

# NEPAL CLIMATE UPDATE

Nepal Academy of Science and Technology (NAST)

Nepal Climate Change Knowledge Management Center (NCKMC)

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## Editors' Summary

The conservationists are focusing on small mammals conservation as they are being hard hit by CC while a study on vulnerable communities come up with conclusion to implement policy and programs as soon as possible to develop climate change resilient communities. Hope, implementation of the policies and programs will address the both. The bad news is about a new study that depicted the Himalayas are melting rapidly due to increase in global average temperature. Also, untimely snowfall, wildfires and drying up of wells in the country might be due to climate change but rigorous researches are needed to reach the conclusion.

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## Himalayas warming faster

The study published in the recent issue of 'PLOS One' journal stated that Himalayas are warming about three times faster than the global average temperature during the last 25 year period. The study has covered around 90 percent of the total Himalayan region of Nepal and used satellite based images provided by the US-based National Aeronautic and Space Administration (NASA).

18 May

*The Kathmandu Post*

## Untimely snowfall

Researchers are cogitating on summer snowfall at the Himalayas nearby Pokhara. The Himalayas like Macchapuchre, Annapurna had very little snow at the time of snowfall during winter season.

18 May

*Kantipur*

## NCCKMC Highlight

NCCKMC organized a one-day strategic workshop with an objective to develop the strategic directions for future investment in climate change and development in Nepal. The workshop collated and analyzed the views of participants through SWOT analysis facilitated by an international KM expert Carl Jackson. After conducting rigorous researches on climate change and its impact, 25 young researchers returned back from Manasalu Conservation Area. The researchers are being supported by NCCKMC to conduct their Master's thesis. Meanwhile, they also shared their learning and experiences of field visit amidst a gathering at NAST.

## Meet on glaciers ended

International Centre for Integrated Mountain Development (ICIMOD) organized international conference on Himalayan glaciers with an objective to improve and coordinate cryosphere programs in the region and better contribute to the understanding of water resources and their management. The five-day gathering, 'Cryosphere of the Hindu Kush Himalayas', discussed on recent research on snow, glaciers, glacial hydrology, and capacity building in cryospheric research in the Himalayan region.

19 May

*The Himalayan Times*

## **CC added challenge for small mammal conservation**

In a program on 'Small mammals vulnerable to climate' organized by the Small Mammals Conservation and Research Foundation experts viewed that the conservation of small mammals is challenged by the impact of climate change on these mammals' distribution, habitat and behavior.

*20 May*

*The Kathmandu Post*

## **Call to spotlight on vulnerable communities**

A new study on "Towards climate change resilience building of vulnerable mountain people and local governments" carried out in four VDCS namely Pakarbas, Majuwa, Deurali and Himganga of Ramechhap district concluded that the policies and programs on climate change have failed to address the problems of the vulnerable communities at the grassroots level in the country. The study was carried by the Nepal Academy of Science and Technology (NAST) and Resources Himalaya Foundation (RHF).

*22 May*

*The Kathmandu Post*

## **Wildfires destroyed forests**

Wildfires destroyed hundreds of community and national forests in Dadeldhura and Rasuwa districts.

*25 May*

*The Kathmandu Post*

## **Water tanks getting dry**

Water hand pumps of Nepalgunj has started going dry due to long spell of dry hot weather that shot up the temperature. The hottest town in the nation has highest temperature of 44.2 degree Celsius in summer this year.

*May 29*

*The Rising Nepal*

## **Timely monsoon arrival likely**

Government's weather forecasting agency forecasted that the monsoon rains are expected to arrive on time (June 10) or a few days later. Since last four years, the arrival of the monsoon in the country has been delayed by a week or more. Last year, the monsoon rain had arrived on June 15, around five days late than the normal date.

*30 May*

*The Kathmandu Post*