

Dear Colleagues,

Please find below periodic thematic digest on 'Water and Hazard', Issue 12 (29 July 2010), prepared for members of Mountain Forum and Mountain Partnership network.

Regards,  
Asia Pacific Mountain Network (APMN) team

P.S: Compiled links to news, events, opportunities, and resources are regularly updated on our [del.icio.us](http://del.icio.us) page. Please add [apmn.media](http://apmn.media) to your network. More on [del.icio.us](http://del.icio.us) [here](#)

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News

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1. Floods kill 928, cost US\$26 billion in China by July 28  
28 July 2010

China's flood control authorities said on Wednesday that floods this year had left 928 people dead and 477 missing all over China as of 9 am July 28. A total of 875,000 homes had collapsed, 9.61 million people had been evacuated and 8.76 million hectares of crops had been flooded nationwide, according to the SFDH.

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

2. Dhaulagiri zone hit by floods, landslides  
27 July 2010

Headquarters of all four districts in Dhaulagiri zone (North West Nepal) have been cut off from the rest of the district due to landslides and floods following incessant rainfall. Pokhara-Baglung road has been obstructed due to rain while landslide in Armadi of Parvat has left vehicles coming to Myagdi and Baglung districts from different parts of the country stranded. Similarly, vehicles going to Kathmandu, Pokhara, Narayanghat and other parts of the country from Myagdi and Baglung have also been affected.

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

3. Deadly landslide as China rains continue  
27 July 2010

China suffers monsoon-type rains every year but this year's rainfall has been the heaviest in more than a decade. Twenty-one people are missing feared dead after heavy rain triggered a landslide which flattened part of a village in Sichuan, southern China. Recent bad weather has killed 1,250 people in China, government officials say. The economic losses across the country are estimated to be more than \$22bn (£14bn).

Source: <http://bit.ly/aRfZ17>

4. Indonesia's puzzling Banda arc: new findings explain mystery behind geological development  
27 July 2010

The Banda arc -- a gigantic 1,000km long, 180-degree curve in eastern Indonesia -- has puzzled geologists for many years, with much debate and controversy surrounding its complex origin and evolution. A solution to this enigma, resolving many of the previous problems, has finally been found by scientists at Royal Holloway, University of London and Utrecht University, and is published in Nature Geoscience.

Source: <http://bit.ly/baiB5l>

5. Misery stricken flood victims turn ire on government apathy in East Nepal  
26 July 2010

Deprived of adequate relief and support, the people displaced by Sunsari Khola in Sunsari district nearly a week ago are forced to live in dire conditions. The displaced children and women on Monday staged a demonstration with empty plates in hands, mocking the government apathy to miseries the flood has heaped on its victims. They accused local administration of not doing enough for those who lost their shelters in the flood.

Source: <http://bit.ly/90scy2>

6. Are Iowa's 3,300 Dams Safe?  
26 July 2010

Officials are talking about dam safety and inspections following a dam failure in northeastern Iowa (western north-central US) over the weekend. Officials said there are currently 227 dams that require regular inspections. Of those, 74 dams are required to be inspected at least once every two years because their failure could lead to a loss of life. The remaining 153 dams have a five-year inspection frequency because their failure could result in extensive property damage.

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

7. PAKISTAN: Flash floods wreak havoc  
25 July 2010

The UN Office for the Coordination of Humanitarian Affairs (OCHA) said in a 23 July humanitarian update that the worst affected areas have been the northeastern province of Punjab and southwestern province of Balochistan. Flash floods caused by heavy rain since 20 July have killed at least 50 people and affected 50,000 in the worst-hit district of Barkhan, about 350km east of provincial capital Quetta.

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

8. Technique for arsenic-free water developed  
23 July 2010

Now scientists have combined the nanocrystals with graphene-based materials to synthesise a new type of magnetite composite which increases adsorption sites for arsenic and makes the nanoparticles more stable in the environment. This graphene composite is shaken in water for ten minutes, immediately binding to arsenic, which can then be separated from water within a fraction of a minute using handheld magnets or filters.

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

9. Sea-bed structure affects tsunami size, study finds  
20 July 2010

Researchers from Indonesia and the United Kingdom have found that differences in the structure of the sedimentary rock of the ocean floor could influence the scale of tsunamis caused by earthquakes of similar magnitude.

Source: <http://bit.ly/big7CO>

#### 10. Kansas Heat Wave Has Killed 2,000 Cattle

20 July 2010

The intense heat and humidity that blanketed central Kansas since late last week have killed more than 2,000 cattle and one state official called the heat-related losses the worst in his 17 years on the job. The cattle deaths have overwhelmed rendering plants and some feedlots are burying the carcasses in accordance with state regulations, said Powell.

Source: <http://bit.ly/a8hUvI>

#### 11. MYANMAR: A fragile trust between junta and aid workers

16 July 2010

Soon after floods and landslides killed 68 people and displaced thousands a month ago in western Myanmar, the prime minister and two other ministers went to assess the damage first-hand. They delegated duties for aid delivery. Minister of Social Welfare U Maung Maung Swe met local and international NGOs to brief them on the government response, hear their assessments and “thank [them] for their support”.

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

#### 12. PDC Releases "Disaster Alert" Application for iPhone and iPad Users

15 July 2010

Pacific Disaster Center (PDC) makes information on hazards and disasters, worldwide, available to mobile device users. “Disaster Alert,” a free application published by PDC, gives iPhone and iPad users access to the PDC Active Hazards. The Disaster Alert application provides instant access to visualized data on 12 different hazard types: Drought, Earthquake, Flood, High Surf (Hawaii), High Wind (Hawaii), Man Made, Marine, Storm, Cyclone, Tsunami, Volcano and Wildfire.

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

#### 13. New typhoon leaves 20 dead in Philippines

14 June 2010

Typhoon Conson struck on 13 July, knocking out power for over 40 million people in the main island of Luzon and blowing away shanties in impoverished coastal areas, the country’s National Disaster Coordinating Council (NDCC) reported. According to Maplecroft’s latest Natural Disaster Risk Index (NDRI), the Philippines is ranked ninth out of 229 countries most vulnerable to natural disasters.

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

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Events

#### 1. 11-13, May 2011

2nd International Conference on Disaster Management and Human Health: Reducing Risk, Improving Outcomes; Calls for Papers; Orlando, USA

The second International Conference on Disaster Management has been reconvened following the success of the first meeting held at the Wessex Institute of Technology in the New Forest, UK.

Deadline: Rolling

More at: <http://bit.ly/dbPM24>

2. 17-20, May 2011

Colorado Conference on Earth System Governance: Crossing Boundaries and Building Bridges Colorado State University, Call for Papers; Colorado, USA

This conference is part of a global series organized by the Earth System Governance Project, a ten-year research program under the auspices of the International Human Dimensions Programme on Global Environmental Change (IHDP).

Deadline: 15 August 2010

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

3. 07-10, December 2010

Asia and the Pacific Symposium – Vulnerability Assessments to Natural and Anthropogenic Hazards; Manila, PHILIPPINES

The symposium is expected to enhance the capability and capacity of participants in conducting vulnerability assessment. It shall also serve as venue for exchange of knowledge and initiatives in vulnerability assessment, and to build linkages and achieve synergies. The discussions shall be very useful towards preparing appropriate programmes/projects to deal with the inherent biophysical and socio-institutional characteristics of ecosystems and the stressors of the resources including the impacts of climate change.

Deadline: 30 September 2010

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

4. 07-08, March 2011

International conference on water resources engineering & management 2011; Lahore, Punjab, PAKISTAN

This Conference would provide a great opportunity to engineers, hydrologists, geo-scientists and other professionals engaged in the field of water resources engineering, management & planning, operation to share the experiences.

Deadline: 15 September 2010

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

5. 11-12, November 2010

National Seminar on Sustainable Consumption, Climate Change and Consumers- Towards a Better Future; Delhi, INDIA

The seminar is an attempt to discuss various issues concerning unsustainable consumption on part of the consumers leading to adverse impact on the climate and the role the consumers can play.

Deadline: 31 July 2010

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

6. 12-14, October 2010

International Workshop on ENSO, Decadal Variability and Climate Change in; Call for Paper, SOUTH AMERICA

The El Niño-Southern Oscillation (ENSO) has a profound influence on South American climate. The reasons for the differences seen in South America and in other parts of the world are not fully

understood, but are the subject of intense research in many countries. The workshop aims to review the latest scientific advances on ENSO, decadal variability and Climate Change in South America.

Deadline: 31 July 2010

More at: <http://bit.ly/a94QpH>

7. 04-06, July 2011

4th International Conference on Safety and Security Engineering; Calls for Paper; Antwerp, BELGIUM

This conference covers areas such as crisis management, security engineering, natural disasters and emergencies, terrorism, IT security, man-made hazards, risk management, control, protection and mitigation issues, and many others.

Deadline: Rolling

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

8. 23-25, May 2011

6th International Conference on Sustainable Water Resources Management; Call for Papers; Riverside, California, USA

The sixth International Conference on Water Resources Management will present the more recent technological and scientific developments associated with the management of surface and sub-surface water resources.

Deadline: Rolling

More at: <http://bit.ly/9KeQ5Y>

9. 07-09, September 2011

8th International Conference on Earthquake Resistant Engineering Structures; Call for Papers; Chianciano Terme, ITALY

ERES 2011 is the eighth international conference in the series on Earthquake Resistant Engineering Structures organised by the Wessex Institute of Technology. The meeting provides a unique forum for the discussion of basic and applied research in the various fields of earthquake engineering relevant to the design of structures.

Deadline: Rolling

More at: <http://bit.ly/ds3owC>

10. 23-25, October 2010

International Conference of Disaster Prevention Technology and Management (DPTM-2010); Chongqing, CHINA

Deadline: 31 July 2010

More at: <http://bit.ly/9XOxQ2>

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Opportunities  
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1. European Forest Institute is seeking a procurement expert

The procurement expert will coordinate the procurement of services, goods and works under the EU FLEGT Facility and contribute to achieving the objectives of the EU FLEGT Facility in accordance with the EFI procurement rules. The procurement expert will report to the Operations Manager of the EU FLEGT Facility. The procurement expert will be based at EFI HQ in Joensuu or at the EFI office in Brussels.

Deadline for Application: 23 August 2010

More at: <http://bit.ly/d7eHkr>

2. Monitoring and Evaluation Course at Lusaka, Zambia; 06-10 September 2010

The course helps the participants to determine the relationship between program inputs, activities and outputs as well as the influence of external factors on program performance. It provides tools for improving project and program management. This course aids the participants in determining the results attained by the project activities designed to accomplish goals and objectives.

Deadline for Payments: 20 August 2010

More at: <http://bit.ly/92RuO0>

3. Training Workshop on Community managed disaster risk reduction and climate change;

Naivasha ,KENYA; 08-12, November 2010

The training course aims to provide Field facilitators and other senior managers with skills, concepts and guidelines to train, and deal with emerging disasters and hazards (including climate change) that may affect the outputs of their projects.

Deadline: 30 September 2010

More at: <http://bit.ly/d5C3HP>

4. Certificate in community-based disaster risk reduction online training course; 06 Sep 2010 - 30 Sep 2011; Nairobi, KENYA

The CBDRR course tackles the issues in disaster risk management from a developmental perspective, discusses the issues and problems concerning sustainability, replication/ adaptation of CBDRR practice and integration of risk management plans with government and non-government development plans.

Deadline: 30 July 2010

More at: <http://bit.ly/dnsZG3>

5. AAAS Invites Nominations for the New AAAS Early Career Award for Public Engagement with Science

The award is open to individual "early career" scientists and engineers who have been working in their current field for less than seven years (at a pre-tenure or equivalent level).

Deadline: Not available (Opens from 15 October 2010)

URL: <http://bit.ly/cGOt45>

6. Japan Water Forum Fund

The Japan Water Forum (JWF) is pleased to invite grass-roots organizations in developing countries to apply for the Japan Water Forum Fund 2010.

Deadline: 31 July 2010

More at: <http://bit.ly/asOZz7>

7. Bill and Mellinda Foundations' Access to Learning Award for 2011

Given each year by the foundation's Global Libraries initiative, the Access to Learning Award (ATLA) recognizes the innovative efforts of public libraries or similar organizations outside the United States to connect people to information through free access to computers and the Internet.

Deadline: 30 September 2010

More at: <http://bit.ly/aY6XQN>

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Organisations working on Water and Hazard  
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1. Disaster Research Centre, University of Delaware 166 Graham Hall, Newark, DE 19716, USA  
URL: <http://bit.ly/aitkab>
2. UN International Strategy for Disaster Reduction  
The ISDR aims at building disaster resilient communities by promoting increased awareness of the importance of disaster reduction as an integral component of sustainable development, with the goal of reducing human, social, economic and environmental losses due to natural hazards and related technological and environmental disasters.  
URL: <http://bit.ly/9Amlig>
3. CORD, UK  
CORD helps people affected by violent conflict, rebuild their lives through education and enterprise.  
URL: <http://bit.ly/cj51H1>
4. International Rescue CROPS, UK  
URL: <http://bit.ly/9YCCLu>
5. International Service, UK  
International Service is an international development charity working in Latin America, West Africa and the Middle East.  
It works with some of the world's most vulnerable communities, supporting them in practical ways to combat poverty and oppression.  
URL: <http://bit.ly/c8Vue1>

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Resources  
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1. Information and Tools for Land Managers  
URL: <http://bit.ly/aLi7Bn>
2. Biological Conservation Newsletter  
URL: <http://bit.ly/bSMVbj>
3. Mapping Humboldt County's Tsunami Hazard; Lori Dengler & Jay Patton, Geology Department, Humboldt State University  
URL: <http://bit.ly/dBLlVc>
4. [Natural disasters: the 10 deadliest throughout history](#)  
URL: <http://bit.ly/9PZ5k8>

5. Natural Disasters from National Geography  
URL: <http://bit.ly/avgRdE>
6. Gender and Natural Disasters Fact Sheet - Pan America Health Organisation  
URL: <http://bit.ly/cCFtNn>
7. Asia's Response to Climate Change and Natural Disasters- Implication for an evolving regional architecture- A report of the CSIS Asian Regionalism Initiative  
URL: <http://bit.ly/caUM3K>
8. Natural Disaster Reduction Safer Sustainable Communities: Making Better Decisions about Risk; Paper prepared by Tom Beer (IUGG Commission on Geophysical Risk & Sustainability) and Robert Hamilton (ICSU Committee on Disaster Reduction) 10 April 2002  
URL: <http://bit.ly/bObcie>
9. UNDP in action: Recovery in Kyrgyzstan- Revision Flash Appeal July 2010  
URL: <http://bit.ly/c4sLlJ>
10. Local governments and disaster risk reduction: good practices and lessons learned- 2010  
URL: <http://bit.ly/ahYdQP>
11. Disaster reduction in Africa: ISDR Informs 2009 issue  
URL: <http://bit.ly/d0e0vG>
12. Connect and convince to save lives and reduce disaster impacts  
URL: <http://bit.ly/d8BkeW>
13. Ives, Jack, D; Shrestha, Rajendra B; Mool, Pradeep K (2010); Formation of glacial lakes in the Hindu Kush-Himalayas and GLOF risk assessment; ICIMOD  
URL: <http://bit.ly/9BvPKh>
14. In-depth review of disaster risk reduction in the Kyrgyz Republic (2010)  
URL: <http://bit.ly/91c2JN>
15. Water and disaster: High-Level Expert Panel on Water and Disaster/UNSGAB (2009)  
URL: <http://bit.ly/92LABn>
16. Dekens, J. (2007); Herders of Chitral: The Lost Messengers? Local Knowledge on Disaster Preparedness in Chitral District, Pakistan  
URL: <http://bit.ly/byGwqx>
17. Shrestha, A. B. (2010); Managing Flash Flood Risk in the Himalayas  
URL: <http://bit.ly/bMdCM2>

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