



ADAPTATION KNOWLEDGE PLATFORM

E-COMMUNIQUÉ

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The e-communiqué is part of the Regional Climate Change Adaptation Knowledge Platform for Asia and Asia Pacific Adaptation Network's efforts to share and inform about its activities, topical climate change adaptation news and initiatives from Asia and the Pacific and beyond.

The e-communiqué encourages you to share your Climate Change Adaptation (CCA) activities, announcements, events and new initiatives. Please send your submissions to info@cliamteadapt.asia.

HIGHLIGHTS

Asia-Pacific Climate Change Adaptation Forum 2010

21-22 Oct, Bangkok, Thailand



More than 550 policymakers, scientists, development experts, representatives of Asia-Pacific governments as well as bilateral and multilateral donors gathered in Bangkok on 21 and 22 October 2010 for the Asia-Pacific Climate Change Adaptation Forum 2010.

While the first day of the forum focused on general approaches and large-scale financing of climate change adaptation, the second day concentrated on the details of adaptation governance, mainstreaming adaptation into development planning, and the importance of effective knowledge management, as participants debated on how to best approach climate change adaptation and integrate it into development.

The Adaptation Forum 2010 was opened by Young-Woo Park, Regional Director and Representative for Asia and the Pacific for the United Nations Environment Programme (UNEP), who reminded the audience that responding to climate change – “the defining issue of our time” – was particularly critical for developing countries and the Asia-Pacific region.

This was followed by a video message from UNEP Executive Director Achim Steiner, who emphasized on building resilience, on the centrality of science to effective adaptation programming, and the power of partnerships.

H.E. Virachai Virameteekul, the Minister of Science and Technology for Thailand, called for cooperation of all countries to combat climate change, while quoting the adage: “If you want to go somewhere fast, you go alone; if you want to go far,

then we go together”. H.E. Staffan Tillander, the Swedish Climate Ambassador, emphasized on the unique and important role that United Nations has to play in handling a complex issue like climate change. H.E. Faumunia Tiatia Liuga, the Minister of Natural Resources and Environment for Samoa, gave the Forum a “perspective from the Pacific”, reiterating the need for mainstreaming adaptation into national development plans, and for technical capacity development. “It’s time to take action,” he told the Forum.

Ursula Schaefer-Preuss, Vice President of Knowledge Management and Sustainable Development at the Asian Development Bank (ADB), pointed out that 80 percent of people affected by natural disasters live in the Asia-Pacific region. Without adaptation responses, climate change is expected to seriously impact the region’s growth, development gains and progress toward the Millennium Development Goals (MDGs), she said.

For more updates and videos from the Adaptation Forum 2010, please visit:

<http://www.asiapacificadapt.net/adaptationforum2010/index.php/page/load/home>

Second Adaptation Knowledge Platform Advisory Panel Meeting

20 Oct, Bangkok, Thailand

The second Adaptation Knowledge Platform advisory panel meeting provided an update to its members on the progress the panel had made between March and October, 2010, and urged them to suggest ways to enhance its effectiveness at the regional and national level besides making it financially and technically sustainable. The panel also requested the members to act as “ambassadors” of the Platform. The advisory panel members present on the occasion included Dr. Richard Welford, Chairman of CSR Asia, Mr. MA Chan Sethea, Chairman of ASOEN, Dr. Louis Lebel, Director of Unit of Social & Environmental Research, Chiang Mai



University, Thailand, Dr. Saleemul Huq, Senior Research Fellow, IIED, UK & Director, International Institute for Environment and Development, Bangladesh, Mr. George Varghese, President, Development Alternatives Group, Prof. Said Irandoust, President of Asian Institute of Technology, Thailand, Mr. Kotaro Kawamat, Asian Development Bank, and Ms. Christein Loh, Chief Executive Officer, Civic Exchange, who attended the event via video.

Adaptation Knowledge Platform’s Third Sharing & Learning Event

6 Aug, Bangkok, Thailand

“Effectiveness of Community-based Adaptation (CBA) to Climate Change” was the theme of the third bi-monthly knowledge sharing and learning seminar of the Adaptation Knowledge Platform held in Bangkok

on August 6. It shared information on CBA planning, practices, and tools besides discussing the priorities of future CBA research, and partnerships amongst key regional institutions. The key highlights of the seminar included a plenary talk on the historical background of climate change and CBA, and presentations featuring community-based adaptation experiences in Asia, and the vulnerability as well as adaptive capacity of the affected communities by organizations such as International Institute for Environment and Development, Plan International and CARE International. In addition, short video presentations were made by Climate Change Knowledge Management Center (CCKM) Thailand, followed by a discussion on bridging the gaps on CBA issues, which was facilitated by United States Agency for International Development (USAID). The seminar was co-organized by the Adaptation Knowledge Platform, Asia Pacific Adaptation



Network, CARE International, CCKM Thailand, USAID Thailand and Plan International. For more information, please visit <http://www.climateadapt.asia/events/seminars/view/7>

ADAPTATION KNOWLEDGE PLATFORM ACTIVITIES AT THE NATIONAL LEVEL

Adaptation Network in Focus, 22 Oct, Bangkok, Thailand

A focus event was held at the Adaptation Forum 2010 to report on the activities of the Asia Pacific Adaptation Network (APAN), mainly in Central Asia and in North-East Asia. Researchers, representatives of international institutions such as UNEP and ADB as well as NGOs participated in the event to speak about their work and answer questions from other participants. IGES, as the regional hub for APAN, is planning to expand its activities in South Asia and the Pacific region.

Adaptation Knowledge Platform's First Media Workshop 8-10 Oct, Chiang Khan, Thailand

The Adaptation Knowledge Platform, in partnership with SEA START, TBWA, Chiang Khan Municipality and Sumernet, convened an interactive adaptation-based planning exercise in October, which was attended by 30 senior journalists and Chiang Khan community members. Those present sought to explore the challenges the community could face in the next three decades. This workshop helped to accelerate a greater nationwide understanding of the importance of employing new planning tools to help communities proactively respond to climate change adaptation needs. It was for the first time that media representatives played an active role in such a process.

Integrating CCA into Sustainable Development, 29 Sep, Astana, Kazakhstan

Researchers from five countries in Central Asia and representatives of international organizations such as UNEP and ADB discussed the state of adaptation in Central Asia and the future direction of the UNEP-led Asia Pacific Adaptation Network (APAN) in the region at a meeting in Astana. It was held as a side event at the sixth Ministerial Conference on Environment and Development (<http://www.unescap.org/mced6/about/>). The Directors of the UNEP regional office for Asia and the Pacific and AIT-UNEP RRC.AP as well as Institute for Global Environmental Strategies (IGES), which is the regional hub for Asia Pacific Climate Change, gave a presentation summarizing the activities of APAN. IGES in conjunction with Regional Environmental Centre for Central Asia hopes to assist the Interstate Commission for Sustainable Development of Central Asia (ISDC) in creating a "Subregional Strategy on Vulnerability and Adaptation to Climate Change in Central Asia."

Mekong Civil Society Organizations Dialogue on Climate Change Adaptation and Good Environmental Governance, 23-24 Sep, Chiang Rai, Thailand

The Adaptation Knowledge Platform participated in the civil society organizations' (CSO) dialogue organized by Thailand Environment Institute and shared its view on establishing a civil society platform on climate change adaptation in the Mekong sub-region. The participants agreed to first set up a forum for interaction among CSOs before eventually scaling it up to multi-stakeholders' dialogues at national and sub-regional levels.

International Expert Consultation Meeting: Mountain Initiative on Climate Change, 23-24 Sep, Kathmandu, Nepal

More than 40 experts from 16 mountain countries, including a representative from the Adaptation Knowledge Platform, came together to share and debate the latest information about the impacts of climate change on the world's mountains last September. The meeting called for greater global support and partnership to protect mountain ecosystems from climate change impacts, and gave a suite of recommendations to the proposed Ministerial Conference of the Mountain Countries on Climate Change, future UNFCCC negotiations, the Rio+20 conference, and related international events beyond 2012. The meeting was organized by the Government of Nepal's Ministry of Environment and the International Centre for Integrated Mountain Development.

Integration of Adaptation into Provincial Development Planning, 16 Sep, Viet Nam

The Adaptation Knowledge Platform and its national partner in Vietnam, National Institute for Science and Technology Policy and Strategy Studies (NISTPASS) and Binh Dinh Department of Natural Resources and Environment (DONRE) joined hands to organize a half-day workshop to kick off a pilot project to mainstream climate change adaptation into the provincial socio-economic development plan (SEDP). This workshop marked an initial dialogue among local government representatives, NGOs, media groups and relevant stakeholders on how adaptation could be integrated and mainstreamed into SEDP.

Integrating Adaptation into River Basin Management, Thailand

The Adaptation Knowledge Platform's national partner, Kasetsart University, has developed an initial work-plan and proposal to achieve integration of adaptation into River Basin Management in Thailand. The proposed activities include carrying out vulnerability assessment of water resources, including flood and scarcity risks, and exploring possible adaptation options through partnership among river basin organizations, local government and non-governmental agencies and community representatives. Knowledge products from these activities will feed into planning at the basin level.

Scoping Mission, 30 Aug–3 Sep, Lao PDR

The Adaptation Knowledge Platform shared information about its activities and held confabulations with key partners and stakeholders to gain an insight into climate change adaptation initiatives, projects and programs in the Lao PDR. The mission was facilitated by ECOLAO, a local NGO. Stakeholders suggested that climate change issue, in general, was very recent in the country, and they would need capacity-building support in particular for increased engagement and understanding of climate change issues.

High-Level Technical Meeting on the Sacred Himalayas for Water, Livelihoods, and Bio-Cultural Heritage for Bangladesh, Bhutan, India and Nepal, 18-20 Aug

The Adaptation Knowledge Platform participated in the high-level consultative meeting on the climate change issues in the Himalayas region. The participants agreed to work together toward the "Bhutan Climate Summit 2011" within national and regional adaptation frameworks. Individual countries will prepare roadmaps on the water, energy, biodiversity and food security sectors. Delegates from the four participating countries of Bangladesh, Bhutan, India and Nepal, pledged support for the sub-regional initiative led by the Royal Government of Bhutan to develop climate adaptation plans that the Eastern Himalayan nations could employ in their efforts to adapt to the changes happening in the region.

Media Workshop on Scoping & Planning Activities for 2011, 24-27 Jul, Viet Nam

The scoping mission was conducted to plan a second adaptation media workshop to be held in the Mekong Delta and Ho Chi Minh city in the early 2011. The potential partners identified for organizing the workshop included the Dragon Institute of Cantho University, Nong Lam University and Vietnam's major business organization, Saigon Thiep Tai. Ho Chi Minh was selected for the media workshop as adaptation planning is prioritised in the agenda of the city, which will be one of the coastal cities most impacted by climate change in Southeast Asia. Vietnamese business leaders are beginning to view climate change impacts, particularly flooding, as an urgent issue to address, considering future investment scenarios.

COLLABORATIONS AND PARTNERSHIPS

- 4th Asian Ministerial Conference on Disaster Risk Reduction through Climate Change Adaptation (4AMCDRR), 25-28 Oct, Incheon, Korea**

A galaxy of 62 ministers of disaster management in the Asia-Pacific region gathered to discuss, “Disaster Risk Reduction through Climate Change Adaptation” during the four-day event hosted by the Government of the Republic of Korea, and the United Nations International Strategy for Disaster Reduction (UNISDR). The meet that attracted global attention emphasized the formulation of the “Action Plan for Climate Change Adaptation in Asia-Pacific Region”, since there was lack of an international consensus on climate change response during the UNFCCC Copenhagen Meeting in December 2009.

The Adaptation Knowledge Platform presented the outcomes of the Asia-Pacific Climate Change Adaptation Forum 2010 at the Technical Session 2 - “Developing and Sharing Information, Technology, Sound Practices, and Lessons Learned in Climate & Disaster Risk Management”.

The Adaptation Knowledge Platform also focused on the theme of “Promoting Integration of CCA & DRR into Development for Green Growth and at the Market Place” in Technical Session 3.

The Adaptation Knowledge Platform also participated in the Market Place.

Information about the conference can be found on the website www.amcdrrkorea.org

- Ministerial Forum of International Telecommunication Union (ITU)-Afghanistan, Bangladesh, Bhutan, Maldives and Nepal (ABBMN)- on Digital Inclusion: Connecting Responsibly, 3 - 5 Aug, Male, Maldives**

The forum brainstormed the key challenges of climate change and identified the required initiatives to be undertaken by policy-makers, regulators and the industry for ensuring information and communication technology (ICT) services to address climate change concerns as well as communication during emergencies. The Adaptation Knowledge Platform presented the importance of ‘e-Resilience’, or, rethinking the potential of ICTs toward climate change adaptation, suggesting ‘e-Resilience’ as an emerging area of study to understand how innovative ICT tools and approaches could strengthen the response of vulnerable systems to the challenges posed by climate change. The forum arrived at a Ministerial Declaration that stressed the need for an international and regional mechanism to coordinate under emergencies as well as knowledge management through ICT. The forum was organized by the ITU, and hosted by the Communications Authority of Maldives.

- Practitioners and Policy-makers’ Exchange on Climate Change Adaptation in Agriculture, 30 Aug -1 Sept, Bangkok, Thailand**

The Adaptation Knowledge Platform and the United Nations Development Programme (UNDP) co-organised a three-day knowledge exchange with support from the Adaptation Learning Mechanism (ALM), European Commission Food and Agriculture Organization (EC-FAO) Food Security Programme and Millennium Development Goal Fund (MDG-F). The 30 participants, including field practitioners and policy makers from agricultural departments, and resource persons from seven South and South East Asian countries, discussed the need for country-specific information and explored the regional knowledge priorities on climate change adaptation. Some of the priority issues identified will be



addressed in a booklet which will be made available before the end of 2010.

- **International Conference on Livelihood and Health Impacts of Climate Change: Community Adaptation Strategies, 24-25 Aug, Khon Kaen, Thailand**

The Adaptation Knowledge Platform made a keynote speech on Asia's future climate change adaptation policy and planning strategy at the workshop that was jointly organised by Khon Kaen University, World Health Organization, Mekong River Commission, Commonwealth Scientific and Industrial Research Organization (CSIRO), Stockholm Environment Institute, World Wide Fund for Nature, and the International Union for Conservation of Nature. The five parallel sessions addressed the key issues of local and regional risk and resilience; community livelihood assessment and adaptation strategy; health consequences and responses; health, well-being and knowledge, and responses of the Great Mekong Sub region countries, respectively. The workshop also shared several flagship projects and toolkits on community adaptation to climate change. The Adaptation Knowledge Platform introduced its initiatives, particularly its knowledge management activities that are currently being implemented, to shift from fragmented information toward an integrated knowledge base for climate change adaptation.

- **Training Workshop to Raise Awareness and Enhance Action on Climate Change Adaptation and Mitigation at Sub National level - Asia, 25-27 Aug, Phuket**

The UNEP and Korea Adaptation Center for Climate Change organized the workshop in coordination with the Adaptation Knowledge Platform as part of activities of the Territorial Approach to Climate Change (TACC), a partnership of five UN agencies with sub-national territories. For more information on TACC, please visit, <http://www.lowcarbonportal.org/show/77390284-F203-1EE9-B99A9F699E8162AF> During the workshop, representatives from sub-national authorities in charge of environment and development planning and local and national governments reviewed international policy developments in the area of climate change adaptation and mitigation from a sub-national perspective, and expressed their interest in developing an Integrated Territorial Climate Plan for adaptation.



CCA Events & Conferences

CCA News



5th International Community-based Adaptation Conference: The 5th CBA Conference will take place in Dhaka from 24-31 March 2011 in Dhaka, Bangladesh. It is open to anyone interested in community-based adaptation including policymakers, non-government organizations, research and policy institutes, academics, and practitioners with a particular focus on grassroots adaptation work. For more information, visit: <http://www.iied.org>

“The Adaptation Partnership”
Date: Thursday, 2 December 2010
Time: 18:00-19:30 pm
Location: US Centre, Cancún Messe, Cancún, Mexico
The adaptation partnership is an interim platform that seeks to catalyse effective adaptation action. It also aims to enhance communication between the various institutions and actors engaged in the effort to scale up adaptation activities and strengthen resilience to climate change around the world. For further information www.adaptationpartnership.com

VCCCAR Seminar: This seminar on “Scenarios for Climate Adaptation” by the Victorian Centre for Climate Change Adaptation Research (VCCCAR) was held in Melbourne on 11 Nov. It was attended by those working on or interested in climate change adaptation challenges in Victoria. For more information, visit:

Integrated Efforts Crucial for Helping Cambodia
The Royal Government of Cambodia and its development partners stressed on the need for integrated efforts under different climate change-related initiatives to help the country respond to the impact of climate change during the inception workshop of the Cambodia Climate Change Alliance (CCCA) held in August. The event marked the beginning of a new implementation phase of the CCCA following its launch on 25 February this year. The CCCA, a multi-donor funded initiative, will strengthen the key institutions, including the National Committee on Climate Change, the Climate Change Department, and key climate change functional units within sectors at national and sub-national levels. The aim is to support the integration of climate change considerations into policy and planning processes to build a national adaptation system.

For further information, cceap@online.com.kh

Nepal Climate Change Portal Launched
The Nepal Climate Change and Development Portal (www.climatenepal.org.np) was launched by Prime Minister Madhav Kumar Nepal, on 4 Nov.

Climate Action 4 launched at COP16
The fourth edition of Climate Action with be officially launched in Cancun, Mexico during the 16th Conference of Parties (COP16) during a prestigious cocktail reception, hosted by Climate Action and the United Nations Environment Programme (UNEP). The 175-page publication contains in-depth and informative articles and features by esteemed authors from governments, intergovernmental organisations, civil society and the private sector. The publications offers insight into the pressing issues surrounding climate change and sustainability whilst presenting practical ‘Actions’ - steps that businesses and governments can take to reduce their carbon footprint and those companies leading the way in the fight against climate change.

Contributing authors include:
Achim Steiner, UN Under-Secretary General and Executive Director, UNEP
Greg Barker, Minister of State for Climate Change, UK
Rudy Provoost, CEO of Philips Lighting
Andrew Steer, Special Envoy for Climate Change, The World Bank
Isabella Teixeira, Minister of Environment for Brazil

CCA Information & Knowledge Products

Papers

Costs and Benefits of Adaptation in Developing Countries

The paper focuses on the economic issues at play in developing countries where climate adaptation is most needed, and where a host of other constraints have to be addressed at the same time. It develops a framework for analyzing the costs and benefits of climate change adaptation in developing countries, and the specific contexts in which these could be applied in future research work. *Climate Change Adaptation in Developing Countries: Issues and Perspectives for Economic Analysis*: Muyeye Chambwera and Jesper Stage, International Institute for Environment and Development (IIED), UK, 2010.

Climate Change Adaptation in New Zealand: Future Scenarios and Some Sectoral Perspectives:

This publication consisting of nine papers synthesizes climate change adaptation issues across key sectors in New Zealand, including primary industries, human health, biodiversity, energy and Maori culture, by taking a triple bottom line approach (economic, environmental and social).

Adaptation to Climate Extremes in Developing Countries - The Role of Education:

The paper assesses the economics of adaptation to extreme weather events. It addresses questions of (1) how climate change will alter the incidence of extreme events, and how their impact will be distributed geographically; (2) how future socioeconomic development will affect the vulnerability of affected communities; and (3), how much it would cost to neutralize the threat of losses in this context.

Framing Climate Change Adaptation Learning and Action: The Case of Lahore, Pakistan:

This paper demonstrates the application of a learning perspective to the climate change adaptation debate. Using an actor-based approach in the Pakistani urban local context, the paper identifies six distinct characteristics that could be applied to frame climate change adaptation learning and action. These include leadership for adaptation, vision for adaptation, culture for adaptation, good governance for adaptation, innovation and creativity for adaptation and resources for adaptation. For more information,

Challenges, Gaps and Mismatches in Urban Adaptation Strategies

The paper reviews the recent climate change adaptation strategies of nine cities and analyzes them in terms of overall vision and goals, baseline information used, direct and indirect impacts, proposed structural and non-structural measures, and involvement of formal and informal actors.

Climate Change Adaptation and Risk Management

The paper reviews the concept of adaptation as climate risk management. In doing so, it uses a liberal view of risk, where different methods can be used within a broad risk framework. These include methods that focus on the event, the outcome, or take a joint approach, methods that deal solely with climate or multiple drivers of change, and methods that range from quantitative to qualitative. *Adaptation and Risk Management*, Roger N. Jones and Benjamin L. Preston, Climate Change Working Paper No. 15, Centre for Strategic Economic Studies, Victoria University, Melbourne, May 2010.

A Conceptual Framework for e-Resilience and e-Adaptation

The paper sets out a conceptual foundation that links climate change, livelihoods vulnerability, and the potential of Information and Communication Technologies (ICTs) in supporting systemic resilience. *Linking ICTs and Climate Change Adaptation: A Conceptual Framework for e-Resilience and e-Adaptation*, Angelica Valeria Ospina and Richard Heeks, Centre for Development Informatics, Institute for Development Policy and Management, Manchester University, UK, 2010.

Guiding Principles for Adaptation to Climate Change in Europe by the European Topic Centre on Air and Climate Change (ETC/ACC) of the European Environment Agency (EEA)

The paper presents a set of guiding principles for good adaptation in Europe and identifies specific elements that support its successful implementation. It aims to support adaptation processes for a wide range of situations and actors (e.g. public authorities, businesses, NGOs) by offering a synthesis of key aspects to better structure the complexity inherent when dealing with adaptation to climate change. More than 250 adaptation experts from 35 European countries took part in a survey conducted by the Potsdam Institute for Climate Impact Research and effect.

Institutions and policy processes: the means to the ends of adaptation

Stephen R. Dovers and Adnan A. Hezri

Institutions and institutional change are mentioned often but rarely specified in discussions of climate adaptation. Policy change is proposed, but the detail of policy processes less often discussed. Adaptation to increased climate change and variability will require policy interventions to change behaviors across multiple sectors, requiring policy processes constrained or enabled by institutional settings.

Guiding principles for adaptation to climate change in Europe by the European Topic Centre on Air and Climate Change (ETC/ACC) of the European Environment Agency (EEA).

Climate change adaptation and disaster risk reduction: Contested spaces and emerging opportunities in development theory and practice. Philip Ireland E-mail: philip.ireland@mq.edu.au Macquarie University, Department of Environment and Geography, Sydney, NSW 2300, Australia

Reports**Asia-Pacific Regional Climate Change Adaptation Assessment**

The report provides a regional analysis of climate adaptation needs of the Asia-Pacific region in order to identify opportunities for USAID to deepen its regional engagement in supporting adaptation to climate change in Asia. Asia-Pacific Regional Climate Change Adaptation Assessment – Final Report: Findings and Recommendations, United States Agency for International Development (USAID)-Asia, April 2010.

Adaptation Benchmarking Survey - CSIRO, Australia

This report documents the results of a series of surveys and interviews undertaken to benchmark the current level of climate adaptation activities in Australian organizations. Results suggest that adaptation planning is more likely to occur if an organization has more knowledge of climate change in general; has conducted formal vulnerability assessment; has prior experience with longer-term strategic planning; and has contact with external organizations to provide information and assistance. Adaptation Benchmarking Survey: Initial Report, Working Paper No. 4, John Gardner, Richard Parsons and Gillian Paxton, CSIRO Climate Adaptation National Research Flagship, 2010.

Vulnerability Assessment of People, Livelihoods and Ecosystems in the Ganga Basin

This report analyses vulnerability by taking into account factors like exposure, sensitivity and adaptive capacity levels of the system in the Ganges basin, India.

Books**Climate Change in Regional Australia: Social Learning and Adaptation**

This book presents case studies of community-level approaches to climate change mitigation and adaptation.. It shows how a social learning approach can bring about fundamental changes with lasting impacts at the local level. The book concludes that the adaptive response will work only if it is diverse and varied, and it will demand forms of engagement that have not been embraced seriously before. Climate Change in Regional Australia: Social Learning and Adaptation, John Martin, Maureen Rogers and Caroline Winter (editors), Centre for Sustainable Regional Communities, Latrobe University, Melbourne, Australia, 2010.

Developing Adaptation Policy and Practice in Europe:

Multi-level Governance of Climate Change: E. C. H. Keskitalo (ed), Springer, 2010: This volume targets the development of adaptation policy in European countries with different relations between central, regional and local government, asking how adaptation policy has emerged at different levels. Proceeding from a multi-level governance perspective, the book includes a theoretical framework on adaptation. The book concludes by discussing the development of adaptation policy in the cases. It also shows that the different paths for adaptation policy chosen in different cases can be related to administrative culture, including centrality of government and the role of local and regional actors.

Study

Promoting Climate-Resilient Water Management and Agricultural Practices

The project, 'Promoting Climate Resilient Water resources Management and Agricultural Practices in Rural Cambodia' is being implemented by the Ministry of Agriculture, Forestry and Fisheries (MAFF) and the Ministry of Water Resources and Meteorology (MOWRAM) to increase the adaptive capacity of key stakeholders in water resource management and agriculture sectors to appropriately and effectively address the impacts of climate change. The project, which is based on NAPA priorities, will identify, prioritise and drive needed policy reforms necessary to overcome constraints to the design, planning and implementation of technically and economically feasible measures on adaptation to climate change. Project interventions will focus on the needs of the poor agricultural communities that are most vulnerable to the impacts of climate change. The project, will build the capacity of selected local communities to adapt to changes in water and land resources resulting from climate change.

Pro-Poor Adaptation to Climate Change in Urban Centers: Case Studies of Vulnerability and Resilience in Kenya and Nicaragua by Caroline Moser et al. Sustainable Development Network, Social Development Department, the World Bank.

Article

Adaptive Urban Governance: New Challenges for the Second Generation of Urban Adaptation Strategies to Climate Change, Jorn Birkmann et al., *Sustain Sci*, vol. 5, pp. June 2010

Toolkits

Integrating Adaptation to Climate Change into Secure Livelihoods

This toolkit allows government officers engaged in the field of disaster risk reduction and livelihood climate change to conduct (1) a project-specific analysis of climate change and how this fits into options available for livelihood development, and (2) development of specific national-level climate change document, think-piece, or strategy that may be prepared as baseline information for a country programme strategy paper.

Hands-on Energy Adaptation Toolkit – HEAT

This toolkit enables climate vulnerability and adaptation assessments of the energy sector. It tells decision-makers on how to adapt the energy sector to increase its resilience to climate variability and climate change.

Designing Climate Change Adaptation Initiatives: A Toolkit for Practitioners

The toolkit is a step-by-step guide on how to develop adaptation initiatives in developing countries. The guide helps to understand how to differentiate between a climate change “adaptation” and a traditional development initiative, and what key elements must be considered when developing and designing an adaptation initiative. It sets out the fundamental components of the design process, the approach to building stakeholder consensus, and key tools and methodologies.

The toolkit is breaking grounds being one of the first hands-on guides assisting developing countries to move to low emission climate resilience growth paths while mobilizing financial resources to scale-up good practices with sufficient speed and where most needed.

Video

Community-Based Mangrove Reforestation and Management in Vietnam: This video shows how planting mangroves and their sustainable management enables vulnerable communities to reduce the risks from physical and economic impacts of disasters.

Newsletter

The Adaptation subprogramme of the UNFCCC secretariat 's latest Nairobi Work Programme (NWP) newsletter: The NWP eUpdate, November 2010 edition.



Secretariat

Adaptation Knowledge Platform

AIT-UNEP Regional Resource Centre for Asia and the Pacific
 Outreach Building, P.O. Box 4, Klong Luang
 Pathumthani 12120, Thailand
 Tel: +662 524 5386/5384
 Email: info@climateadapt.asia
 Website: <http://www.climateadapt.asia>



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