

# APN's Capacity Building endeavour, in line with **GEOSS** principle “...to be driven by **user needs**”



## OUTCOMES of the APN Scoping Workshops on Global Observations and Capacity Building Needs of the Region: Focus - Climate

### Gaps Where Capacity Building is Needed

- inadequate user involvement
- lack of access to data
- scarcity of scientists, technical infrastructure and funding
- limited research experience
- lack of familiarity with methods and models
- limited archived data and analytical interpretation
- weak/lack of collaboration among scientists of multiple disciplines



1st Scoping Workshop in Tokyo, Japan  
November 2005

### Most Vulnerable Sectors

- food and fibre
- biodiversity
- water resources
- coastal ecosystems
- human health and settlements
- land degradation



Continuous **Training**  
and **Capacity Development** are  
needed to advance efforts towards a  
**comprehensive and sustained**  
**understanding of**  
**Earth processes**



2nd Scoping Workshop in Bangkok, Thailand  
March 2006



### Priority Actions

- intensify communication and information sharing
- research on climate modeling and socio-economic impacts and adaptation
- promote public awareness
- collect, rescue and analyse historical data
- detect ongoing phenomena related to climate change and variability
- link earth observation and climate modeling



The Scoping Workshops were co-organised by the Ministry of the Environment, Japan, US National Science Foundation, Ministry of Natural Resources and Environment, Thailand and the National Institute for Environmental Studies, Japan.

Asia and the Pacific Region alongside Global Community

Asia-Pacific Network for Global Change Research (APN)

For more information, please visit: [www.apn-gcr.org](http://www.apn-gcr.org)