



# NEPAL CLIMATE UPDATE

Nepal Academy of Science and Technology (NAST)

Nepal Climate Change Knowledge Management Center (NCKMC)

## Editorial

This month, climate change issues are all over Nepal. Climate change threatening our health really matters. The erratic climate has done unjust to the bee-hive keeping business as well as aquaculture. However, desire to reach the destination "Mt. Everest" has far increased, awareness seminar on climate change impacts attract media persons with righteous information on the ongoing changes in different ecosystem. Lastly, enhancement of climate change centre much waited.

Enjoy reading !

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## Message from Vice-Chancellor, NAST

I am delighted to know that NCKMC under the roof of NAST is going to commence e-newsletter regarding climate change and that will surely gives the glances about the research results and information related to it.

Initiation of this e-newsletter is a relevant work and I am quite confident that information gathered in this newsletter will help academically to all the readers as well as broaden the knowledge on different events related to climate change at national and global level.

I especially appreciate the tireless efforts made by editorial team to bring the idea of this newsletter. It is our firm conviction that NAST will march ahead on the path of imparting quality first-hand information on Nepal climate update. Further, I look forward for the betterment and success of this newsletter.

Forests: Nature at your Service

-World Environment Day, 2011

## Editors

**Ramila Raut**

**Pawan K. Neupane**

**Aruna Thapa**

## **Climate change bringing infection**

A book written by Dan Ferber, a senior journalist and Dr. Paul Epstein, an Environmentalist summed up that climate change led to the spread of infectious diseases and respiratory ailments across the globe and contributed to thousands of deaths through heat waves and other extreme weather events. With increment in temperature, habitat of pest that cause infectious disease broaden and that largely target human health as well as wildlife.

*May 15, 2011*

*The Kathmandu Post*

## **Beehive keeping business in peril**

The villagers of Rolpa relied on beehive keeping business for their living and they were running the errand from the earlier but global warming and climate change has affected flowering plants to grow on which bees is dependent. With no flowers, bees cannot feed well resulting local farmers business down and making them in dilemma.

*May 17*

*Gorkhapatra*

## **Pen pushers to observe climate change impact at the Everest peak**

Nine civil servants successfully scaled the Everest peak for the first time in the world. The aim of summiting the highest peak is to promote tourism and gather information on mountaineering and the impact of climate change in the Himalayan region. Their findings are expected to be released soon.

*May 19*

*The Himalayan Times*

## **Communication technologies not far behind**

The UK report presented that global warming bring Wifi Internet access and other communication at risk by reducing the range of wireless communications, causing greater subsidence and damaging underground cables. Though, the impacts of climate change on telecommunications is not well understood, the warmer temperature and more intense storms may cause communications infrastructure to be damaged.

*May 20*

*The Himalayan Times*

## **Climate change-hit getting assistance**

Climate change Relief and Rehabilitation Fund has been set up in Myagdi district to provide relief and emergency aid to the individuals and communities who are affected by the effects of climate change.

*May 20*

*The Kathmandu Post*

## Media awareness on climate sought

Altogether 24 journalists from South Asia had participated in a three-day workshop on 'South Asia Media Workshop on Adaptation to Climate Change'. The workshop was organized with the objective to enhance awareness on the increasing impact of climate change, related vulnerabilities, and strategies for adaptation by mountain and downstream populations through strengthening food, water, energy, and environmental and biodiversity security. This workshop serves as an effective means of providing media persons with necessary information on the ongoing changes in different ecosystem.

*May 21*

*The Kathmandu Post*

## Global warming and food Security

It is the poorest of the poor in the world who will pay the price of global warming as it could adversely affect the production of food grains endangering the food stock security. It will have disastrous consequences for agricultural production and, thereby, for national food security. Nepalese economy is agrarian in nature; hence it would have an even greater adverse effect on our economy. Studies have shown that for every one degree Celsius rise in temperature, wheat yield losses in Nepal will be of the order of tens of thousands of tons. There will be similar effects on rice and other food crops.

Action is particularly important in alternative cropping strategies as Nepal has many agri-climate regions. Seed reserves of alternative crops will have to be built up at the local level. Just as grain reserves are essential for food security, seed reserves are needed for crop security. Community participation in seed, grain, fodder and water banks will have to be encouraged so that the community itself will be able to adapt to new challenges.

*May 22*

*The Rising Nepal*

### CALL FOR PARTICIPATION

June 12-17, 2011. International Summer School in Food Security and Climate Change (FSCC), Organized by University of Pavia Italy, HICAST, Kathmandu and ISAS, Kathmandu. Cost for Participation: NRS: 15,000.00 (Fifteen Thousand only) for Nepali applicants. Euro: €250 for international applicants. Venue: ISAS Seminar Hall in Jawalakhel, Lalitpur. Interaction and seminar with concerned stakeholders will take place in The Hotel Yak Place, Pulchowk, Lalitpur. Deadline for Application: May 31, 2011. Application: Secretariat for Summer School in ISAS, GPO Box: 8975  
e-mail: [isasktm@gmail.com](mailto:isasktm@gmail.com), [www.isas.edu.np](http://www.isas.edu.np), Ph: 5522669/9841-224252

### International Conclave on Climate Change

12-14 October, 2011: Organized by the Center for Climate Change, Engineering Staff College of India with theme "Clean Energy and Energy Security". Call for abstracts is ongoing and the deadline for submission is 30 May, 2011. Details: [www.iccc-esci.com](http://www.iccc-esci.com)

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## **Dry up drinking water sources in Baglung**

At least 19 drinking water sources have been dry up creating adverse circumstances to its local at Dang Tumdada VDC of Baglung district. The ground for it has been presumed to be climate change and rampant construction of roads in the area. Henceforth, community forest users of the village were stepping ahead with different awareness program regarding climate change impacts and discussing different way for disaster reduction to curtail somehow effects. Besides that, they initiated plantation for conserving water sources and had given attention to water sources maintenance.

*May 26*

*Kantipur*

## **Climate change impact on fisheries**

Fisheries and aquaculture in Asia and the Pacific region provide considerable trade, employment and food security in the world contributing to 65% of the world fisheries production. However, experts of capture fisheries and aquaculture feared about the adverse effect of climate change as it may cause unprecedented disruptions to aquatic and coastal systems. Therefore, experts urged Asian countries to pay attention.

*May 29*

*The Himalayan Times*

## **Consultation to upgrade climate change centre**

A consultative meeting with climate change practitioners was organized by the National Academy of Science and Technology (NAST) which has already commenced Nepal Climate Change Knowledge Management Centre (NCKMC). The NCKMC was established at NAST in November 2010 and aims to carry out advanced climate studies and provide climate change knowledge management and learning support to policymakers, researchers, students and the general public. The meeting ended with output of various suggestions provided by the experts and representatives from various institutions.

*May 31*

*The Kathmandu Post*

### **IHP's Climate Change and Water Grant**

Thesis/ Dissertation grant established by UNESCO, IHP and SEN for Master's and Doctoral Students.

Grant Amount: USD 300-500

Deadline :15th June, 2011

For detail information: [www.smallearth.org.np](http://www.smallearth.org.np)