



BRIDGES IN THE ANDES:

Transiting Towards Sustainability

December 8-10, 2021

**CONCEPT
DOCUMENT**



<http://puentesenlosandes.condesan.org/>

BACKGROUND

The Andes mountains spread over more than 4,000 miles and cover more than 200 million hectares, fulfilling a strategic role, both at the regional and global levels for their exceptional natural and cultural diversity, and for being living spaces and delivering ecosystem services for more than 70 million people on the continent.

The presence of the Andes Mountains represents an opportunity for the countries that share this mountain chain, to build an integrated management strategy for the socio-ecosystems which are the basis of the development processes of our societies, both at a local scale, as well as at a national and regional scales. The coordinated work is the basis for promoting sustainable transformation processes, based on an effective synthesis of scientific and traditional knowledge, an open dialogue between actors and the strengthening of governance at all levels.

The International Mountain Day, to be celebrated next December, is an excellent setting to analyze the most important advances made in the generation of knowledge, the formulation of policies and sustainable management in the Andes, but also to discuss about the enormous challenges we continue

to face. One of the main challenges is to understand the implications of the interaction of climate change and changes in land use regarding the design of integrated management strategies of socio-ecosystems and their transition towards more sustainable development trajectories.

CONDESAN, the Humboldt Institute and UNEP propose to celebrate the International Mountain Day with the event Bridges in the Andes: Transiting towards Sustainability, from December 8 to 10, 2021. The event has two sections: a Virtual Conference on Transitions towards Sustainability in Scenarios of Environmental Change in the Andes and the First National Meeting of Experiences on the Integrated Management of Paramos in Colombia.

In preparation of this event, three regional dialogues will be previously developed (September, October and November 2021): the Regional Dialogues for the Integrated Management of Paramos and other High Mountain Ecosystems, which will open exchange spaces of knowledge and innovative experiences on the integrated management of high mountain ecosystems, in the Andes and other regions of the world.



OBJECTIVES AND STRUCTURE

The objective of the event Bridges in the Andes: Transiting towards Sustainability is to create open spaces to promote multi-actor dialogue and count on a broad and transdisciplinary view of the main advances and new challenges for the integrated management of Andean ecosystems, landscapes and societies.

Both the Regional Virtual Conference on Transitions towards Sustainability and the Colombian National Meeting on Paramo Integrated Management will take place between December 8 to 10, 2021, with the installation of four spaces: 1) Keynote Speeches, 2) Academic Sessions, 3) Experience Panels, and 4) Meeting between Peers. The aim of these different gatherings is to involve a wide group of actors, including those who do not specifically have mountain ecosystems in their scope of action, but who through their activities influence their situation and conservation. The idea is to build bridges between sectors that have direct or indirect influence on the management and conservation of Andean socio-ecosystems.

The activities carried out during this event will build on the results of the Regional Dialogues for the Integrated Management of Paramos and other High Mountain Ecosystems, which will take place in September, October and November 2021.



1

Keynote speeches

Invited presentations on the themes of the event, which seek to put inspiring elements on the table and provide motivation for the work in the other planned spaces. The event will present two daily conferences.



2

Academic Sessions

Scientific meetings aimed to present findings and contributions of recent investigations on the themes of the event. Two or more sessions can be held simultaneously each day, organized by the event Organizing Committee or proposed by the participants themselves.



3

Experience Panels

Forums with panelists designed to discuss innovative experiences in sustainable management, highlighting the progress made in recent years and future challenges. Panels will be planned by the Organizing Committee or proposed by the participants themselves.



4

Meetings between peers

Gatherings designed for the exchange of experiences between actors from different sectors, and to analyze their role in the management of mountain socio-ecosystems, discussing challenges, opportunities and promoting collaboration networks.



TOPICS OF THE EVENT

Each day, the event will take place around a general topic, which will serve as an umbrella for the sub-themes that will guide the programming of the Academic Sessions, Experience Panels and Meetings between Peers:

- December 8th: Climate change and ecosystem monitoring.
- December 9th: Multi-actor and multi-level governance in mountain landscapes.
- December 10th: Sustainable land management in mountain landscapes.



SUB-THEMES

Dec 8, 2021

Climate change and ecosystem monitoring

- Monitoring of Andean ecosystems
- Biodiversity and emblematic / exotic / endangered species
- Threats and strategies for conservation and restoration
- Climate change and risk management
- Traditional knowledge systems

- Territorial governance in mountain landscapes
- Strengthening governance around water
- Governance of protected areas
- Migration and mountain landscapes
- Gender and sustainability of mountain communities
- Cultural transformation and sustainable management of mountain ecosystems
- Mountains and their cultural assets as world heritage

Dec 10, 2021

Sustainable land management

- Rural productive systems and new rurality
- Sustainable land management in mountain landscapes
- Productive alternatives and productive transformation in mountains
- Sustainable water management in scenarios of change
- Extractive activities and their impacts on mountain socio-ecosystems
- Alternative, clean and renewable energies
- Sustainable tourism, rural tourism, agrotourism and ecotourism in the mountains

Multi-actor and multi-level governance

Dec 9, 2021

HOW TO PARTICIPATE

It is possible to take part of the Academic Sessions, both as an individual speaker and as a group of researchers who propose the implementation of a complete session, under a defined theme. For the Experience Panels, only proposals for complete meetings will be received, in the same way, under a theme established by the group. The Meetings between Peers will be assembled by the Organizing Committee and the Keynote Speakers will be invited to participate in the conference.

- **Individual presentations of 10 minutes for Academic Session:** this modality is open to persons, associations or work teams who want to make a short presentation on a research advance within the themes of the event. Appli-

cants must send an abstract of maximum 500 words, including the name of the presentation and an executive summary of the progress of the research, highlighting the contribution of the work to the integrated management of high mountain ecosystems.

- **One-hour Academic Session:** four scientific presentations (10 minutes each), structured around a common theme (e.g., ecological restoration). This option is open for local, national and regional investigations. Each session should have a brief introduction followed by the presentations and a final space for discussion. Those interested in proposing complete Academic Sessions should send an

abstract of maximum 800 words in which they include the name of the proposed session, the objectives, the participants (including a moderator) and an executive summary to explain the topics to be discussed, highlighting the contribution of the research for the integrated management of high mountain ecosystems. Academic Sessions can be organized in series if there is the need to do so.

- **One-hour Experience Panel:** it involves a discussion group with panelists who present management experiences around a common theme. The idea is to contribute by generating recommendations for the integrated management of high-mountain ecosystems with local, national or regional panels. Applicants must send an abstract of maximum 800 words, including the name of the proposed thematic panel, the participants (including a coordinator / moderator) and an executive summary that explains the topics to be discussed, highlighting the contribution of the work to the integrated management of high mountain ecosystems. Four presentations per panel are suggested; however, if more

presentations are required, panels can be organized in series.

- Regarding the Meetings between Peers, the Organizing Committee of the event will prepare several meetings to discuss specific issues, with a methodology that allows systematizing the best and most innovative contributions to the integrated management of high mountain ecosystems by particular groups. Meetings could be between:

- Young people
- Local authorities
- Environmental authorities
- Tour operators
- Productive sectors
- Owners of private protected areas
- Communicators
- Others

Descargue [aquí](#) el instructivo de aplicación

Acceda [aquí](#) al formulario de registro



PRELIMINARY PROGRAM

Morning		Morning		Morning		Afternoon		
GENERAL TOPICS	KEYNOTE SPEECHES	ACADEMIC SESSIONS		EXPERIENCE PANELS		MEETINGS BETWEEN PEERS		SUB-THEMES
		Session 1	Session 2	Panel 1	Panel 2	Meeting 1	Meeting 2	
Wednesday, December 8, 2021								
Climate change and ecosystem monitoring	Progress of the "Vanishing Treasures" Program in Asia and Africa, UNEP	Presentation 1	Presentation 1	Presentation 1	Presentation 1	Presentation 1	Presentation 1	<ul style="list-style-type: none">- Monitoring of Andean ecosystems- Biodiversity and emblematic / exotic / endangered species- Threats and strategies for conservation and restoration- Climate change and risk management- Traditional knowledge systems
	Of upward shifts, enrichments and declines: Plant responses to climate change in high mountains, Harald Pauli, GLORIA-Coordination, Austrian Academy of Sciences and BOKU University Vienna	Presentation 2	Presentation 2	Presentation 2	Presentation 2	Presentation 2	Presentation 2	
		Presentation 3	Presentation 3	Presentation 3	Presentation 3	Presentation 3	Presentation 3	
		Presentation 4	Presentation 4	Presentation 4	Presentation 4	Presentation 4	Presentation 4	
Thursday, December 9, 2021								
Multi-actor and multi- level governance in mountain landscapes	Environmental Legislation, Lucía Ruíz, former Vice Minister and former Minister of the Environment of Peru	Presentation 1	Presentation 1	Presentation 1	Presentation 1	Presentation 1	Presentation 1	<ul style="list-style-type: none">- Territorial governance in mountain landscapes- Strengthening governance around water- Governance of protected areas- Migration and mountain landscapes- Gender and sustainability of mountain communities- Cultural transformation and sustainable management of mountain ecosystems- Mountains and their cultural assets as world heritage
	Changes in migration patterns and environmental challenges in the Andes, Soledad Álvarez Velasco, University of Houston	Presentation 2	Presentation 2	Presentation 2	Presentation 2	Presentation 2	Presentation 2	
		Presentation 3	Presentation 3	Presentation 3	Presentation 3	Presentation 3	Presentation 3	
		Presentation 4	Presentation 4	Presentation 4	Presentation 4	Presentation 4	Presentation 4	
Friday, December 10, 2021								
Sustainable land management in mountain landscapes	Agrobiodiversity in Peru, Karl Zimmerer, Pennsylvania State University	Presentation 1	Presentation 1	Presentation 1	Presentation 1	Presentation 1	Presentation 1	<ul style="list-style-type: none">- Rural productive systems and new rurality- Sustainable land management in mountain landscapes- Productive alternatives and productive transformation in mountains- Sustainable water management in scenarios of change- Extractive activities and their impacts on mountain socio-ecosystems- Alternative, clean and renewable energies- Sustainable tourism, rural tourism, agrotourism and ecotourism in the mountains
	New approaches in the restoration of mountain landscapes, Orlando Vargas, National University of Colombia	Presentation 2	Presentation 2	Presentation 2	Presentation 2	Presentation 2	Presentation 2	
		Presentation 3	Presentation 3	Presentation 3	Presentation 3	Presentation 3	Presentation 3	
		Presentation 4	Presentation 4	Presentation 4	Presentation 4	Presentation 4	Presentation 4	
1		2		3		4		



Bridges in the Andes

transiting towards
sustainability

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