



E-COMMUNIQUÉ

Issue 11
August 2011

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Welcome to your monthly update on the latest in the field of climate change adaptation in Asia, the Pacific, and beyond. A one-stop platform for broadcasting news, views, publications and learning opportunities in the field of adaptation, this newsletter is brought to you by the Regional Climate Change Adaptation Knowledge Platform for Asia (AKP) and Asia Pacific and Adaptation Network (APAN).

We will be happy to spotlight your Climate Change Adaptation (CCA) activities, announcements, events and new initiatives. All you have to do is to send your submissions to info@climateadapt.asia

CALENDAR OF ACTIVITIES

Third International Forum for Sustainable Asia and the Pacific, July 26 to 27, Japan

The IGES and UNU-IAS held the third International Forum for Sustainable Asia and the Pacific (ISAP 2011) in Japan from July 26 to 27. The Forum that focused on the theme, “East Japan Disasters and Rio+20”, attracted around 850 participants from Japan and overseas. The IGES adaptation team contributed to the plenary and expert sessions on “Building Resilient Societies”. Resilience is the capability to deal with catastrophic events such as the ones that hit East Japan with the help of a cohesive natural/environmental, social, and economic response. The sessions took up the issue of building resilient societies to cope with extreme natural disasters and their impacts, while reflecting on the recent disasters such as the quake and tsunami in East Japan, Christchurch earthquake in New Zealand, 2004 tsunami in Indonesia, Hurricane Katrina in 2005, and tropical cyclones in Bangladesh. The discussion covered the role played by communities and institutions, short and long-term responses, land use, coastal planning, and inter-municipality relief to grasp the policy implications of these events in developing resilient societies.



Here is a brief look at the various activities undertaken by Adaptation Knowledge Platform (AKP) and Asia Pacific Adaptation Network (APAN) in August 2011.

14th Meeting of Regional Meteorological Service Directors (RMSD), Aug 8 to 12, Majuro, Marshall Islands

The 14th RMSD meeting was held at Majuro, Marshall Islands, from August 8 to 12. RMSD has been meeting regularly since 1993 to provide a forum for the Met directors from the Pacific to exchange information and



updates about the requirements of National Meteorological Services (NMS) for capacity building, et al. The RMSD is attended by the Directors of NMSs of all Secretariats of the Pacific Regional Environment Programme (SPREP) member countries, and technical agencies in the field of meteorology and climate that work in the region as partners either in development or research. Dr. Puja Sawhney made a presentation regarding APAN,

and its role of APAN in the Asia Pacific region during the session on “Regional Services in Support of Climate Change Adaptation”.

APAN Training Modules Design Workshop (APN project), 10-12 Aug, Bangkok, Thailand

APAN organized a three-day workshop in Bangkok from August 10 to design training modules for the agriculture sector in five countries following the first and second Training Needs Assessment (TNA) meetings held in January and March 2011. The workshop aimed to meet the final objective of the project titled “Scientific Capacity Development of Trainers and Policy-makers for Climate Change Adaptation Planning in the Asia and Pacific” which is funded by the Asia-Pacific Network for Global Change Research (APN). Sixteen participants from the targeted countries, including Bangladesh, Cambodia, Lao PDR, Mongolia and Nepal, worked together to design the training modules under the guidance of training specialists and agricultural experts. The major activities of the workshop included (i) country presentations on the TNA results and findings; (ii) lectures on training methods, training modules design, and agriculture technology for climate change adaptation; (iii) group exercises on identification of training contents, its organization and selection of training methods, training course design, etc.; and (iv) group presentations after exercises followed by discussion and feedback. In addition to the project partners and lecturers, some colleagues from UNEP-Regional Office of Asia and the Pacific, AIT-UNEP Regional Resource Center for Asia and the Pacific, and the Asian Institute of Technology (AIT) also attended and contributed to the discussions.



Asia-Pacific Youth Forum on Climate Actions and Mountain Issues, Aug 8 to 12, Kathmandu, Nepal

The youth forum, attended by 43 youngsters from 17 countries in the Asia-Pacific region, representing diverse geographies, cultural backgrounds and issues, concluded with the launch of two important documents ‘Development’ and the ‘Asia Pacific Youth Position Paper on Rio +20’ in the context of the ongoing debate on ‘Climate Change Adaption’ and ‘Rio +20’ preparation. These two papers were launched on August 12, at a special function held to mark International Youth Day (IYD) that concluded the International Year of Youth (IYY 2010/2011) and ‘Key Message Communication’ session of the Youth Forum.

Ms. Hiromi Inagaki and Ms. Jihyun Kim from AKP, Ajaya Dixit from ISET and Robert Steel from Sustainability Asia led the session “Climate Change Adaptation Knowledge Management and Platforming”, which comprised “An Exercise to Understand Activities of Knowledge Management by all Stakeholders”, “Case Study in Nepal: Knowledge Management Practices at Local Level” and “AKP and APAN’s activities on Knowledge Management for Adapting to Climate Change”.

Organized by the International Centre for Integrated Mountain Development (ICIMOD) through its Asia Pacific Mountain Network (APMN), the event was technically supported by more than a dozen global and Asia Pacific regional initiatives promoting climate and sustainability actions, including Rio+Twenties, Road to Rio +20, UN CSD Youth Caucus, 350.org, Activating Talent in Sustainability (ACTIS), Adaptation Knowledge Platform (AKP), Asia and the Pacific Adaptation Network (APAN), Eco-Singapore, Peace Child International, Schumacher College UK, Sustainability Asia and UNEP TUNZA. For more information, visit <http://www.icimod.org/?q=3279>



Regional Capacity Development and Planning Workshop: Gender and Climate Change, Aug 22 to 26, Bangkok, Thailand

Climate and gender experts from government and civil society took part in this workshop conducted jointly by the United Nations Development Programme (UNDP) and Global Gender and Climate Alliance (GGCA) in partnership with Adaptation Knowledge Platform and the Asia Pacific Adaptation Network, at Amari Watergate Hotel in Bangkok, from August 22 to 26.

Members of Women's Delegate Fund also took part in this event, which focused on developing capacities of national and regional experts and providing technical support to integrate gender considerations into national climate change policies, programs and funding proposals. Besides the Pacific region, other countries under focus included Bangladesh, Cambodia, Nepal, Viet Nam, and Papua New Guinea.

The carefully structured sessions followed by presentation of case studies and media coverage, challenged the participants to work on linked themes such as National Planning and Policy, Adaptation, Disaster Risk Reduction, Mitigation, Natural Resource Management, Forestry and REDD, Climate Change Finance, and Common Standards to facilitate review and development of knowledge products adapted to the region for use by experts, GGCA partners, other practitioners and policy-makers.

Climate Change and Adaptation for Health: Meeting the Challenges, Aug 9 to 10, Queensland, Australia

Asian-Pacific climate change adaptation researchers, public health decision-makers and professionals from Australia, Indonesia, Bangladesh, China, Viet Nam and Tanzania attended the International Forum on "Climate Change and Adaptation for Health: Meeting the Challenges" organized by the Centre for Environment and Population Health, Griffith University, in Queensland from August 9 to 10.

Ms. Roopa Rakshit, Senior Knowledge Management Officer, AKP, made a presentation on "Mobilizing Knowledge for Action toward Disaster management and Adaptation to Climate Change for Health" during the forum.

Keynote speeches, panel discussions and case study presentations hinged on three interrelated themes:

1. Research on climate change and adaptation for health;
2. Integrating climate change responses into healthy and sustainable cities; and
3. Critical factors for successful emergency management with a focus on public health.

The National Climate Change Adaptation Research Facility (NCCARF) also held a symposium on "Preparing for Climate Challenge: A UK Perspective" by Roger Street, Technical Director of the UK Climate Change Impacts Program at Oxford University on August 10. For more information, visit <http://www.griffith.edu.au/environment-planning-architecture/centre-environment-population-health/events/whats-new/climate-change-forum-1st-announcement.pdf>



Seventh Sharing & Learning Seminar: Gender and Adaptation to Climate Change, Aug 26, Bangkok, Thailand

The AKP and APAN along with partners Asian Institute of Technology, CARE, and UNDP, organized a half-day seminar on "Gender and Adaptation to Climate Change". The event was targeted at policy and decision-makers, practitioners, and researchers working in the fields of climate change adaptation, disaster risk reduction, gender issues and development.

Dr. Daisuke Sano, Director, Institute for Global Environmental Strategies (IGES) Regional Center, Thailand welcomed around 110 participants, mainly specialists and experts from various organizations. Eminent speakers and panelists from Asia and the Pacific also enriched the deliberations.



In her opening remarks, Ms. AnnaMaria Oltorp, Head of Development Cooperation Section, Embassy of Sweden, noted a study by the United Kingdom's Department for International Development (DFID) which showed that failure to include women in adaptation at the local, national and regional level contributes to gender inequality and undermines the effectiveness of actions responding to climate change. Meanwhile, she called on participants to avoid the trap of speaking only about women, since "it's about women and men, boys and girls, equally". She expressed hope that the seminar would be a starting point from which the AKP could identify further areas in need of action for integration of gender perspectives in adaptation to climate change.

The keynote address was delivered by the distinguished Ms. Aban Marker Kabraji, Regional Director, International Union for Conservation of Nature (IUCN) Asia, Thailand. In her address, Aban stressed that gender-responsive climate change adaptation

is one of the most important, but at times most marginalized aspects of adaptation. It is good to see that efforts are being made to enhance understanding of this area to better strategize adaptation planning and implementation. It is particularly timely that a seminar on this important topic is taking place in this region, she said. "We are all aware of the increasing evidence of the impact of climate change at the regional level," said Kabraji. As the IPCC (2007) so rightly says, 'the human drama of climate change will largely be played out in Asia, where over 60 per cent of the world's population, around four billion people, lives.'

The event discussed the usefulness of gender in climate change practices in 3 major areas:

1. Awareness of gender-related differences in potential impacts of, and vulnerabilities to, climate change, and their underlying causes.
2. Identification of main gaps, needs and lessons for policy processes initiating gender-responsive Climate Change Adaptation programs and strategies.
3. Improved ideas on how to incorporate gender into climate change adaptation practices.

For more information, visit, <http://www.climateadapt.asia/events/seminars/view/24>

Adieu to Dr.Toshinao Okayama

Dr. Okayama, the coordinator of the Asia Pacific Adaptation Network, concluded his stint with the network in August to resume his new responsibilities with the Ministry of Environment, Japan. Many close partnerships, collaborations and initiatives resulted from the leadership and efforts of Dr Okayama, fondly known as Toshi San. The AKP and APAN bid him farewell and wish him the very best.

Failure to include women in adaptation at the local, national and regional level contributes to gender inequality and undermines the effectiveness of actions responding to climate change... avoid the trap of speaking only about women, since "it's about women and men, boys and girls, equally".



The 2nd Adaptation Forum 2011 Partners Meeting, Aug 4, Bangkok, Thailand

The meeting was held to keep partners engaged in the process of planning and preparing the Adaptation Forum 2011. The discussion was facilitated by Dr. Louis Lebel, Unit for Social and Environmental Research (USER), Chiang Mai. Fifty participants from 26 organizations attended the meeting, and shared their opinion on the upcoming Adaptation Forum 2011. These included ASEAN Regional Center of Excellence on MDGs (ARC-MDG) at AIT, Asian Disaster Preparedness Centre (ADPC), Asian

Institute of Technology - United Nations Environment Programme Regional Resource Centre for Asia and the Pacific (AIT – UNEP RRC.AP), Bangkok Metropolitan Administration (BMA), CARE International, Center for People and Forests (RECOFTC), Center of Excellence on Sustainable Development in the Context of Climate change (SDCC) at AIT, CSR Asia, Food and Agriculture Organization Regional Office for Asia and the Pacific (FAO RAP), Habitat for Humanity, Institute for Global Environmental Strategies (IGES), Institute for Social and Environmental Transition (ISET), International Union for Conservation of Nature (IUCN), Mangroves for the Future (MFF), Media Alliance, National Centres of Competence in Research (NCCR) South Asia Office, Stockholm Environment Institute (SEI), Southeast Asia START regional centre (SEA START), Sustainable Development Foundation (SDF), Sustainable Oceans and Forest through Equitable Development (SOFEDEV), Swedish, International Development Cooperation Agency (SIDA), UN HABITAT, United Nations Development Programme Asia Pacific Regional Centre (UNDP APRC), United Nations Environment Programme Regional Office for Asia and the Pacific (UNEP ROAP), United States Agency for International Development Regional Development Mission for Asia/ Regional Environment Office (USAID RDMA/REO) and World Vision.

The meeting also formally bid farewell to Ms. Karin Isaksson, SENA/ SIDA, and thanked her for her contribution and guidance to the AKP for Asia.



Workshop Proceedings Report: South Asia Media Workshop on Adaptation to Climate Change

Twenty-four media representatives from the South Asian countries of Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and Sri Lanka called for better understanding of the science behind climate change and increased focus on adaptation to climate change. The journalists had an opportunity to network and enhance their knowledge of regional climate change issues at the three-day South Asia Media Workshop on Adaptation to Climate Change, held in Dhulikhel and Kathmandu from May 18 to 20. Organized by the Regional Climate Change Adaptation Knowledge Platform for Asia (AKP), the Asia Pacific Adaptation Network (APAN), and the International Centre for Integrated Mountain Development (ICIMOD) and its Asia Pacific Mountain Network (APMN), the workshop was designed to facilitate awareness raising on the increasing impacts of climate change, related vulnerabilities, and strategies for adaptation by mountain and downstream populations by strengthening food, water,

energy, environmental, and biodiversity security. The workshop also served to bring into focus the upcoming issues and agenda for UNFCCC and RIO+20 conferences and others. For more information, visit, <http://www.climateadapt.asia/events/Workshops%20/view/20>

ANNOUNCEMENTS



ASIA PACIFIC CLIMATE CHANGE ADAPTATION FORUM 2011

The Adaptation Forum 2011 will provide a unique opportunity to share frontline findings and innovations, opportunities and challenges in mainstreaming Climate Change adaptation into development. Building on from Adaptation Forum 2010, the Forum this year aims to focus on "Adaptation in Action" signifying a shift from deliberations to decisions, plans to policies and policies to practices. The interactive Adaptation Forum 2011 will gather adaptation practitioners at global, regional, national, and sub-national levels. They could include government representatives from various line ministries, researchers, practitioners, NGOs, international organizations, regional intergovernmental bodies, youth, media and the private sector. The format will be a diverse range of plenary and keynote sessions, panel discussions, roundtables, thematic side events, market place,

photo & poster exhibitions and a film festival. Sessions will be facilitated by eminent climate scientists, adaptation experts and development planners from the region. Participants are requested to submit an abstract on the theme of Forum2011. For more information, visit <http://www.asiapacificadapt.net/adaptationforum2011/>

How to engage with the Adaptation Forum 2011 Adaptation Forum 2011 E-Register

ALL the participants of the Adaptation Forum 2011 are requested to submit a briefing note about their work related to Climate Change Adaptation that is relevant to the themes of Forum 2011. The submission of the briefing note is mandatory in the registration form. Hence, we request you to prepare your note prior to registration. To download a template of the briefing note, please visit:

<http://www.asiapacificadapt.net/adaptationforum2011/participant-registration>

Please note that applicants will be selected for participation & sponsorships to the Forum 2011 based on the briefing notes submitted by them. The registration deadline is 30 August 2011. For any queries, please contact the Adaptation Forum 2011 Secretariat at info@climateadapt.asia

Market Place

The market place is also organized within the venue of the Adaptation Forum 2011 for participants to showcase their products, services, information and knowledge on climate change adaptation. This will provide a unique opportunity for the exhibitors during the event to display their work, meet with other participants, network and review their publications and products across the region and beyond.

There is no charge for a place in the Market Place, but the Secretariat and Partners reserve the right to decide if a proposed use is appropriate or not for the Adaptation Forum 2011. In order to showcase your product in the Market Place, please send an online request by filling up the registration form to the **Adaptation Forum 2011 Secretariat**. For the Market Place registration, visit <http://www.asiapacificadapt.net/adaptationforum2011/market-place-e-registration-form> and submit your E-Registration form.

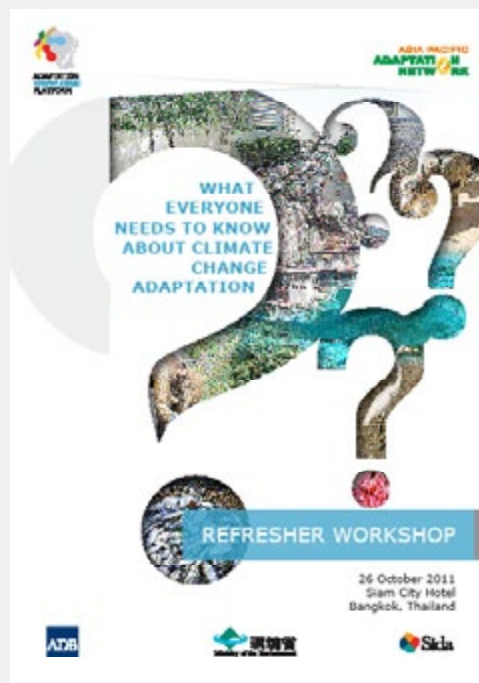
Refresher Workshop: What Everyone Needs to Know about Climate Change Adaptation, 26 October 2011, Siam City Hotel, Bangkok

The workshop is an official activity of the Asia-Pacific Climate Change Adaptation Forum 2011. It is organized and supported by the AKP, APAN and ADB.

The one-day workshop will be held on 26 October 2011, a day before the start of the Adaptation Forum 2011. It is tailored to make the Adaptation Forum 2011 more rewarding and comprehensible for delegates less familiar with, or puzzled by common jargon about climate change adaptation. The workshop will introduce, review and clarify key terms, concepts and arguments related to climate change and adaptation. The interactive format of the workshop will ensure that it not only serves as a primer for first-timers to the Adaptation Forum 2011, but also enriches the experience for veterans and practitioners.

Since there are a limited number of seats available for the workshop, delegates interested in attending are requested to register and confirm attendance with the **Adaptation Forum 2011 Secretariat** by email to info@climateadapt.asia as soon as possible.

- Please note that though the workshop is complimentary, the participants are requested to cover their boarding and lodging for 26 October 2011.
- The workshop will be held at the Siam City Hotel in Bangkok. The Adaptation Forum 2011 organizers are hosting all the delegates at the same hotel.
- Siam City Hotel Website: www.siamhotels.com



Announcement for the Media Community: A Competition for the Best Reports on Adaptation to Climate Change: Open to all Journalists from the Asia-Pacific Region

If you've been telling the exciting story of adaptation to climate change, here is your chance to win an award, and rub shoulders with the movers and shakers in this field.



The Regional Climate Change Adaptation Knowledge Platform for Asia (AKP), the Asia Pacific Adaptation Network (APAN), the Asian Development Bank (ADB) and the Third Pole Project are organizing a competition for the **best media reports on Adaptation to Climate Change**. The shortlisted entries will be showcased on two websites, and the winners will be invited to cover the Asia-Pacific Climate Change Adaptation Forum 2011, which will be held in Bangkok on 27-28 October 2011.

The reports can be in any medium, be it print, web, video or audio. They can be in any language, but non-English entries should be accompanied by a written summary in English. The competition is open to **all journalists in the**

Asia-Pacific region. The entries should have been published or broadcast between 1 September 2010 and 31 August 2011. The deadline for submitting the entries is **23:59:59 GMT on 15 September 2011.**

Shortlisted entries will be featured on <http://www.asiapacificadapt.net/adaptationforum2011> and <http://www.thethirdpole.net> from 20-30 September and every visitor to the Third Pole Project website will have an opportunity to vote for his or her favorite report. The votes will be taken into account while choosing the winning entries. The winning journalists will be invited to cover the Adaptation Forum 2011, which will focus on the theme 'Mainstreaming Adaptation into Development: Adaptation in Action'. The cost of their travel and stay will be borne by the Adaptation Forum 2011 organizers. The initial announcement of the Adaptation Forum 2011, including the provisional agenda, is attached. Please submit your entries through the form at <http://www.asiapacificadapt.net/adaptationforum2011>. If you need any clarification, send an e-mail to info@climateadapt.asia



2011 Adaptation Film Festival

If you've shot a film/video that aptly captures a response to climate change by communities, individuals or organizations, here is your chance to not only share it with others in the field, but also win a prize in the bargain.

The Adaptation Knowledge Platform, the Asia Pacific Adaptation Network and the Asian Development Bank (ADB) in cooperation with the Media Alliance are organizing the **Adaptation Film Festival** at the **Second Asia-Pacific Climate Change Adaptation Forum, 27-28 October 2011, Bangkok, Thailand.**

- The Film Festival is open to individuals and agencies.
- There is no entry fee.
- Entries should capture practices in adaptation, adaptation strategies and capacities.
- The video/film must have been produced before 30 September 2011.
- The total run time of the video/film should not exceed 10 minutes.
- Any video/film in a language other than English must have English subtitles.
- Multiple submissions are acceptable, but the film cannot be submitted separately by multiple entrants.

All entrants must complete the **online application form**, available at the <http://www.asiapacificadapt.net/adaptationforum2011/>

Deadline: Entries must be uploaded on YouTube by 11:59 PM (PST) on Friday, 30 September, 2011. Late entries will not be accepted.



CCA News

Mayor's Summit on DRR Adopts Chengdu Declaration of Action

The UN International Strategy for Disaster Reduction (UN/ISDR) recently announced that 38 parliamentarians from 33 countries have adopted the Chengdu Declaration of Action, a five-point strategy addressing natural resource and environmental management, climate change and disaster risks. The five-point strategy includes enhancing cooperation between cities; incorporating disaster-resilient initiatives into urban development planning; improving disaster preparedness and emergency management of cities; and raising more awareness in cities about DRR. http://www.unisdr.org/files/21326_chengdufinaldeclarationforactionedi.pdf

Make Farming Environment-Friendly

Efforts to feed an extra 2 billion people by mid-century could lead to widespread destruction of forests, wetlands and other natural systems that protect and regulate the world's water, researchers warn. But finding ways to boost agricultural production while protecting nature could produce big benefits, including reduced poverty and hunger, in some of the world's most fragile countries, and hikes in food production that are sustainable beyond 2050. For more information, visit: <http://www.trust.org/alertnet/news/water-systems-at-risk-from-growing-demand-for-food-expert>

Malarial Buzz over Irrigation

Experts have warned that shifts in the world's climate and responses to those shifts, including construction of more irrigation systems, threaten to increase the spread of malaria. For more information, visit: <http://www.trust.org/alertnet/news/malaria-hikes-may-have-link-to-climate-shifts-responses-experts>

Forests Need a Helping Hand

Deforestation is still occurring at an alarming rate in the Asia-Pacific countries despite a slight increase in the overall forest cover. Experts are calling for a more efficient system to put a value on the ecosystem and the services it offers in order to make people put an end to this practice. For more information, visit: <http://www.trust.org/alertnet/news/value-on-ecosystem-services-needed-to-curb-asia-pacific-deforestation-ipcc-chief/>

Community-Based Adaptation to Climate Change - Equator Prize 2012

The Equator Initiative recently announced its call for nominations for the Equator Prize 2012, which will

be awarded to 25 outstanding local initiatives that are working to advance sustainable development solutions for people, nature and resilient communities.

One change of note to the Equator Prize 2012, is a thematic emphasis on 'Community-based Adaptation to Climate Change'. Information on selection criteria for the Equator Prize 2012 is available at www.equatorinitiative.org

Sustainable Sanitation Alliance (SuSanA), Aug 19 to 20, Stockholm, Sweden

SuSanA, an informal network of partner organizations (142 partners as of March 2011) who share a common vision on sustainable sanitation, held a meeting in Stockholm from August 19 to 20, "to discuss its role as a coordination platform, working platform, sounding board, contributor to the policy dialogue on sustainable sanitation and as a "catalyst". <http://sei-international.org/sei-events/details/229-14th-susana-meeting>

SouthEast Asia

New Climate Change Adaptation Project Launched

A new Finnish-funded project to cope with climate change was launched in Ho Chi Minh City on August 4, this year. Hosted by Centre for Cooperation Human Resources Development (C&D) in collaboration with Hanoi-based Centre for Community Capacity Building on Environmental Protection, Centre for Biodiversity Conservation, and Institute of Sustainable Development for the Southern Region, the project aims to strengthen existing networks of NGOs in their efforts to promote capacity building among local communities in Ben Tre and Tra Vinh provinces. These measures include setting up of two information kiosks and a rescue communication centre. These two provinces are located in the Mekong Delta area, which is hit hard by climate change. The project will help Vietnamese NGOs and local communities respond to climate change challenges in a more concerted manner. http://www.scandasia.com/viewNews.php?news_id=9304&code=fi

Project: Hydro-Agronomic-Economic Model for Mekong River Basin and Local Adaptation in Thailand Model Development, April 2010 to Oct 2011, Thailand

The overall objective of this project is to assist the Department of Water Resources, Thailand, in developing policy planning tools for climate change

adaptation in northeastern region of Thailand. The Hydrologic-Agricultural-Economic Model developed under this project will be a hydrological model of the river systems integrated with agricultural and economic models for assessment of climate change impacts under different future scenarios, and to assist in identifying and evaluating adaptation strategies, with special focus on hydrological regime, water usage, agricultural production, and socio-economic conditions. The last workshop in this ongoing project was held on September 27, 2010, where Mott-MacDonald Panya Consultant and SEA START introduced the Hydro-Agronomic-Economic (HAE) Model, a planning tool for climate change impact assessment and adaptation, developed for Department of Water Resource with support from the World Bank. The workshop was organized to introduce the concept and its components to various government agencies. The participants were informed of planning tools for climate change impacts assessment and adaptation. <http://cc.start.or.th/climateChange/p15.html>

Norway Sets Terms for Releasing Grant

The Norwegian Government has said that it will release the second installment of a \$1 billion aid package it had promised to Indonesia to help it slow deforestation and reduce emissions, only once Jakarta sets up two independent bodies to govern forest protection efforts. For more information, visit: <http://www.trust.org/alertnet/news/jakarta-must-set-up-forest-bodies-to-unblock-aid-norway/>

Indigenous Papuans Face another Calamity

An ambitious new food security program proposed by the Indonesian Government is threatening to destroy the forests and ecosystems home to indigenous Papuans, thus dealing another blow to the already marginalized community. For more information, visit: <http://www.trust.org/alertnet/news/indonesia-food-security-project-threatens-papuan-way-of-life-activists/>

Expert Consultations on Integrated Climate Assessment Tool, Aug 8 to 9, Philippines

An expert consultation on the development of a global environment and national information evaluation system for urban impact analysis was held at the ADB HQs from August 8 to 9. IPCC Chair Rajendra Pachauri, in his keynote address via videocon, emphasized that innovative assessment tools are crucial for local policymakers to evaluate options and guide global climate financing. The event was attended by policymakers and experts from Asia and other regions. <http://www.adb.org/>

Seminar for Crafting Climate Change Adaptation Measures, July 18 to 22, University of the Philippines, Diliman Quezon City

The Center for Local and Regional Governance (CLRG) conducted its first "Seminar-Workshop for Crafting Climate Change Adaptation Measures and Strategies" on the campus of University of the Philippines, Diliman. Twenty participants attended the workshop. They were mostly provincial/city/municipal legislators, vice-mayors, and technical staff from all over the Philippines. The objective of the seminar-workshop was to enable the participants to formulate climate change adaptation (CCA) measures and strategies and eventually integrate them into their local development plans as mandated by the country's Climate Change Law of 2009. The CLRG will conduct another seminar-workshop in September 2011. For details, Prof. Ebinezer r. Florano, Ph.D, <http://www.ecogov2.blogspot.com>

South Asia

Bangladesh Plans Rooftop Water Harvesting in New Dhaka Buildings

Alarmed at the fast depleting groundwater levels in the capital of Dhaka and the accompanying shortage of water, the Bangladesh Government is planning to make it mandatory for all new buildings to install a rooftop rainwater harvesting system. Relatively inexpensive, this system will go a long way in helping to recharge groundwater in the city. For more information, visit: <http://www.trust.org/alertnet/news/dhaka-turns-to-rainwater-harvesting-to-ease-water-crisis/>

ICRISAT Meeting Focuses on Building Climate-Resilient Rainfed Agriculture

The International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) and JSW-Time India Earth Care Initiatives 2011 organized a Roundtable on Climate Change and Rainfed Farming Systems that focused on providing sustainable, science-based solutions and pro-poor approaches to climate change adaptation. The roundtable, which took place in Hyderabad, India, on August 16, drew 65 participants representing different stakeholders from India. It aimed to identify adaptation strategies to manage risk and protect livelihoods of small and marginal farmers relying on rainfed agriculture. http://climate-l.iisd.org/news/icrisat-meeting-focuses-on-building-climate-resilient-rainfed-agriculture/?referrer=climate-change-daily-feed&utm_source=lists.iisd.ca&utm_medium=email&utm_campaign=Climate+Change+Daily+Feed+-+18+August+2011+-+Climate+Change+Policy+%26+Practice

Pak Weather Harsh on Mangoes

Increasingly harsh and unpredictable weather is hurting mango production in southern Pakistan, driving farmers to cut down trees in favor of higher-earning crops like cotton, sugarcane and wheat. But the crop switch is reducing the region's tree cover, leading to higher carbon emissions and hotter living conditions for many farmers, as well as a loss of a cultural more in a region where mango growing has long been a way of life. <http://www.trust.org/alertnet/news/pakistans-mango-orchards-disappearing-as-weather-shifts>

Call for Revising NAPA

Villagers and critics alike are calling for revising the Nepal National Adaptation Program of Actions (NAPA) because of its failure to accurately present the glacial lake outburst flood (GLOF) vulnerability index in Humla, one of the remotest districts of the far western region, and respond appropriately to the floods that hit that region every year. The gap in the knowledge bank of glacial lake monitoring is widening, much to the dismay of many living in Nepal, a land of 4,000 glaciers. <http://www.ekantipur.com/the-kathmandu-post/2011/08/11/oped/left-out-in-the-cold/225086.html>

Rising Temperature, Rising Risk in the Hindu Kush

The Hindu Kush region has shown consistent trends of accelerated climate change over the last 100 years. Studies in Nepal and China have shown that there is a definitive increase in temperature in the high altitude areas of the region. This can be corroborated by many receding Himalayan glaciers, permafrost retreat, degraded springs, increased precipitation, higher incidence of natural disasters (GLOFs, flash floods, debris flow), higher incidence of poverty, diseases & deaths, and reduced capability to bear the nature and livelihood stress. The erratic river water flows, longer dry periods, land degradation, reduced moisture retention, changes in forest ecosystems, and upward movement of tree lines at higher elevations are other changes wrought by the rise in temperature. <http://chimalaya.org/2011/08/16/climate-smart-adaptive-social-protection-in-hindu-kush-himalaya/>

'Two glaciers on the verge of disappearance in Nepal'

Japanese researchers, who have been conducting an intensive study of glaciers in the Himalayan country of Nepal, have warned that at least two glaciers are on the verge of disappearance due to the rising temperatures caused by climate change in

the region. For more information, visit: <http://www.thehimalayantimes.com/fullNews.php?headline=Yala%E2%80%9A+AX010+glaciers+on+verge+of+vanish+ng&NewsID=297967>

East Asia**Project: Mainstreaming Adaptation to Climate Change into Water Resources Management and Rural Development, November 2006 to June 2012, China**

The objective of the proposed project is to strengthen the resilience of agricultural development in China to climate change by implementing selected adaptation measures at demonstration sites in the Huang-Huai-Hai (3H) Basin and mainstreaming climate change adaptation into irrigation and water resource management in the wider context of rural development. This will be achieved through the identification and pilot demonstrations of a range of adaptation options in the agricultural sector. These include exploration of alternative water sources; improved efficiency of irrigation; and promotion of alternative (less water-consuming) crops. The project also supports mainstreaming adaptation into national agricultural planning. The Huang-Huai-Hai (3H) Basin is home to more than 400 million people and is China's prime agricultural area. With a high water demand, the region is sensitive to the decreases in stream flows and ground water recharges that are projected as an impact of climate change. At the same time, rising temperatures could increase water demand in the agricultural sector even further, causing major shortages in water and, ultimately, grain which would affect the livelihoods of millions of people. China has accessed the SCCF's resource to implement adaptation measures that will enhance the resilience of agricultural and water development to climate change in the 3H Basin. <http://www.thegef.org/gef/node/2155>

Africa**Drought Leads to Camel Rearing**

In an interesting trend brought about by the changing climate, camel rearing is fast catching up with cattle farming as Kenya's main source of meat as herders struggle to cope up with more frequent droughts, especially in the semi-arid north. <http://www.trust.org/alertnet/news/camel-rises-up-the-menu-in-drought-hit-kenya/>

Mali Farmers Help Themselves

Farmers in a fertile area of central Mali irrigated by the Niger River are replanting forests that are

dwindling due to a shortage of rain, hoping to protect the wildlife on which their livelihood is dependent. This move will also help in sustaining the native fish, birds and hippos.

<http://www.trust.org/alertnet/news/malians-reforest-climate-threatened-delta>

Upcoming CCA Events and Conferences

The 3rd Asia Pacific Housing Forum: Sustainable Shelter in an Age of Climate Change and Disasters, Sept 7 to 9, Bangkok, Thailand

The forum, which takes place once every two years, will be held in Bangkok this September, and will bring together government representatives, NGOs, academics and private companies to share experiences and propose solutions to the large, and growing, problem of inadequate housing. Looking at effective solutions to protect Asia's poor from the effects of natural disasters will be the core theme of the 3rd Asia-Pacific Housing Forum. Some 800 participants, from more than 30 countries, are expected to attend the forum. <http://www.aphousingforum.org/>

Call for Participation in the Regional Workshop on Linking Media and Climate Change, Sept 8 to 10, Pokhara, Nepal

Local Initiatives for Biodiversity, Research and Development (LI-BIRD) is organizing a three day regional workshop on "Linking Media and Climate Change" to empower media on scientific understanding, documenting and reporting of climate change issues and their impacts on Nepal. info@libird.org, klamsal@libird.org

ADB Project and Knowledge Sharing Events on Climate-induced Migration, Sept 13 to 16, Manila, Philippines

In line with ADB's technical assistance project to develop policy recommendations to address climate-induced migration in Asia and the Pacific, the following events will be held at ADB HQs to stimulate thinking and action by stakeholders and decision-makers on the local, national, regional, and global levels: (i) Philippines country workshop on climate-induced migration (Sept 13); (ii) Researchers' workshop on climate change and migration in Asia and the Pacific, (Sept 14); and (iii) Regional conference on policy responses to climate-induced migration in Asia and the Pacific (Sept 15-16). About 80 leading experts and decision makers from different disciplines of governments,

inter-governmental organizations, development agencies, NGOs, the private sector, and academe are expected to participate in the conference. For more information, visit, <http://www.adb.org/>

UNCTAD Ad Hoc Expert Meeting on "Climate Change Impacts and Adaptation: A Challenge for Global Ports", Sept 29 to 30, Geneva

Following earlier related activities (see www.unctad.org/ttl/legal, under "Meetings"), the two-day meeting aims to provide a platform for expert discussions on how best to improve the understanding of climate change impacts on ports, and develop effective adaptation response measures.

UN Climate Change Conference October 2011, Oct 1 to 7, Panama City, Panama

This event will highlight the third part of the sixteenth session of the Ad Hoc Working Group on Further Commitments for Annex I Parties under the Kyoto Protocol (AWG-KP 16) and the third part of the fourteenth session of the Ad Hoc Working Group on Long-term Cooperative Action under the Convention (AWG-LCA 14). http://unfccc.int/meetings/intersessional/panama_11/items/6092.php

First International Symposium on Impacts, Vulnerability and Adaptation to Climate Change in Small Island Developing States, Dec 12 to 14, Zanzibar, Tanzania

The State University of Zanzibar will be organizing a three-day forum to explore the impacts of climate change on small island states and raise national and international awareness about the threats of climate change to these islands, which are leading tourist destinations in the world. The symposium will be addressed by Dr. Andrew Tait, Principal Scientist, National Climate Change, NIWA, New Zealand, Dr. Tamotsu Oomori, Professor Emeritus, Analytical and Carbonate Geochemistry, University of Ryukyus, Japan, and by Dr Sheona Shackleton, Senior Lecturer, Rhodes University, University of Witwatersrand, Indonesia. For more information, visit: <http://suzasymposium2011.go.tz/>

Programs and Actions on Mitigation and Adaptation to Climate Change: From Post-Disaster Reconstruction to the Creation of Resilient Society, Dec 16 to 17, Tokyo, Japan

Keio University is organizing this symposium to elaborate on the effects of the disaster in Japan and its connection to the problem of resilience in general. This is the second in a series of annual meetings dedicated to the broader topic of "Programs and

Actions on Mitigation and Adaptation to Climate Change in Asia and Africa (PACC)". This event is sponsored by the project for Fostering Environmental Leaders in Asia and Africa. http://ei.sfc.keio.ac.jp/index.php?option=com_content&view=article&id=222&catid=59&Itemid=69&lang=en

Learning Opportunities

Refresher Workshop: Fundamentals of Climate Change Adaptation

The Refresher Workshop on "What Everyone Needs to Know about Climate Change Adaptation" is an official activity of the Asia-Pacific Climate Change Adaptation Forum 2011. It is organized and supported by the Adaptation Knowledge Platform (AKP), Asia Pacific Adaptation Network (APAN) and the Asian Development Bank (ADB).

The one-day workshop will be held on 26 October 2011, a day before the start of the Adaptation Forum 2011. It is tailored to make the Adaptation Forum 2011 more rewarding and comprehensible for delegates less familiar with, or puzzled by common jargon about, climate change adaptation. The workshop will introduce, review and clarify key terms, concepts and arguments related to climate change and adaptation. The interactive format of the workshop will ensure that it not only serves as a primer for first-timers to the Adaptation Forum 2011, but also enriches the experience for veterans and practitioners.

Since there are a limited number of seats available for the workshop, delegates interested in attending are requested to register and confirm attendance with the Adaptation Forum 2011 Secretariat by email to info@climateadapt.asia as soon as possible.

- Please note that though the workshop is complimentary, the participants are requested to cover their boarding and lodging for 26 October 2011.
- The workshop will be held at the Siam City Hotel in Bangkok. The Adaptation Forum 2011 organizers are hosting all the delegates at the same hotel.
- Siam City Hotel
447 Si Ayuthaya Rd. Phayathai, Bangkok 10400
Tel +66 (0)2247-0123 Ext. 1909
Fax 0-2247-0165
Website: www.siamhotels.co

<http://www.asiapacificadapt.net/adaptationforum2011/refresher-workshop-0>

NCCARF Adaptation Research Grants Program

This program will provide seed funding of up to \$27 million to finance priority adaptation research needs for Australian applicants, who show strong and strategic collaborations with institutions and organizations. The research areas are in the following fields: Emergency Management, Human Health, Settlements and Infrastructure, Marine Biodiversity, Terrestrial Biodiversity, Primary Industries, Social, Economic and Institutional Dimensions. <http://www.nccarf.edu.au/node/611>

Email: jnnam@fara-africa.org

Website: www.fara-africa.org; www.africa-adapt.net

Online Learning: Community-Based Adaptation to Climate Change

CSDi is announcing the September launch of a module of four online field courses on Community-Based Adaptation to Climate Change. These courses begin by introducing basic climate change concepts, and develop as participants identify local community vulnerabilities, investigate appropriate solutions, develop full projects, launch and manage them. <http://www.csd-i.org/adapting-overview/>

International Training Course on Climate change and Climate Risk Management in a Changing Urban Environment (CRM-03), Sept 19 to 26, Bangkok, Thailand

More than half of the world population is now living in urban centers, which face the threat of changing climate. Asian Disaster Preparedness Center (ADPC) is introducing "International Training Course on Climate change and Climate Risk Management in a Changing Urban Environment (CRM-03)", which aims to shed light on climate change and the way this knowledge can be integrated into development policies and practical actions. The course offers a unique opportunity for development practitioners from government, non-government, and private sectors to enhance knowledge and skills on climate change and climate-induced disaster risks management. tsu@adpc.net

Call for Applications: Pacific Writeshop, Oct 10 to 14, Suva, Fiji

The Stockholm Environment Institute (SEI), the Secretariat of the Pacific Regional Environment Programme (SPREP) and the University of the South Pacific (USP), with the UN International Strategy for Disaster Reduction (ISDR), are calling for applications from young scholars, practitioners, policymakers, and others from the South Pacific who

are working in the field of climate change and disaster risk reduction. Through the writeshop, participants will produce a peer-reviewed quality, publishable articles. They will gain enhanced awareness of the process of writing papers for academic journals. These skills will allow their work to be incorporated by the Intergovernmental Panel on Climate Change (IPCC) and other high-level scientific bodies and consequently inform policy making on key issues of risk and climate. The writeshop will involve one-on-one work with facilitators to provide supplemental training on academic writing and argumentation, in order to help new authors reach a standard of writing suitable for publication in peer-reviewed journals. Sixteen participants will be selected. For more information, contact: Dr. Lisa Schipper, Stockholm Environment Institute, USA
email: lisa.schipper@sei-international.org

Regional Workshop on Mainstreaming Climate Change Adaptation EIA in Asia, Oct 26, Bangkok, Thailand

The workshop aims to build capacity for environmental impact assessment (EIA) practitioners in Asia to incorporate climate change impacts and adaptation into the EIA processes. Workshop sessions aim to raise awareness about the implications of climate change in the context of development and planning; explore opportunities and constraints in using EIA as a tool to enhance climate resilience of projects and plan for adaptation; and gain experience from countries with more advanced practices in incorporating climate change considerations in EIA, using examples from real project cases.

The workshop is organized by the Asian Environmental Compliance and Enforcement Network (AECEN), with support from the United States Agency for International Development (USAID), in collaboration with the Asia Pacific Adaptation Network (APAN). As a side event to the Asia-Pacific Climate Change Adaptation Forum 2011 which will take place on 27-28 October 2011 at the United Nations Conference Center in Bangkok, the workshop targets adaptation practitioners who are planning to attend the Forum and also have interest in the EIA subject. For more information on the Asia-Pacific Climate Change Adaptation Forum 2011, please visit the following link: <http://www.asiapacificadapt.net/adaptationforum2011/participant-registration>

Short Course: Building Capacity for Adaptation to Climate Change: A New International Centre Based in Bangladesh, Nov 13 to 19, Bangladesh

This short course at ICCCAD is designed to provide government officials from developing countries national and sectoral climate change plans and projects for different ministries and departments. The seven-day intensive course uses a combination of lectures from expert faculty, guest lectures, group work, individual work plans, one-on-one mentoring and field visits. Topics will include real life examples of national, sectoral and local-level planning and integration of climate change into development activities in Bangladesh, Nepal and Kenya. <http://centers.iub.edu.bd/icccad>

CCA Information Resources & Knowledge Products

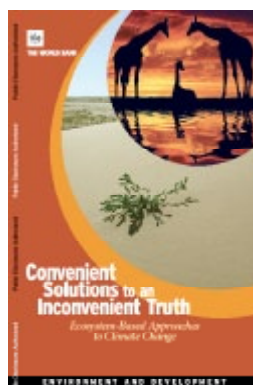
Reports

Climate: When the Ice Melts

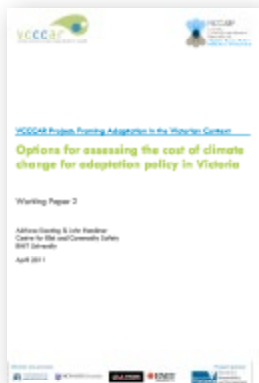
This report published in 'Nature', focuses on the adaptation of people in Bhutan to a warm climate in view of the disappearing glaciers. It notes that Bhutan is deficient in resources to fight global warming but carries out the work at Thorthormi glacier with the help of international donors. The article highlights that Bhutan received 1.3 million dollars in adaptation support from other sources, including the Australian Development Cooperation, the conservation group WWF Bhutan and the United Nations Development Programme. <http://web.ebscohost.com.nec.gmilcs.org/ehost/pdfviewer/pdfviewer?sid=5f28a2b5-d2b2-4963-8383-b440d8b59fbd%40sessionmgr13&vid=6&hid=18>

Convenient Solutions to an Inconvenient Truth

This report by the World Bank compiles current efforts to address climate change, which focus mainly on reducing GHG emissions by adopting cleaner energy strategies and on reducing the vulnerability of communities at risk, by improving infrastructure to meet new energy and water needs. This report offers a compelling argument for including ecosystem-based approaches to mitigation and adaptation as an essential pillar in national strategies to address climate change. <http://www-wds.worldbank.org/>



external/default/WDSContentServer/WDSP/IB/2009/11/25/000334955_20091125041105/Rendered/PDF/518380PUB0Clim101OfficialUseOnly1.pdf



Cost of Climate Change Impacts

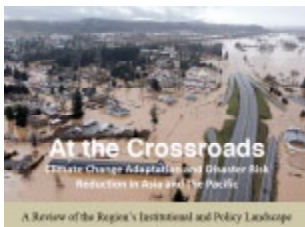
The report outlines the main methodologies available for calculating the cost of climate change impacts with an accompanying analysis of their respective strengths, weaknesses and applicability. It discusses some critical issues associated with such analyses. The report

considers possible directions for economic assessment of climate change impacts in Victoria, Australia. http://www.vcccar.org.au/files/vcccar/Framing_project_workingpaper2_240511.pdf

Publications

At the Crossroads: Climate Change Adaptation and Disaster Risk Reduction in Asia and the Pacific

This report was prepared to provide a snapshot of how disaster risk reduction (DRR) and climate



change adaptation (CCA) are undertaken and integrated, if at all, in the Asia Pacific region. It does so by taking stock of the past and ongoing regional initiatives and by looking into the role of certain organizations in the implementation process. It also discusses key developments in three

areas-political, policy and institutional-which are instrumental in facilitating the integration of DRR and CCA agendas in the region. The report hopes to contribute to improved regional planning and programming for DRR and CCA, and highlights areas for cooperation among regional and sub-regional organizations. <http://www.preventionweb.net/english/professional/publications/v.php?id=21414>

Mainstreaming environment and climate change: Health

This joint publication of IIED and Irish Aid is part of a series that aims to clarify the links between the environment, climate change and key development

sectors, and provide guidance on strategies available for mainstreaming the environment and climate change into national policies. This briefing focuses on health. Nearly one quarter of the global disease burden can be attributed to the environment.

Improving environmental health - raising its profile at national, state and local levels, and integrating environmental health issues into development plans and activities - is critical if we are to reduce poverty and meet the Millennium Development Goals. <http://pubs.iied.org/G03139.html?c=climate>



Mainstreaming Climate Change Adaptation into Development Planning: A Guide for Practitioners

This guide provides practical, step-by-step guidance on how governments and other national actors can mainstream climate change adaptation into national development planning as part of broader mainstreaming efforts.



It is aimed at decision makers and practitioners in developing countries dealing with climate change adaptation and draws on lessons learned by the UNDP-UNEP Poverty-Environment Initiative in working with governments. <http://www.unpei.org/knowledge-resources/publications.html>

Climate Proof: A Four-Step Guide for Coastal Projects

Scientific evidence suggests that variations in temperature, weather patterns and sea level will impact coastal ecosystems and communities. This easy-to-use four-step guide has been developed to help coastal project managers effectively address the potential impacts of climate change



and enhance the resilience and adaptive capacity of projects. The guide is a collaborative product of IUCN, UNEP and UNDP under IUCN publications. <http://www.iucn.org/dbtw-wpd/edocs/2010-101.pdf>

Accounting for Health Impacts of Climate Change

Climate change will affect health in most countries in Asia and the Pacific. It will challenge the public health community at the global, regional and national levels with emerging diseases and existing diseases increasing and spreading geographically. This study aims to improve the understanding of the human health dimensions of climate change. <http://beta.adb.org/publications/accounting-health-impacts-climate-change>

Climate Change in South East Asia: Focused Actions on the Frontlines of Climate Change.

This publication identifies the significant issues and challenges being faced by countries in Southeast Asia, and highlights emerging responses and best practices. It describes how ADB is working closely with developing member countries to support their efforts to shift to a low-carbon growth trajectory while also building resilience to the projected impacts of climate change. <http://adbdev.org/publications/climate-change-southeast-asia-focused-actions-frontlines-climate-change?ref=themes/climate-change/publications>

Climate Change in South Asia: Strong Responses for Building a Sustainable Future

This publication discusses the different approaches in addressing the diverse and urgent climate change adaptation and mitigation needs in every country in South Asia, many with support from ADB. <http://adbdev.org/publications/climate-change-south-asia-strong-responses-building-sustainable-future?ref=themes/climate-change/publications>

Climate Change in the Pacific: Stepping up Responses in the Face of Rising Impacts

The Pacific island governments view climate change as a priority issue, but need clear objectives in addressing its impacts. ADB's position allows it to analyze the complex problems at all levels, identify appropriate solutions based on the varied

geographic, social, and environmental conditions, and mobilize technical and financial assistance to implement solutions in a holistic manner. ADB's support advances the climate change programs of its developing member countries and regional initiatives, moving with partners to integrate responses while continuing to work toward reducing poverty. <http://adbdev.org/publications/climate-change-pacific-stepping-responses-face-rising-impacts?ref=themes/climate-change/publications>

Climate Change in East Asia: Staying on Track for a More Sustainable Future

Working closely with the People's Republic of China and Mongolia and their regional partners, ADB continues to have substantial involvement in the region, where it has been at the cutting edge of climate change-related actions. <http://adbdev.org/publications/climate-change-east-asia-staying-track-more-sustainable-future?ref=themes/climate-change/publications>

Climate Change in Central and West Asia: Routes to a More Secure, Low-Carbon Future

ADB is responding to climate hazards and low-carbon pathways with a comprehensive strategy that strengthens policies, governance, and capacity support; expands the use of clean and renewable

energy; encourages sustainable transport and urban development; promotes development that will be more resilient to climate change, especially in water-dependent sectors; and manages land use and forests for carbon sequestration. <http://adbdev.org/publications/climate-change-central-and-west-asia-routes-more-secure-low-carbon-future?ref=themes/climate-change/publications>

Regional Workshop on Responding to Climate Change in the Pacific: Moving from Strategy to Action

Asian Development Bank (ADB) published a proceedings report of a climate change workshop on the theme "Moving from Strategy to Action", which



was organized by its Pacific Department at Nadi in Fiji, from October 12 to 13 in 2010. It was attended by 106 representatives from various stakeholder groups in Pacific developing member countries (DMCs). The workshop aimed to (i) disseminate ADB's work and approach in support of climate change adaptation and mitigation measures in its Pacific DMCs; (ii) promote partnership and dialogue with Pacific DMCs, development partners, and other stakeholders for a coordinated and harmonized response to climate change in the region; and (iii) discuss possible mechanisms and actionable recommendations for improving the access of Pacific DMCs to climate change financing in the region. For a look at its proceedings report, visit: <http://beta.adb.org/publications/regional-workshop-responding-climate-change-pacific-moving-strategy-action>

Seven Case Studies on Adaptation

The Ecosystems and Livelihoods Adaptation Network (ELAN) has selected and made available a first set of seven case studies on good practices in nature-based climate change adaptation. <http://elanadapt.net/good-practices> Following are the topics of the seven case studies:

- Land rehabilitation on the central plateau of Burkina Faso and building resilience to climate change through farmer-managed natural regeneration in Niger
- Community-based rangeland rehabilitation for adaptation to climate change and carbon sequestration in Sudan
- Promoting ecosystem-based adaptation practices and iterative learning in Bangladesh's drought-prone areas: Livelihood Adaptation to Climate Change Project (LACC)
- Community-based mangrove reforestation and management in Da Loc, Viet Nam
- Community-based restoration of mangroves in the Philippines
- Using the Maya nut tree to increase tropical agro-ecosystem resilience to climate change in Central America and Mexico
- Payments for ecosystem services as a mean to adapt to climate change in Madagascar

Papers

Climate Change, Infectious Diseases and Adaptation Options

Climate change will have significant and diverse impacts on human health. This paper reviews the current situation and projected climate change impacts for respiratory, diarrheal, and vector-borne diseases in Australia. Based on this review, the paper

suggests adaptive strategies within the Australian health sector and recommends future research priorities. http://aph.sagepub.com/content/23/2_suppl/54S.abstract

When Not Every Response to Climate Change is a Good One

This paper outlines four principles that can guide climate adaptation responses in a manner that supports sustainability. Sustainable adaptation should (1) recognize the context of vulnerability, including multiple stressors, (2) acknowledge that different values and interests affect climate adaptation outcomes, (3) integrate local knowledge into climate adaptation responses and (4) consider potential feedbacks between local and global processes. <http://www.ingentaconnect.com/content/earthscan/cdev/2011/00000003/00000001/art00002>

Book

Geoinformatics for Climate Change Studies

This book provides extensive data, concepts and tools such as maps for using the geoinformatics technology for monitoring, documenting, and understanding the impacts of climate change. Geoinformatics, which includes remote sensing, GIS, GPS, and ICT, provides the most relevant technology to monitor climate change-related variables at different dimensions and scales. The book also contains practical examples and experiences of experts. http://bookstore.teriin.org/book_inside.php?material_id=643

Articles

Climate Change Adaptation in Dhaka, Bangladesh

The largest city in Bangladesh intends to employ a sustainable urban water management system, specifically requiring new buildings to install rooftop water harvesting systems, to curb the city's worsening water shortages. Surveys performed by the Water Supply and Sewerage Authority (WASA) show that Dhaka requires 2.4 billion liters of water a day, but can only produce 2.1 billion, and that groundwater levels are receding each year by 3 meters, having sunk by 50 meters in the past four decades. The new system will provide water for drinking and other household activities, and a portion of it for storage in underground reservoirs. <http://www.trust.org/alertnet/news/dhaka-turns-to-rainwater-harvesting-to-ease-water-crisis/>

Significance of Forests: Means for Communities to Adapt

As a least developed country with negligible carbon dioxide emissions, Nepal does not have much to do on the mitigation front. But, how could the country with such poverty invest in climate change adaptation? One of the best sectors to start would be forests. Of the 760 gigatons of carbon in the atmosphere, photosynthesis by terrestrial vegetation removes approximately 120 gigatons, almost 16 per cent of the atmospheric pool each year, and about half of the amount (56 Gt) is returned annually by plant respiration. http://chimalaya.org/2011/08/24/significance-of-forests-means-for-communities-to-adapt-to-climate-change/?utm_source=Daily+Updates&utm_campaign=3149fadd1-RSS_EMAIL_CAMPAIGN&utm_medium=email

Documentary

The Faces of Climate Change

Nicolas Villaume, a photographer and co-founder of 'Conversation with the Earth', is using media to empower the indigenous population in the island of Manus, helping them connect to the global network by establishing local media hubs that provide resource and training. The audio, photo essays, and community-made documentaries at his exhibitions propagate indigenous voices to a larger international community. His new "Conversations with the Earth: Indigenous Voices on Climate Change" exhibition at the Museum of the American Indian powerfully documents the impacts of climate change on 15 of these communities from 13 countries around the world. Among them is the story of Manus, of "Kind Tide" the storm that struck the island in December of 2008, which resulted in the destruction of coral reefs that protected fish habitats, and crop damage due to salt water intrusion. <http://blogs.smithsonianmag.com/aroundtheball/2011/08/the-faces-of-climate-change/>

Tools

FoST Develops Environment-Friendly Sustainable Technologies

FoST is continuing its research and development efforts to design, develop and disseminate low cost, easily sustainable technologies for improving quality of life of the poor people in rural areas. It has been providing a wide selection of products for cooking, drying, heat retaining and water purification using both solar and other environment-friendly sustainable technologies. It has also introduced sustainable sanitation and composting for the rural people. It is currently conducting research on solar oven with reflectors, solar wall ovens, solar water heating tubes, solar water pasteurizer, and briquette making from waste material, etc. <http://www.fost-nepal.org/index.html>

Video

Promoting Accessible, Safe, Environment-friendly, and Affordable Transport Systems

Asian Development Bank's Sustainable Transport Initiative is scaling up support in four priority areas: urban transport, addressing climate change in transport, cross-border transport and logistics, and road safety and social sustainability. <http://beta.adb.org/news/videos/promoting-accessible-safe-environment-friendly-and-affordable-transport-systems>

Adapting to Climate Change in the Himalayas - Jhelum Basin experiences

The areas around the Himalayas are most affected by melting glaciers, a product of climate change. This video tells the story of the Jhelum Basin experiences in adapting to climate change in the Himalayas. Made by Wetlands International South Asia programme, it explains the issue and the role of wetlands in these mountain areas in regulating water flows and mitigating the impacts of climate change. <http://www.wetlands.org/WatchRead/Videos/AdaptingtoClimateChangeJhelumBasinIndia/tabid/1426/Default.aspx>

Secretariat

AdaptationKnowledgePlatform

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