

Dear Colleagues,

Please find below periodic thematic digest on 'Mountain Climate Change', Issue 11 (13 July 2010) from the Asia Pacific Mountain Network (APMN).

Regards,  
APMN team

-----  
**News**  
-----

**1. High above the Earth, Satellites Track Melting Ice**

08 July 2010

Scientists are using increasingly sophisticated satellite technology to measure the extent, thickness, and height of ice, assembling an essential picture of a planet in transition.

The satellites' vision has in effect become sharper, and the data they return richer in detail. Satellites have even managed to transcend light entirely: the GRACE satellite array now routinely measures changes in local gravity resulting from mass losses in ice sheets.

Source: <http://bit.ly/aJCyjp>

**2. Deaf to 'Music Saves Mountains', EPA Approves New Surface Coal Mine**

05 July 2010

The permit for Arch Coal, Inc. in Logan County, West Virginia involves a 760-acre mountaintop removal operation known as the Coal-Mac Pine Creek Surface Mine. The permit was among those applications subject to a stricter permit review guidance imposed by the EPA in April under the Obama administration's effort to reduce environmental impacts from Appalachian surface mining.

Source: <http://bit.ly/91qXtX>

**3. Melting ice fields pose serious threat to water supply in Asia**

05 July 2010

The temperature in Tibet has risen by up to one-third of a degree every 10 years between 1961 and 2008, which is well ahead of the rest of the world, and nowhere is this more obvious than at the Karola glacier. Ice on the Qinghai plateau is retreating at the rate of seven per cent every year. There are fears that in 25 years, 80 per cent of the glacial area in Tibet and surrounding areas could be gone.

Source: <http://bit.ly/aoDBPx>

**4. Mountain protection Label Launched**

04 July 2010

The International Mountaineering Federation have announced plans to draw up a certification system, promoting and protecting sustainable mountain tour operators.

Source: <http://bit.ly/9sP5Fw>

**5. Excess Nitrogen Favors Plants That Respond Poorly to Rising CO<sub>2</sub>**

03 July 2010

As atmospheric carbon dioxide levels rise, so does the pressure on the plant kingdom. The hope among policymakers, scientists and concerned citizens is that plants will absorb some of the extra CO<sub>2</sub> and mitigate the impacts of climate change. For a few decades now, researchers have hypothesized about one major roadblock: nitrogen.

Source: <http://bit.ly/btTRa0>

## **6. International Aid To Tackle Climate Change**

03 July 2010

Nepal has been selected among six countries in the world to undertake pilot programme on scaling up renewable energy in low income countries (SREP) for the first time under multi-lateral development banks' Climate Investment Funds (CIF).

Through Strategic Climate Fund (SCF) under the CIF, Nepal will get funding worth US\$50 million (Rs. 3.71 billion approx.) from the CIF Strategic Climate Fund (SCF) to undertake a transformational programme for renewable energy development in the country.

Source: <http://bit.ly/b6NyKw>

## **7. Report blames India, China for rise in carbon emissions**

02 July 2010

A Dutch environment report has blamed high growth in China and India for the rise in carbon emissions. The agency, which had identified that China's carbon emissions in 2006 had overshoot that of the US, making it the world's largest polluter, attributed the 2009 trend to an offset effect by China and India.

Source: <http://bit.ly/aIAdmr>

## **8. Warmer Lake Tanganyika threatens East African fisheries**

29 June 2010

The warming of Lake Tanganyika over the past century has made the lake less productive — posing a serious threat to fisheries, according to a study. The lake temperatures reached their highest levels in the past few decades, said the authors, something that can be attributed to anthropogenic climate change.

Source: <http://bit.ly/bzm6Nn>

## **9. Global warming makes plants 'sweat' less**

15 June 2010

Climate modeling studies by a team from India and the United States show that plants lose less water when exposed to higher levels of CO<sub>2</sub> — making the surrounding air warmer. Higher CO<sub>2</sub> levels make stomata, tiny pores on plant leaves, open less widely and lose less water through a process called 'transpiration' that cools the surrounding air. Less transpiration means less cooling and this impacts global climate change models.

Source: <http://bit.ly/9kPxfF>

-----  
**Events**  
-----

### **1. 08-11 November 2010**

#### **Drylands, Deserts and Desertification: The Route to Restoration - Call for Abstract**

Deadline: 20 July 2010

The International Conference on Drylands, Deserts and Desertification (DDD) has emerged as an important global gathering of scientists, field workers, industry, government, NGO and international aid agency officials from over 50 countries.

More at: <http://bit.ly/d5Xh53>

## **2. 01-03 September 2010**

### **Climate Change, Health and Ecology Uppsala Sweden; Call for Abstracts**

Deadline: 15 July 2010

An interdisciplinary conference linking research from veterinary and human medicine, ecology and evolution organized by the Climate Centre at the National Veterinary Institute Uppsala, Sweden.

More at: <http://bit.ly/9yKW7J>

## **3. 27 October 2010**

### **ICCCGW 2010: International Conference on Climate Change and Global Warming- Kyoto Japan; Call for proposal/ Abstracts**

Deadline: Rolling

The International Conference on Climate Change and Global Warming aims to bring together academic scientists, leading engineers, industry researchers and scholar students to exchange and share their experiences and research results

More at: <http://bit.ly/9QCDGG>

## **4. 27-29, October 2010**

### **Delhi International Renewable Energy Conference; Call for participation**

Deadline: Rolling

There will be a major Trade Show co-located with the Conference spread over an area of more than 20,000 sq mts. The Trade Show at DIREC 2010 shall be the largest business-to-business exhibition ever held on all renewable energies in India.

More at: <http://bit.ly/ajT6gy>

## **5. 20-24, September 2010**

### **Asia Regional Write-shop to Support Developing Country Publications on Disaster Risk Reduction and Adaptation to Climate Change: 20-24 September 2010, Bangkok, Thailand.**

Application deadline: 31 July 2010

The Stockholm Environment Institute (SEI) and the UN International Strategy for Disaster Reduction (ISDR) are calling for applications from young scholars, practitioners, policymakers, and others from Asia

More at: <http://bit.ly/9LlKNf>

## **6. 26-27, August 2010**

### **1<sup>st</sup> Asia 2k Workshop; Call for Papers Nagoya, JAPAN**

Application deadline: 30 June

The Asia 2k Workshop is the first opportunity to review, correlate and synthesize all individual proxy based findings (tree ring, stalagmite, coral ring, sediment, ice core, historical documents etc.) in the Asian region and surrounding ocean for the past two thousand years.

More at: <http://bit.ly/9jHW3A>

## **7. 13-15, September 2010**

### **2<sup>nd</sup> Global Monsoon Symposium; Tongji University, Shanghai, CHINA**

Application deadline: 31 July 2010-07-13

The symposium will bring together paleo and modern climatologists, data-producers and modelers, for in-depth discussion on the concept of Global Monsoon and its response to external forcing and variability arising from internal feedback processes in the Earth climate.

More at: <http://bit.ly/9xlEKT>

## **9. 20-24, September 2010**

### **Global Expert Workshop on Biodiversity Benefits of REDD-plus, (tentative), Nairobi, KENYA**

Deadline: 10 August 2010

This workshop is being convened by the Secretariat of the CBD with the generous financial support of the government of Germany and in collaboration with the UN REDD Programme.

More at: <http://bit.ly/brSjBS>

---

## **Opportunities**

---

### **1. SIDA's International Training Programme on Climate Change Mitigation and Adaptation in Sweden**

Deadline: 15 July 2010 (for Africa); 22 July 2010 (for MENA Region)

SIDA is supporting eligible candidates to participate in the international training programme on climate change mitigation and adaptation to be held in Sweden and another country

More at: <http://bit.ly/9z9HZj>; (for Africa) <http://bit.ly/cgNm74> (For MENA Region)

### **2. UNFCCC Fellowships to address climate change**

Deadline: 31 July 2010

Small island developing States (SIDS) and least developed countries (LDCs)

The United Nations Framework Convention on Climate Change (UNFCCC) Fellowship Programme provides opportunities to mid-career professionals to build their professional capacities to address climate change

More at: <http://bit.ly/b3hTw5>

### **3. Women's Fund for Peace and Human Rights accepting nominations for the Yayori Award**

Deadline: 31 August 2010

The Japan-based Women's Fund for Peace and Human Rights has launched the Yayori Award to recognize the efforts of women activists, journalists and artists who have been working at the grassroots-level with socially marginalized people

More at: <http://bit.ly/bPkwYL>

### **4. Fellowships for Training Course on Climate Change Adaptation 2011**

Application deadline: 01 September 2010

The aim of this course is for participants to gain full understanding of climate change adaptation concepts.

More at: <http://bit.ly/ankaZr>

### **5. Forestry and Environmental Science – Full PhD Scholarship**

Application deadline: 30 July 2010

The scholarship is open to suitable candidates with first or second class honours (2A) degrees (or equivalent) in a relevant field, available to start immediately.

More at: <http://bit.ly/cb5Fw1>

### **6. Asian Development Bank – Japan Scholarship Program**

Application deadline: Rolling (every year, 6 months before course start)

It aims to provide an opportunity to citizens of ADB's [developing member countries](#), to pursue postgraduate studies in economics, management, science and technology, and other development-related fields.

More at: <http://bit.ly/cOtyau>

### **7. Hubert H. Humphrey Nepal Fellowship Program for Developing Countries**

Application deadline: 16 July 2010

The Humphrey Fellowship Program brings mid-career professionals from developing countries to the United States for one academic year of graduate study and related practical, professional experiences.

More at: <http://bit.ly/amgRPf>

### **8. Vacancy for the position of Senior Scientist on Climate Change and Environmental Services Policy, Vietnam**

Application deadline: 15 July 2010

The World Agroforestry Centre is an independent research institution which generates science-based knowledge about the complex role trees play in agricultural landscapes and rural livelihoods.

More at: <http://bit.ly/cj27DS>

-----  
**Resources**  
-----

**1. A mountain bird's survival guide to climate change; Biology and Nature; Yale University (2010)**

Source: <http://bit.ly/axTBU8>

**2 Climate change and species distributions Ecological Society of America (2008); Earth and climate**

Source: <http://bit.ly/b5OAVj>

**3 Global warming threatens plant diversity; Earth and Climate; University of Bonn (2010)**

Source: <http://bit.ly/9pGwHp>

**4. Proposed mountain alliance Initiatives for Climate change Ministry of Environment, GoN (2010)**

Source: <http://bit.ly/9crD4l>

**5 Unlocking Energy Efficiency in China: A Guide to Partnering with Suppliers**

Source: <http://bit.ly/bWLkMd>

**6. Outdoor Industries Feeling the Heat from Climate Change**

Source: <http://bit.ly/a0xSLv>

**7. Climate Change Impacts on Hazards in the Eastern Himalayas: Climate Change Impact and Vulnerability in the Eastern Himalayas - Technical Report 5 (2010)**

Source: <http://bit.ly/bDOW6A>

**8. Biodiversity in the Eastern Himalayas: Status, Trends and Vulnerability to Climate Change: Climate Change Impact and Vulnerability in the Eastern Himalayas - Technical Report 2 (2010)**

Source: <http://bit.ly/ci2qWa>

**9. Climate Change in the Eastern Himalayas: Observed Trends and Model Projections: Climate Change Impact and Vulnerability in the Eastern Himalayas - Technical Report 1 (2010)**

Source: <http://bit.ly/bA19Oz>

**10. Climate Change Vulnerability of Mountain Ecosystems in the Eastern Himalayas: Climate Change Impact and Vulnerability in the Eastern Himalayas - Synthesis Report (2010)**

Source: <http://bit.ly/9034IE>

**11. Formation of Glacial Lakes in the Hindu Kush-Himalayas and GLOF Risk Assessment (2010)**

Source: <http://bit.ly/9KFXzL>

**12. International Symposium: Benefiting from Earth Observation: Bridging the Data Gap for Adaptation to Climate Change in the Hindu Kush-Himalayan Region (2010)**

Source: <http://bit.ly/9feXpc>

**13. Climate change impacts on the water resources of the Indus Basin: Capacity building, monitoring and assessment for adaptation (2010)**

Source: <http://bit.ly/bTk2cA>

**14. Glacial Lakes and Associated Floods in the Hindu Kush-Himalayas: # 2/10 (2010)**

Source: <http://bit.ly/9GDMXR>