

Activities

of interest under CAPaBLE

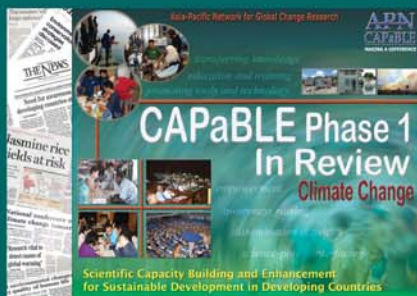
- scientific capacity building and enhancement for sustainable development
- science-policy interfacing
- awareness-raising activities
- dissemination activities



In its first 3 years, CAPaBLE

- trained over 300 scientists
- raised the awareness of more than 4000 people on climate and global change issues
- published over 50 peer-reviewed papers

CAPaBLE Phase 1 in Review : KEY MESSAGES



- facilitated development of research infrastructure and transfer of expertise and technology
- strengthened regional collaboration
- developed and enhanced scientific and technical capabilities of researchers
- new and enhanced awareness of policy-makers and civil society
- successful science-policy interactions
- successful development and better use of climate change tools for decision-making processes
- unique and timely outputs that can be incorporated into future work on climate change

Climate in Asia and the Pacific : A Synthesis of APN Activities



The APN has embarked on a two-year synthesis entitled **Climate in Asia and the Pacific: A Synthesis of APN Activities**; taking into account APN project and other related activities on climate change and their contribution to the challenges that the global community is being faced with in the light of climate change.

The Climate Synthesis Team will be synthesising the work of over 50 APN-funded climate projects, focussing specifically on:

- Food, Agriculture and Climate
- Seasonal Climate Prediction & Applications
- Climate Variability, Trends and Extremes
- Regional Climate Change Modelling
- Vulnerability & Adaptation to Climate Change
- Climate Change Mitigation
- Coastal Cities and Climate Change
- Climate Change Policy and Outreach

The synthesis will be published in March 2011 and is expected to be a key citation for the IPCC AR5.

Scientific Capacity Development for Climate Impact and Vulnerability Assessments



APN strongly recognises that science can support informed decisions and aims to develop the scientific capacity of vulnerable Asia-Pacific countries in order to make informed decisions on how best to reduce the risks associated with climate change.

Asia-Pacific Region Highly Vulnerable - There are sharp differences across regions when it comes to the distribution of vulnerabilities and those in the weakest economic positions are the most vulnerable to climate change.

Key vulnerabilities to climate change are associated with many climate-sensitive systems: Food and water resources, coastal systems, ecosystems, biogeochemical cycles, and modes of oceanic and atmospheric circulation.

APN has awarded seven grants to developing nations in the region:

- Vulnerability Assessment & Urban Development for Asian Coastal Cities (Thailand)
- Capacity Development on Integrating Science and Local Knowledge for Impact & Vulnerability Assessments (Philippines)
- Advancing Community-based Scientific Capacity to Support Climate Change Adaptation (China)
- Capacity Development for Impact & Vulnerability Assessments: In-Situ/Satellite Measurements of Sea-Level Rise (Indonesia)
- Developing Research Capacity on Assessing Community Livelihood Vulnerability to Climate Change Impacts in Central Viet Nam and Mekong River Delta (Thailand)
- Capacity Development for Climate Change Adaptation in Rural Coastal Zones of Viet Nam
- Developing Capacity of the Scientific Community for Assessing the Health Impacts of Climate Change in Pakistan (Pakistan)

Scientific Capacity Building and Enhancement for Sustainable Development in Developing Countries

APN CAPaBLE MAKING A DIFFERENCE

Of main relevance to CAPaBLE is Part 111 of JPOI:

Establish regular channels between policy-makers and the scientific community for requesting and receiving science and technology advice for the implementation of Agenda 21, and create and strengthen networks for science and education for sustainable development, at all levels, with the aim of sharing experiences and best practices, and building scientific capacities, particularly in developing countries.



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