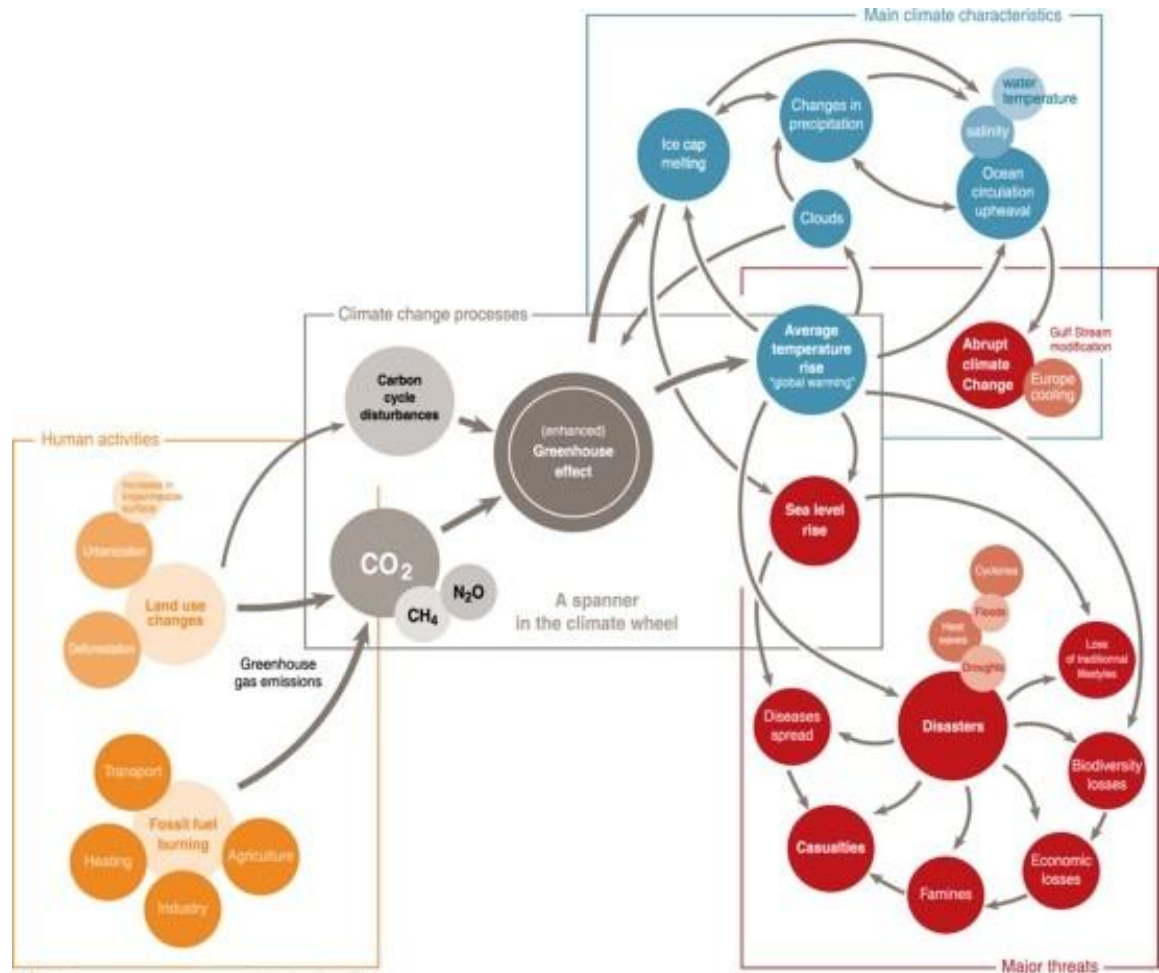
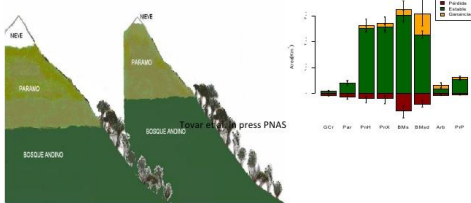
# Objectives of the Outlooks

- State and trends of climate change
- Vulnerability of mountain ecosystems to climate change
- Climate change adaptation policies and strategies
- Policy gap analysis
- Priority areas for future action



## Impacts of climate change

- Biomes – vertical shifts (higher biomes only loose, lower ones loose and gain)



# Key sectors/issues

- Environmental systems and its services: (such as water resources, forest resources, biodiversity),
- Economic sectors (such as agriculture, energy, services, communications, tourism, sports and culture),
- Human impacts (human health, migration etc.)



# Inventory of adaptive responses and gap analysis

- Inventory will target climate change adaptation and resilience building from practical to political analyses
- Is society's adaptive capacity:
  - Are policies and other instruments forward looking? (estimation of future climatic risks)
  - Are policies actionable in relationship to institutional and budgetary capacities? (if good practices can be found)
  - Are actions cross-sector related?
  - What is extent to which the adaptive capacity addresses the 7 IPCC criteria

Recommendations for integrating adaptation into development planning



## (3) Next steps

- The second phase is intended to generate Policy action based on the scientific and participatory information gathered in Phase 1 and will focus on achieving a common understanding with regards to sub-regional cooperation between the countries concerned.





- Within the second phase, different stakeholders such as NGOs, scientists and governmental experts will come together to share information, identify the most relevant key sectors for policy action, and analyze institutional and sub-regional conditions as a step towards trans-boundary cooperation to address adaptation to climate change.
- Commonly agreed objectives and best practice strategies from other areas will support national efforts to integrate climate change adaptation in relevant policies and strategies.







- The third phase is devoted to the further sharing of these experiences and information with other mountain regions (not targeted through this project) and to communicate mountain trends and formulate policy action at the global level through relevant global processes such as UNFCCC, CBD, Global Adaptation Network, REGATTA, World Mountain Forum).





**GRACIAS**

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**diversidad**,  
desde nuestro **saber**,  
en armonía con el **ambiente**.



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