

International info

a cura di Cecilia Migali

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Ambiente

Nature News: a Cnr scientist on the world's highest mountains

The Italian scientist has participated to build a series of cutting-edge weather stations in the Nepalese Himalayas, allowing her to witness climate change at first hand.

"The Pyramid is jointly run with the Nepal Academy of Science and Technology", says the researcher. "We have training courses to improve the scientific and technical capacity of the local community. A central mission of the Pyramid is to better understand the impact of anthropogenic activities, especially pollutant transport and deposition, on water resources in the region". Other projects include generating a biodiversity inventory and a seed bank for the Nepalese Himalayas and monitoring vegetation responses to climate change.

Scientists will further improve capacity at the Nepal climate observatory-Pyramid by, adding additional instruments for ultraviolet and carbon monoxide measurements. "We are working on a new set of probes and sensors for the South Col station. We are also testing a portable climate station that can take basic meteorological measurements as well as monitor ozone and aerosols. It's completely automatic, doesn't require an external energy source and can be left anywhere for several months. The idea is to have a brief characterization of a place we know little about without having to construct a new station".

[Read the full story](#)

Fonte: Angela Marinoni, Istituto di scienze dell'atmosfera e del clima, Bologna, tel. + 39 051/639 9597, email a.marinoni@isac.cnr.it

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