

# Colombia

## La Conejera

Terrestrial Domain



“For the national park, glaciers are an essential element of the landscape and play an important role for a balanced water cycle of the Páramo Ecosystem.”

– Hugo Ballesteros, Head Parque Nacional Natural Los Nevados



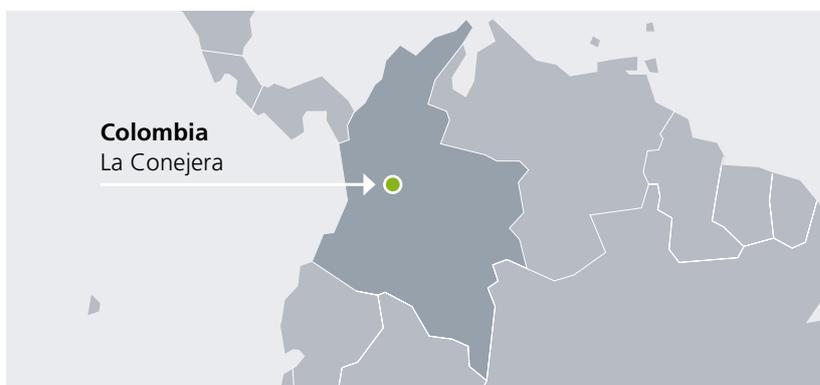
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**CATCOS**   
Capacity Building and Twinning for Climate Observing Systems

Near the Equator, glacier ice melts all year round due to the absence of seasonality. This makes Colombian glaciers particularly suitable to study glacier variability related to climate change. As a matter of fact, the glacier area of Santa Isabel has decreased by 30% over the past 50 years. Mass balance of La Conejera glacier, located on the Santa Isabel volcano, has been continually observed since 2006.



In close collaboration within the CATCOS Project, the Institute for Hydrology, Meteorology and Environmental Studies of Colombia (IDEAM) and the University of Zurich (UZH) continue the glaciological mass balance monitoring at La Conejera and complement it with a terrestrial laser scanning survey of the glacier. The application of suitable measurement techniques allows the submission of high-quality data to the International Data Center, the World Glacier Monitoring Service (WGMS) in Switzerland.

<b>Glacier Name</b>	La Conejera
<b>Mountain Range</b>	Santa Isabel Volcano
<b>Parameter</b>	Glacier mass balance
<b>Monitoring Network</b>	Global Terrestrial Network for Glaciers (GTN-G)
<b>International Data Center</b>	World Glacier Monitoring Service (WGMS)
<b>Training</b>	On-site support and twinning Regional training course in Bolivia

Twinning activities, remote support and on-site training on La Conejera glacier work towards the sustainable continuation of the observations. A regional training course on "Mass Balance Measurements and Analysis" further develops glacier monitoring capacities of local scientists. To raise the awareness about the value of glacier monitoring, obtained data are analyzed scientifically and published in a joint effort between the Colombian and Swiss partner institutions.



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