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Issue 19
June 2012



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Welcome to the one platform, which gives you all the information you require or may want to share in the field of adaptation to climate change. This monthly newsletter is brought to you by the Regional Climate Change Adaptation Knowledge Platform for Asia (AKP) and Asia Pacific 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

Learning Dialogues: Integration of Adaptation into Local Development Plans, Philippines, May 21–22 & May 28–30



In response to the needs identified through the scoping assessment on climate change adaptation (CCA) in the Philippines as well as demands expressed by local government units (LGUs) of the Iloilo and Albay provinces, the Adaptation Knowledge Platform and its country partner, the Ateneo School of Government (ASoG), facilitated a knowledge building process to enable the LGUs to: 1) raise the level of awareness of, and sharpen approaches to, climate change adaptation (CCA); and 2) adopt a more trans-disciplinary approach in crafting local development plans of the two provinces. As part of the knowledge building process, a series of learning dialogues were carried out from May 21 to 22 in the Iloilo province, and from May 28 to 30 in the Albay province. Twenty-seven and 60 local stakeholders, including decision-makers of key LGUs and civil society organizations, attended the dialogues in Iloilo and Albay, respectively. The pre- and post-dialogue surveys revealed that more than 75% of the total participants from the LGUs in both Iloilo and Albay provinces felt that they had become more confident in applying CCA tools for developing programs, plans and actions (PPAs) of the LGUs and the corresponding budgets for the PPAs. The draft PPAs that incorporate adaptation options to be executed and the budget have been submitted as an output of the dialogues. The PPAs and the corresponding budgets will be inputs to the Annual Investment Plans for the Fiscal Year 2013 of the province of Iloilo, Albay and its 18 municipalities. For more information about the dialogues, please visit: <http://www.climateadapt.asia/events/Workshops%20/view/27>

ANNOUNCEMENT

First Announcement: Adaptation Forum 2013

We are happy to announce that the 3rd Asia-Pacific Climate Change Adaptation Forum will be held at the end of February or early March 2013. The main theme of the Forum will continue to be on “Mainstreaming Adaptation into Development” with a focus on key selected topics. The core organizers of the Forum are the Institute for Global Environment Strategies (IGES), the Regional Resource Centre for Asia and the Pacific (RRC.AP), the Stockholm Environment Institute (SEI) and the United Nations Environment Programme (UNEP).



The core organizers of the Forum would like to continue to partner with key initiatives and organizations in the region and forge new partnerships, and hence invites proposals for innovative collaborations on a) parallel sessions; and b) market place, to support the main theme of the Forum. If interested in collaborating with us, please send a proposal or a letter of interest to Forum 2013 Secretariat at info@asiapacificadapt.net by 15 September 2012.

Detailed information regarding the Forum - dates, venue, programme, and registration fee - will be provided shortly through the Forum 2013 website: www.asiapacificadapt.net/adaptationforum2013

For any inquiries, please contact the Forum 2013 Secretariat at info@asiapacificadapt.net
Stay tuned!

Online Databases on Climate Change Adaptation

We would like to introduce two highlighted databases on APAN website, which will prove very useful for all climate change adaptation practitioners.

- Database of Good Practices on Climate Change Adaptation*
Explore a searchable database of good adaptation practices from all over Asia and the Pacific which were identified from the studies conducted by APAN in collaboration with development and research institutions in the different regions in Asia and the Pacific. Source: <http://www.apan-gan.net/adaptation-database>
- Database of Adaptation Technologies*
Explore a searchable database of adaptation technologies for coastal zones, which were identified during research by a consulting firm to promote the smooth formulation and implementation of adaptation policy by policymakers of national or local governments while factoring in information useful at the local level. Source: <http://www.apan-gan.net/adaptation-technologies/coastal-zones/database>

**Climate Change Adaptation Web Portal Survey**

As both APAN and AKP aim to raise awareness, share knowledge, and build capacity on climate adaptation, the two initiatives have agreed to work together on knowledge management/sharing and capacity building on climate change adaptation in the Asia-Pacific region. As part of this endeavor, we are in the process of restructuring the Climate Change Adaptation Web Portal (<http://www.asiapacificadapt.net>). We would like to solicit your comments and suggestions through a survey, to enable the web portal to be a one-stop source for climate adaptation-related information in the Asia-Pacific region. We urge you to send us your feedback by clicking on the following link and filling out a short questionnaire. <https://www.surveymonkey.com/s/SG7CYYQ>

Publications

Synthesis Report and Evaluation Summary of the Second Asia-Pacific Climate Change Adaptation Forum, 12–13 March

We are pleased to inform that the Synthesis Report and the Evaluation Summary of the 2nd Asia-Pacific Climate Change Adaptation Forum is now available at our homepage: <http://www.asiapacificadapt.net/adaptationforum2012/>

Synthesis Report

This report is a synthesis of the key statements and arguments made by speakers and participants during the 2nd Asia-Pacific Climate Change Adaptation Forum held at the United Nations Conference Centre in Bangkok from March 12 to 13, 2012. The report is based on participation in the various sessions, the summaries provided by a team of rapporteurs, and the background briefing notes written by participants. The report is organized thematically in accordance with the structure of the forum program. If a particular panel talk raised significant points about a theme beyond the one they were discussing, then these are reported under the theme rather than under the panel. Specific statements by speakers in plenary sessions are attributed within the text, whereas those made in panels are attributed in the endnotes. Please read the full report at: <http://www.asiapacificadapt.net/adaptationforum2012/sites/default/files/Synthesis%20Report-DAC-V3-30May2012.pdf>

Evaluation Summary

An evaluation form with both objective and subjective questions was provided to the participants during the 2nd Asia-Pacific Climate Change Adaptation Forum, and they were given time till the end of the Forum to complete the survey. A total of 98 participants filled up the evaluation form and gave comprehensive comments and suggestions. The form required the respondents to rate the Forum on relevance, content, design, schedule, participation, and general arrangements. Besides the objective questions, they were also asked a host of subjective questions, urging them to give their suggestions for the next Forum, and its themes. They were also asked to list the take-aways from the Forum, and various ways in which they planned to apply what they had learned from it. For more details on the findings, please read the evaluation summary at the following link: <http://www.asiapacificadapt.net/adaptationforum2012/sites/default/files/Evaluation%20Summary.pdf>



Policy Research Brief No. 3: Governance of Adaptation

The Policy Brief argues that the quality of governance is an important determinant of successful adaptation. The legitimacy of adaptation projects, plans, and institutions depends on how the decisions made by them are perceived by the affected stakeholders. It is important that the stakeholders should not only feel acknowledged, but they should also perceive the decisions to be reasonable and fair. The brief derives from the experiences of the Adaptation Knowledge Platform while drawing on issues raised at the 2nd Asia-Pacific Climate Change Adaptation Forum held in March 2012 at the United Nations Conference Centre in Bangkok, as well as a series of sharing and learning seminars. Please visit: <http://www.climateadapt.asia/upload/publications/files/4fe03c0790bb5AKP-PolicyBrief2012-DAC-V1.pdf>



Climate Change Adaptation News

Development Banks Unite in Support of Sustainable Development

Six major multilateral development banks (MDBs) have committed to significantly expanding their investment in sustainable development, which currently totals \$93 billion annually, in support of global development priorities that are expected to be agreed upon at the Rio+20 meeting. The MDBs already provide substantial support to countries for climate change mitigation and adaptation, biodiversity and ecosystem management, green cities and sustainable transport, water resource

management, food security and other development challenges. They pledged to continue to leverage funding from both the public and private sectors, citing the Clean Technology Fund, which has leveraged each donor dollar into eight dollars from other sources, as a model for resource mobilization. <http://www.adb.org/news/development-banks-unite-support-sustainable-development?ref=themes/climate-change/news>

ADB, UNEP, GEF to Finance Climate-Friendly Technologies in Asia

A new Climate Technology Network and Finance Center will expand the availability of low-carbon and climate-resilient technologies in Asia and the Pacific with support from the Asian Development Bank (ADB) and the United Nations Environment Programme (UNEP), and core funding from the Global Environment Facility (GEF). The technology finance center will be set up in Manila, Philippines, to be managed by ADB, while the climate technology network secretariat will be based in Bangkok, Thailand, to be managed by UNEP. The new center will help in mobilizing financing for clean technology by folding technology considerations into national investment plans and strategies, and by piloting innovative financing mechanisms. The network, meanwhile, will provide complementary technical support and policy advice besides being a forum for knowledge sharing. <http://www.adb.org/news/adb-unep-gef-finance-climate-friendly-technologies-asia?ref=themes/climate-change/news>

Big Investment Needed in Asia-Pacific's Dwindling Natural Resources: Study

Asia and the Pacific is consuming more resources than its ecosystems can sustain, threatening the future of the region's beleaguered forests, rivers, and oceans as well as the livelihoods of those who depend on them, says a new joint report by ADB and WWF. The joint ADB-WWF study, Ecological Footprint and Investment in Natural Capital in Asia and the Pacific, focuses on ways of preserving key large-scale regional ecosystems, including the forests of Borneo, the marine wealth of the Coral Triangle, the Mekong region's diverse habitats, and the mountainous Eastern Himalayas. These areas contain some of the region's most important natural resources on which millions of people depend for their sustenance and development. <http://www.adb.org/news/big-investment-needed-asia-pacifics-dwindling-natural-resources-study?ref=themes/climate-change/news>

GEO-5 launched at Rio+20

The fifth edition of the Global Environmental Outlook (GEO-5), launched on the eve of the Rio+20 Summit,

assessed 90 of the most-important environmental goals and objectives and found that significant progress had only been made in four. These are the following: eliminating the production and use of substances that deplete the ozone layer, removal of lead from fuel, increasing access to improved water supplies, and boosting research to reduce pollution of the marine environment. Some progress was shown in 40 goals, including the expansion of protected areas such as National Parks and efforts to reduce deforestation. Little or no progress was detected for 24, including climate change, desertification and drought. The report cautions that if humanity does not urgently change its ways, several critical thresholds may be exceeded, beyond which abrupt and generally irreversible changes to the life-support functions of the planet could occur. GEO-5 also points out that where international treaties and agreements have tackled goals with specific, measurable targets, such as the bans on ozone-depleting substances and lead in petrol, they have demonstrated considerable success. For this reason, GEO-5 calls for more specific targets, with quantifiable results, across a broader range of environmental challenges.

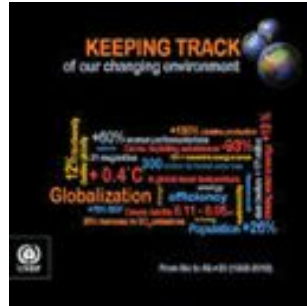
- Global Environment Outlook (GEO-5) is the most authoritative assessment of the state, trends, and outlook of the global environment. The report was produced over three years in a process that involved more than 600 experts worldwide, who collated and analyzed data from every continent to build up a detailed picture of the world's wellbeing. The full report is downloadable here: http://www.unep.org/geo/pdfs/geo5/GEO5_report_full_en.pdf
- The companion report, Measuring Progress: Environmental Goals and Gaps, reviews and illustrates the world's progress in meeting international environmental goals for a set of critical issues and highlights gaps in our ability to measure progress, including the absence of clear numerical targets: http://www.unep.org/geo/pdfs/geo5/Measuring_progress.pdf



- Keeping Track of our Changing Environment: From Rio to Rio+20 is a compilation of facts and figures that track the environmental changes that have swept the planet over the last 20 years:

http://www.unep.org/GEO/pdfs/Keeping_Track.pdf

http://www.unep.org/GEO/pdfs/Keeping_Track.pdf



Prof Kobayashi and Students Win the 2012 Inspiration Award

One of the central lessons of the series of disasters that struck northeast Japan on March 11, 2011 is that building resilience must become an essential part of national policy, even in a wealthy nation such as Japan. Recently, students of Environmental Design at Keio University (host to the Northeast regional node of APAN) completed a community meeting space for the residents of the Hesisei No Mori temporary housing project in Minami-Sanriku, Japan. In the wake of the disaster, access to materials and to trained labor was scarce, and so Professor Hiroto Kobayashi and Keio students developed an innovative structural system that used plywood panels that could be cut and assembled onsite by un-skilled volunteers, including local community members. Funded by the Keio University Environmental Innovators Program and the Tokyo Chapter of Architecture for Humanity, the building was completed in May this year, and was recently awarded the Contract Inspiration prize for its innovative design and impact on the local community. For further information, visit: http://ei.sfc.keio.ac.jp/index.php?option=com_content&view=article&id=292:inspirations-awards&catid=37:home-news&Itemid=91&lang=en



CDKN Shares Lessons from the Region at Rio+20

CDKN Asia Country Director, Ali T Sheikh, joined colleagues from around the world to use the Rio+20 conference as an opportunity to highlight best practices on climate compatible development from Asia. At an official side-event on 21 June, CDKN hosted a high-level debate on Climate compatible development for sustainability and climate security. The debate focused on climate-induced threats to

human security, including threats to water, energy and food on which we depend, and the threat of human conflict due to scarcity of these resources. Increasing insecurity as a result of climate change imposes unacceptable economic costs at national, community and household levels; social and cultural costs (including unequal burden on women and indigenous people), and at its worst, loss of health and life. Panelists included Manuel Pulgar-Vidal, Minister of Environment, Peru, and Carlos Nobre, Ministry of Science and Technology, Brazil, who agreed that if we invest in climate compatible development now, we will avoid climate-related insecurity in the future. CDKN also hosted a panel discussion on mainstreaming climate change into sustainable urban planning panel at the IIED Fair Ideas Conference on June 17, where CDKN shared its experiences of integrating climate change adaptation and mitigation into sustainable urban planning, drawing on lessons from its project to reduce climate vulnerability in Cartagena, Colombia, and other places. The discussion focused on three questions:

- What do we know about cities' vulnerability to climate change, and what are the gaps in our knowledge?
- What are some of the best ways of cultivating stakeholder understanding and buy-in to the urban resilience agenda?
- What type of research, technical assistance, governance innovation, and knowledge-sharing would assist municipal decision-makers in building climate resilience?

For more information, videos and blogs on these and more CDKN events at Rio, visit the CDKN website: http://cdkn.org/2012/06/cdkn-in-rio-learn-about-our-events-publications-and-partnership-activities/?loclang=en_gb

2012 National Adaptation Conference, Melbourne, June 26–28

Australia's National Climate Change Adaptation Research Facility and CSIRO Climate Adaptation Flagship together hosted the 2012 National Climate Change Adaptation Conference in Melbourne from June 26 to 28, 2012. This year's conference focused on the information needed to ensure that Australia is adapting well to climate change. Over three days, NCCARF brought together researchers, practitioners and decision-makers to share knowledge and research approaches that inform policy and practice in planning for climate change in Australia. The 2012 Climate Adaptation in Action Conference showcases the contribution of adaptation science to planning

and policy-making across Australia. It will explore how robust adaptation decisions can be made in the face of uncertainty. <http://www.nccarf.edu.au/conference2012/>

Connecting the Dots: Evolving Practical Strategies for Climate Resilient Development, Pune, India, June 5–6

The National Colloquium held in Pune, India, from June 5 to June 6 was organized by Watershed Organization Trust (WOTR) as a dialogue and brainstorming session with well-known people, experts in their own fields, to test the perspectives presented and to find the missing dots that could complete the picture to evolve practical strategies to address Climate Resilient Development, while linking grassroots to policy. It was clear that the way ahead required some sweeping changes in attitude, perspective, approach and frameworks, which are systemic or rather ecosystemic and recognize the interconnectedness of the issues at hand, the non-linear, dynamic nature of not only the climate system but also the socio-economic systems. <http://www.wotr.org/wp-content/uploads/2012/06/Connecting-the-Dots-ColloquiumSynopsis.pdf>



Accolades for WWF Thailand's Chi River Basin Kaeng Lawa Restoration Project Manager

WWF Thailand's Chi River basin's Kaeng Lawa restoration project manager Rattapon Pitakthepsombat was recently honored with a certificate, describing him as an outstanding figure in Natural Resources and Environmental Management to mark the World Environment Day 2012 by the Ministry of Natural Resources and Environment. The award recognizes his successful leadership in community-based restoration and conservation of natural resources in the Chi River basin areas. He integrated land management and local wisdom to create natural resources and environment conservation network at community, local and regional levels. The Chi River basin Restoration Project covers areas of four sub-district, including Kham Kaen, Phon Phek, Tha Sala and Nong Paen in Khon Kaen province, and focuses on integrating local customs, river basin restoration and preservation of biodiversity in Chi River basin areas for sustainable community living. Chi River basin restoration project

is a partnership between WWF US and US-based Coca-Cola Foundation, aimed at conserving and maintaining biodiversity in seven river basins around the world <http://www.wwf.or.th/?205221/WWF-Thailands-Chi-River-basin-Kaeng-Lawa-Restoration-Project-Manager-Wins-Outstanding-Recognition-on-Natural-Resources-and-Environmental-Management>

Workshop on Japanese Grant for Human Resource Development 2012–2013, Keio University, June 9–10

A two-day workshop was organized at the Keio University, with panel sessions focusing on the topics of Sustainability; Flooding Watershed Water; City Planning; Policies; and Poverty/Human Security. The workshop focused on JDS, which is the Japanese Grant Aid for Human Resource Development Scholarship, which is designed to “support human resource development in countries that receive Japanese grant aid, targeting highly capable, young government officials, and others who are expected to engage in formulating and implementing social and economic development plans and to become leaders in their countries.” Further information: http://ei.sfc.keio.ac.jp/index.php?option=com_content&view=article&id=291:69-10sfcjds&catid=37:home-news&Itemid=91&lang=en

International Initiatives of Kazakhstan on Climate Change

The Ministry of Environment Protection, Kazakhstan, held a session on “Green Growth: Post-Kyoto Prospects”, within the framework of the IV Astana Economic Forum, on May 3, 2012. The participants discussed the issues of green economy development, mitigation of human impact on the environment and human health, preservation and restoration of natural ecosystems, and development of environmental management systems.

Kazakhstan presented the Europe-Asia-Pacific Partnership Programme under the Astana Green Bridge Initiative for 2011–2020. The Programme aims mainly at the development of cooperation among the countries of Europe, Asia and the Pacific in their transition from the conventional models of economy to the green growth concept as well as the mechanisms of combining the processes of economic growth and environmental protection within the framework of the Green Bridge Partnership Programme.

Mr. Rae Kwon Chung, Director, Environment and Development Division, ESCAP, supported the Astana Initiative as a successful regional contribution

to the Rio+20 Conference at the CSD-19 closing meeting, held with the assistance of UN Secretary General Ban Ki-Moon. Consequently, two initiatives of Kazakhstan—Astana Green Bridge Initiative, and Global Energy and Environment Strategy—were included in the final document of the Rio+20 conference. <http://www.carecnet.org/2012/07/02/climate-change-and-adaptation-updates-from-kazakhstan/?lang=en>

International Cooperation on Adaptation and Trans-Boundary River Management

Water-related issues, particularly crucial in recent years among neighboring countries and trans-boundary rivers, often find their solution in interstate treaties and agreements. For instance, the state visit of the Head of State Nursultan Nazarbayev to China in February 2012, led to an agreement between the Government of Kazakhstan and the Government of the People's Republic of China on water quality protection of trans-boundary rivers.

On June 13, 2012, during the visit of President Hu Jintao to Kazakhstan, an agreement was signed between the Government of Kazakhstan and the Government of China on cooperation on environmental issues. This agreement commits the two countries to ensure the quality of water in the rivers besides facilitating cooperation in environmental protection, especially in the prevention and control of air and water pollution.

Enhancing Disaster Preparedness through a Regional Flood Information System in the HKH Region

The Hindu Kush Himalayan (HKH) region is extremely vulnerable to increasingly frequent floods. In 2008, floods claimed more than 200 lives and displaced 4 million people in Nepal and India; around 2,000 were killed and 20 million affected by floods in Pakistan in 2010; and in May 2012, flash flooding in Nepal resulted in the death or disappearance of at least 72 people.

Information plays a key role in management and preparedness for such extreme events. The International Centre for Integrated Mountain Development (ICIMOD), a member of Asia Pacific Adaptation Network (APAN) responsible to look after mountain theme, along with the World Meteorological Organization, and partner countries in the HKH region are promoting regional cooperation in real-time data sharing to increase the lead time for flood forecasts and to enable timely warning to minimize the adverse impacts of floods

through its HKH Hydrological Cycle Observation System (HKH-HYCOS). The project is establishing a regional flood information system to facilitate the trans-boundary exchange of real-time data and know-how to support flood management efforts. Out of the 24 planned hydro-met stations, 11 have been installed in Nepal and Bhutan, while the remaining stations will be set up in Bangladesh and Pakistan. In June 2012, a workshop was held in Bhutan to train national staff to operate and manage remote hydro-met monitoring stations. Once fully integrated into a regional flood information system, the data from these stations will be used to mitigate some of the adverse impacts of floods by providing early warning to people living downstream.

Upcoming Climate Change Adaptation Events

Regional Learning Seminar: Integrating Climate Change into Disaster Risk Reduction, Bangkok, July 26

In late 2009, Indonesia made a voluntary commitment CARE International will be organizing a regional learning seminar on integrating Climate Change into DRR in Bangkok, on July 26. This will be an open event with details to be announced soon. For more information please contact Bruce Raveslout: raveslout@careclimatechange.org Website: <http://www.careclimatechange.org/tools>

Climate Change and Population Conference on Africa, July 1–4, University of Ghana, Legon

The new reality of development facing scientists and policymakers is the understanding of the impacts of climate change and variability on society. In Africa, the challenge is heightened by enormous gaps in scientific and institutional capacity linking vulnerability to climate impacts, adaptation and mitigation, and also the continent which is least prepared to adapt. It is against this backdrop that the Regional Institute for Population Studies (RIPS), which has become an important learning and knowledge center of climate change adaptation in Africa, is holding discussions on climate change and variability at the University of Ghana, Legon, from July 1 to 4. Whilst gaps in various development strategies on the continent represent part of this challenge, rising population, weak adaptation action plans, and capacity self-assessments are at crossroads with development, especially in attaining the Millennium Development Goals (MDGs). To find out more about the speakers and programme, please visit: <http://www.ug.edu.gh/climateconference/index.php>

Climate Change Adaptation Information Resources and Knowledge Products

Reports

Climate Extreme: How Young People can Respond to Disasters in a Changing World

Climate Extreme is a youth-friendly summary of a publication called the Special Report on Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation (SREX). Plan International, on behalf of the Children in a Changing Climate Coalition, produced this report, which describes how young people around the world are contributing and asks what else can be done to adapt to the risk of climate change related disasters. This “child-friendly” climate change report considers the vital role children play in community disaster risk reduction activities in Asia. Instead of seeing them as nothing more than victims in disasters, it gives children in the developing world knowledge about how to prepare and reduce risks they could face when disasters impact their communities. This learning tool is a more digestible version of the 594-page Special Report on Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation (SREX), produced by a panel of climate experts. <http://preventionweb.net/english/professional/trainings-events/edu-materials/v.php?id=26579>

Progress and Challenges in Urban Climate Adaptation Planning: Results of a Global Survey

Massachusetts Institute of Technology (MIT) has launched the report of a global survey ‘Progress and Challenges in Urban Climate Adaptation Planning’ conducted in collaboration with ICLEI-Local Governments for Sustainability, Philippines. The report provides deeper insight into the status of adaptation planning globally, the approaches cities around the world are taking, and the challenges they are encountering. It was presented



at the Resilient Cities 2012 opening plenary by JoAnn Carmin, Associate Professor of Environmental

Policy and Planning, a co-author of the report. http://resilient-cities.iclei.org/fileadmin/sites/resilient-cities/files/Resilient_Cities_2012/Urban_Adaptation_Report_23May2012.pdf

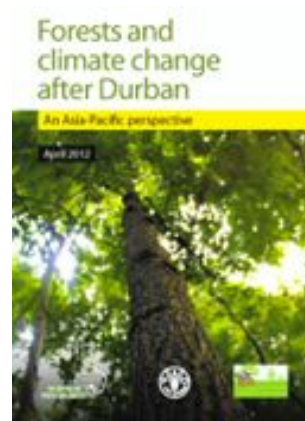
Urban Adaptation to Climate Change in Europe: Challenges and Opportunities for Cities Together with Supportive National and European Policies



This report provides information to facilitate the multi-level European process and the effective participation of local governments in urban adaptation to climate change. From a European perspective, this report elaborates on the key challenges that climate change poses to cities and the need for urban adaptation. It positions the urban challenges in

the larger policy frameworks provided by regional, national and European institutions while providing an overview of solutions. <http://www.eea.europa.eu/publications/urban-adaptation-to-climate-change>

Forests and Climate Change after Durban: An Asia-Pacific Perspective



This document discusses the outcome of the United Nations Framework Convention on Climate Change’s (UNFCCC) 17th Conference of Parties, with an explicit focus on implications for the forestry sector in the Asia-Pacific region. The report’s content is the product of a specialist workshop held in the Philippines during

February 2012. The event was organized by the Centre for People and Forests (RECOFTC), the Food and Agriculture Organization of the United Nations (FAO) and CoDe REDD. The report consists of responses to 13 key questions which were discussed during the specialist workshop. [http://www.recoftc.org/site/uploads/content/pdf/FCC%20after%20Durban%20v.3a%20\(web%20version\)_242.pdf](http://www.recoftc.org/site/uploads/content/pdf/FCC%20after%20Durban%20v.3a%20(web%20version)_242.pdf)

Publications

Adaptation to Climate Change: The Case of a Combined Cycle Power Plant

This report aims to demonstrate how a rapid climate change impact assessment can be used to identify the possible impacts of climate change on a thermal power investment project. <http://www.adb.org/publications/adaptation-climate-change-case-combined-cycle-power-plant?ref=themes/climate-change/publications>



Ecological Footprint and Investment in Natural Capital in Asia and the Pacific

This report reveals that biodiversity in Asia and the Pacific is in decline in all types of ecosystems, with the rate of species loss about twice the global average. It also provides examples of promising approaches for sustainably managing natural capital in the region. These examples are based on experiences from a number of important regional cooperation initiatives, including the Heart of Borneo Initiative, the Coral Triangle Initiative on Coral Reefs, Fisheries and Food Security, the Greater Mekong Sub region Core Environment Program, and the Living Himalayas Framework for Cooperation. These initiatives demonstrate the commitment of the participating governments to protecting the integrity of natural ecosystems while improving livelihoods and reducing poverty. <http://www.adb.org/publications/ecological-footprint-and-investment-natural-capital-asia-and-pacific?ref=themes/climate-change/publications>

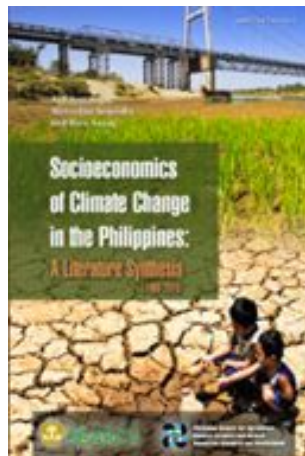


Socioeconomics of Climate Change in the Philippines: A Literature Synthesis (1990–2010)

This review is a comprehensive literature synthesis of climate change and human adaptation, which seeks to validate the scientific basis of current development efforts focused on the dynamics of human behavior and choices as affected by or in response to climate change. More importantly, it aims to identify

researchable areas related to the socio-economics of climate change in the Philippines, particularly in the agriculture, forestry, and natural resources (AFRN) sectors. It is intended as a guide for policy-makers and program implementers. Although focused on the Philippines, the analysis, conclusions, and research gaps are consistent with and reflective of the situation in the Southeast Asian Region as a whole. Download

publication for free at: <http://beta.searca.org/kc3/index.php/climate-change-adaptation-knowledge-resources/1170-socioeconomics-of-climate-change-in-the-philippines-a-literature-synthesis-1990-2010>



Climate Change and Agriculture: Can Market Governance Mechanisms Reduce Emissions from the Food System Fairly and Effectively?

Climate and agriculture are inextricably linked: the climate affects agricultural production and is itself affected by agricultural emissions. How agriculture is practiced therefore has significant potential for mitigating, for providing food security, and for improving the livelihoods of millions of food producers worldwide. There is growing interest in the use of market

governance mechanisms for tackling climate change by giving financial incentives to make the kinds of changes that are required. But how widely are these mechanisms being used in agriculture, and are they effective in reducing emissions? The key messages emerging from this study are that economic measures have a vital part to play within this regulatory context, but they need to be designed with care. To be effective, emissions from food production and consumption must be addressed together. If not, emissions reduced in one region will simply be displaced elsewhere. Source: <http://shapingsustainablemarkets.iied.org/climate-change-and-agriculture-can-market-governance-mechanisms-reduce-emissions-food-system-fairly>



Papers

Synergies Between REDD+ and Adaptive Capacity to Climate Change at the Local Level: A Ghana Case Study

This case study uses the Local Adaptive Capacity (LAC) framework developed by the African Climate Change Resilience Alliance (ACCRA) to compare how REDD+ strategy opinions may impact LAC. It analyses not only how REDD+ may affect the provision of assets necessary for adapting to climate change, but also the role of REDD+ in building processes and functions that develop the adaptive capacity of people at the local level. To assess whether Ghana's developing REDD+ strategies are likely to be beneficial to the adaptive capacity of Ghana's rural and forest communities, the study reviews potential and proposed policies and initiatives against the five key aspects of LAC, comparatively analyzing whether they contribute to climate change adaptation or are potentially maladaptive. <http://redd-net.org/files/Ghana%20REDD%20Adaptation%20William%20McFarland.pdf>

Articles

Climate Change and Vulnerabilities of Pakistan's Coastal Areas

This article published in 'The News International' on June 10, 2012, features the grave risks and vulnerability posed to Karachi, Asia's fast growing city, by natural disasters due to its feeble infrastructure, particularly in the coastal areas. The city's existing infrastructure, including high-rise commercial and residential buildings, hospitals, schools, water supply and drainage networks, combined with unsustainable land-use patterns, are very likely to suffer enormously should any disaster strike. <http://jang.com.pk/thenews/jun2012-weekly/nos-10-06-2012/kol.htm#2>

Involvement of Local Communities Key to Climate Change Adaptation

This article highlights that in order to preserve the environment and adapt to climate change, alliances must be made with communities of local people with a view to educating, rather than dictating to them. <http://www.ipsnews.net/2012/06/qa-involvement-of-local-communities-key-to-climate-change-adaptation/>

Carbon Markets and the Green Economy: Learning from the Past to Shape the Rio Agenda

Prachi Seth from the Overseas Development Institute examines what is meant by the term 'green economy', and what lessons we can learn from past experiences

to ensure market mechanisms work to support the most vulnerable. http://cdkn.org/2012/06/carbon-markets-and-the-green-economy-learning-from-the-past-to-shape-the-rio-agenda/?loclang=en_gb

Who's Afraid of a Low Carbon Price?

Jamal Gore, Managing Director of Carbon Clear, argues that low carbon prices are a good news story, which should galvanize politicians into action: low carbon prices demonstrate that even greater emissions reductions can be achieved at manageable costs. http://cdkn.org/2012/05/whos-afraid-of-a-low-carbon-price/?loclang=en_gb

Carbon Expo Dives into Climate Finance

CDKN's Director of Policy and Programmes, Ari Huhtala, attended the Carbon Expo in Cologne from May 30 to 31. His first blog from the Expo reported on a dynamic mood and strong calls for more ambitious targets to encourage low carbon investment. Here, he discusses the challenges of engaging the private sector with low-emissions development pathways. http://cdkn.org/2012/06/carbon-expo-dives-into-climate-finance/?loclang=en_gb

How Can a Mobile Phone App Help Indian Farmers Adapt to Climate Change?

An ambitious CDKN supported multi-media project titled 'Reframing Rio' aims to trigger a new global debate about the urgent need to reset the world on more sustainable pathways. One recent output of the project has been a 'Life Apps' 25-minute documentary film. Taking its cue from the extraordinary growth in mobile communications and ICT in the developing world, 'Life Apps', mobile phone apps for development or social good, are being used to explore the needs of ordinary developing world citizens across a range of environment, development and societal themes. The Life Apps documentaries follow the progress of five young digital entrepreneurs from developing countries as they go on the road, researching and developing new 'Life Apps' for a better, more sustainable world. They investigate what communities need and want, and how mobile communications can help deliver the information and connectivity that people need on the ground. http://cdkn.org/2012/06/how-a-mobile-phone-app-could-help-indian-farmers-adapt-to-climate-change/?loclang=en_gb

Nepal Climate Smart Trek Reports for CDKN: End of a Long Journey

A four-month trek along the Great Himalaya Trail in Nepal, led by the world record holding mountaineer Apa Sherpa and in partnership with the Government of Nepal, is raising awareness of climate compatible

development in this highly vulnerable region. A local journalist, Saroj Dhakal, has been reporting for CDKN, and in the most recent report captures the reflections of the team as they complete their journey. In his most recent report titled 'End of a Long Journey' he talks about how the team has successfully raised awareness about the effects of climate change in the Himalayan region through social and print media. <http://cdkn.org/2012/06/end-of-a-long-journey/>

First Climate Change Adaptation Project Launched in Pakistan

At a time when glacier melting is a burning issue in Pakistan, experts have highlighted the emerging climate-change challenges, and steps that can be taken to reduce threats of floods in Northern Pakistan. To mitigate the risks caused by sudden discharge of a huge volume of water from glacial lakes, a first-of-its-kind project titled "Reducing Risks and Vulnerabilities from Glacier Lake Outburst Floods" in Northern Pakistan (GLOF Project) has been launched. Pakistan's first Climate Change Adaptation project will focus on mitigating risks stemming from the Glacier Lake Outburst Floods (GLOF). The project, managed by the Ministry of National Disaster Management in collaboration with UNDP, would be implemented in two pilot sites: Bagrot Valley in Gilgit-Baltistan and Drongagh Valley Chitral in Khyber Pakhtunkhwa. <http://pakobserver.net/detailnews.asp?id=150751>

Adaptation to Climate Change: An Emerging Science

Adaptation to climate change is growing rapidly around the world both in practice as well as in the research community. This was amply demonstrated at the recent International Conference on Adaptation Futures held at the University of Arizona in Tucson, Arizona, in the United States of America from May 29 to 31. There were over 700 participants from all over the world, including a significant number from developing countries, and over 200 papers were presented on various aspects of adaptation. <http://www.thedailystar.net/newDesign/news-details.php?nid=239071>

Ready or Not: Can Bangladesh Cope with Climate Change?

At the front line of climate change, the people of Bangladesh are using every ounce of their creativity to adapt. Devastating cyclones, floods and ruined crops have made Bangladesh 'the world's most aware society on climate change'. <http://www.towardfreedom.com/home/asia/2816-ready-or-not-can-bangladesh-cope-with-climate-change>

Mountain Agenda Gets Boost at Rio+20

Mountains, despite being a source of rich biodiversity that provides organic food, forest products and natural medicines, are all at risk from a diverse set of climate change impact. The future of mountains and mountain people got a long needed boost at the UN Conference on Sustainable Development, commonly known as Rio+20, which concluded in Rio de Janeiro, Brazil, on June 22. http://dailytimes.com.pk/default.asp?page=2012\06\30\story_30-6-2012_pg3_5

Newsletters

Climate and Development Outlook: Stories of Change from CDKN

CDKN's quarterly newsletter 'Climate and Development Outlook' highlights CDKN's projects around the world, featuring its work to support climate compatible development. In this third edition, the newsletter explores how CDKN is working with some of the most climate vulnerable countries to raise their concerns on the world stage. This includes their support for the Government of Nepal to strengthen the voice of mountain governments because mountains provide sources of energy, food and water for billions of people and yet these ecosystems and their people are particularly vulnerable to climate change. The newsletter also describes how CDKN is working with the Government of Bangladesh as it develops a programme on the loss and damage caused by climate change impacts. http://cdkn.org/wp-content/uploads/2012/06/NewsletterEnglish_June20_proof5_WEB.pdf

Climate Policy News

Climate Policy News weekly summarizes the latest news on international climate change agreements, the updates on carbon market and energy, as well as technology in the field of climate change. Source: <http://www.iccgov.org/publications/publications-1.htm>

Climate Policy News (June 18–24, 2012) features the following in brief:

- EU launches common emissions registry
- Rio+20: the final outcome at a glance
- The carbon market this week

Climate Change Commission Newsletter

This newsletter is brought out by the Climate Change Commission, which is attached to the Office of the President of the Philippines, and is an independent and autonomous agency. It is the sole policy-making

body of the government tasked to coordinate, monitor, and evaluate the programs and action plans of the government relating to climate change. It has formulated the National Framework Strategy on Climate Change (NFSCC), National Climate Change Action Plan (NCCAP) and guidelines for Local Climate Change Action Plan (LCCAP). <http://www.climate.gov.ph/newsletter.html>

International Climate Policy and Carbon Markets

International Climate Policy and Carbon Markets is a bi-monthly report that provides a clear analysis of the worldwide evolution of the carbon market, and the international and domestic climate policies. The report is organized into four sections focused on i) international negotiations and national policies, ii) European and international energy policy, iii) flexible mechanisms and developing countries, and finally, iv) evaluation of the carbon price in the hypothetical global market. The 20th issue for May 2012 is available at: http://www.iccgov.org/publications/files/icp/ICCG_International-Climate-Policy_2012-20.pdf#page=2

Films/Videos

Testimonies of Livelihood and Agriculture Losses Due to Climate Change in the Mountains

In a series of Mountain Voice, the Climate Himalaya team captures the voices of mountain people from the western Himalayan region of India. They came across real situations while interacting with various communities in this region. Their observations are testimony to changes in the mountain farming system. The decrease in agricultural productivity, increase in family size and poor technical know-how about various livelihood options, has only added to the hardships of mountain people. <http://www.youtube.com/watch?v=SgUIG12pqbo&feature=plcp>



Climate Change Solutions

The Climate Change Adaptation Project of Watershed Organization Trust (WOTR), seeks to build the adaptive capacities of rural communities through an integrated and comprehensive approach that cuts across all key sectors on which rural communities depend, and that involves all key actors—civil society, government and private sector. It focuses on developing simple yet robust tools, protocols, mechanisms and instruments that can be widely adopted by others for large scale application, and on creating an enabling policy environment so that these successful approaches can be mainstreamed into governmental programs across the country. <http://www.youtube.com/watch?v=qNwDzg3thaE&feature=BFa&list=PL12A25E7487770FE7>



Profiles

SEARCA Knowledge Center on Climate Change Adaptation Community

In an effort to better involve its stakeholders and enrich knowledge sharing among KC3 users, SEARCA's Knowledge Center on Climate Change Adaptation in Agriculture and Natural Resource Management (KC3) developed the Climate Change Adaptation Community or the KC3 Community. The KC3 Community is the newest feature of the KC3 website. It provides a platform for the users and stakeholders of KC3 to exchange knowledge to strengthen research and development, capacity building, and policy advocacy efforts. As in social networking sites, members of the community can post status messages, photos, and links to relevant information about climate change, agriculture, and natural resource management. <http://bitly.com/kc3-community>

Eldis Climate Change Resource Guide: Ten Climate Change and Development Specialised Guides

Eldis is pleased to share 10 new and updated key issues of the Eldis Climate Change Resource Guide that have been put together by a number of experts. They look at a range of important and emerging climate change and development issues from low carbon development to disaster risk reduction and indigenous knowledge. Source: <http://eldis.org/climatechange>

Here are the links to each specific key issues guide:

- [Low Carbon Development](#)
- [Disaster Risk Reduction](#)
- [Community Radio and climate change](#)
- [Gender and climate change](#)
- [Tackling poverty in a changing climate](#)
- [Climate Smart Agriculture](#)
- [Climate Finance](#)
- [Indigenous knowledge and climate change](#)
- [Water Resources and climate change](#)
- [Planning for Climate Change](#)
- [Adaptive Social Protection](#)

The AsianCitiesAdapt Project in the Baguio City, Philippines

The City of Baguio is known as one of the most vulnerable places in the Philippines when it comes to impact of climate change. The City Government of Baguio considers the AsianCitiesAdapt project as an opportunity for addressing the emerging climate change concerns by adopting a lively interactive community learning and participation process. Thus, the City Mayor, Hon. Mauricio G. Domogan, agreed to sign a Memorandum of Understanding with ICLEI-Local Governments for Sustainability Southeast Asia on 24 March 2011, with which Baguio City formally joined the AsianCitiesAdapt project. A Task Force on Climate Change Adaptation was created to spearhead the work related to climate change adaptation. Workshops held in July 2011 and April 2012 with city officials, Task Force members, media, and stakeholders resulted in identifying landslides and flooding as the climate change impacts that need to be addressed with highest priority. The City has launched its 1st Stakeholder Engagement Forum in February 2012 which kicked off a long

series of local advocacy activities, cutting across and harmonizing environment programmes already in place. The main objectives of these Forums are to secure the collective cooperation of the community in the combined adaptation and mitigation process and to establish the institutional mechanisms for participatory action planning. <http://www.asian-cities-adapt.org>

Learning Opportunities

Webinar: Evaluation of Climate Change Interventions for Excluded Populations

Climate Change adaptation (CCA) is complex, operating across multiple scales, sectors and involving multiple processes. The M&E of CCA revolves around how best to involve people into CCA at all levels. The one unifying factor is 'adaptive capacity' for society, institutions, communities, households, and individuals. The webinar will focus on emerging approaches for evaluating climate change interventions for excluded populations. Specifically, the facilitators will discuss 'adaptive capacity' as a concept that has the potential to link institutions and people across sectors and scales. Join the Webinar on Friday, July 6, 2012, from 5 pm to 6:30 pm ICT (11:00 am to 12:30 am GMT). For more details, please visit: <https://www3.gotomeeting.com/register/272659118>

Film Festival on Climate Change and Renewable Energy, 30 Nov to Dec 1

Are you a filmmaker? Have you already made (or would like to make) a short film on climate change and renewable energy? Take your chance and submit your entry for the Film Festival by October 1, 2012. Eligible works last 15 minutes at the maximum and must have been produced after January 1, 2011. The best works will be presented at the Think Forward Film Festival - 2nd edition that will be held in Venice from November 30 to December 1, 2012. The festival deals with climate change and renewable energy through a series of screenings, meetings, and debates. Click here to find out about the prizes and to download the entry form. http://thinkforwardfestival.it/index_en.html

Call for Papers: 1st ASEAN Congress on Mangrove Research and Development, Dec 3–7

The Philippines, through the Ecosystems Research and Development Bureau of the Department of Environment and Natural Resources (ERDB-DENR), is pleased to announce the call for abstracts for the international conference on 1st ASEAN Congress on Mangrove Research and Development organized and hosted by the ERDB-DENR, Philippines. The congress will be held in Metro Manila (specific venue will be announced later) from December 3 to 7 2012. Interested participants are invited to submit abstracts (not more than 500 words) for paper or poster presentation to Dr. Honorato G. Palis (hpalis@yahoo.com) not later than 31 August 2012. Accepted entries should be notified by 30 September 2012. Non-ASEAN scientists/researchers are also encouraged to participate as long as research investigations are conducted in any of the ASEAN countries. For more details, please visit the website: http://www.denr.gov.ph./index.php?option=com_content&view=article&id=783:denr-erdb-calls-for-abstract-research-papers-for-the-first-asean-congress-on-mangrove-r-a-d-slanted-in-manila-on-december-3-7-2012-&catid=3&Itemid=14

Online Course on Responding to Climate Risks in Agriculture and Natural Resource Management

The Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA) recently concluded its Third Online Course on Responding to Climate Risks in Agriculture and Natural Resource Management, held from April 14 to June 9, 2012. This learning event is geared toward those about to start active involvement in, or relatively new at implementing, climate change adaptation initiatives in the agriculture and natural resources sector. The Fourth Online Course is set to be offered from January to March 2013. For additional information, please visit: www.searca.org

Call for Post-Doctoral Support within the Field of Civil Contingencies and Disaster Preparedness

The Swedish Civil Contingencies Agency (MSB), in collaboration with the Swedish Secretariat for Environmental Earth System Sciences (SSEESS), has announced an opportunity to apply for postdoctoral support for researchers enrolled at a Swedish higher education institution at the Royal Swedish Academy of Sciences (KVA). The objective of the call is to increase the number of active researchers in the field of civil contingencies and disaster preparedness. More information at: <https://www.msb.se/sv/Om-MSB/Forskning/Utlysningar/Pagaende-utlysningar/Call-for-post-doctoral-support-within-the-field-of-Civil-Contingencies-and-Disaster-Preparedness/>

4th International Training Course on Climate Risk Management

Climate-related risks, whether those in the present or coming in the future, need to be swiftly addressed as part of the development strategy at any level, from global to local. To address this need, the 4th International Training Course on Climate Risk Management offers a unique opportunity for development officials from both government and private sectors to enhance knowledge and skills on climate change and climate-induced disaster risk management. The course ultimately aims to assist officials in harmonizing climate change adaptation, disaster risk reduction and sustainable development. For more details on the course and application, click on: <http://www.adpc.net/2012/gateway.asp?frame=Aha&DocID=217>

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