

Asia-Pacific Network for Global Change Research (APN)

Member countries



22 member countries

Australia, Bangladesh, China
 Fiji, India, Indonesia, Japan*
 Republic of Korea*, Lao PDR,
 Nepal, New Zealand*, Malaysia,
 Mongolia, Pakistan, Philippines
 Russia, Sri Lanka, Thailand
 United States of America,
 Viet Nam

* Donor countries

Vision: An **Asia-Pacific region** that is **successfully addressing** the challenges of **global change** and **sustainability**

Goals:

- Support **regional cooperation** in global change research
- **Enhance capabilities** to participate in global change and sustainability research and support science-based decision-making
- **Strengthen interactions** among scientists and policy makers, and providing scientific input to policy decision-making and scientific knowledge to the public
- **Cooperate** with other global change and sustainability networks and organizations.

Main Programmes:



Collaborative
Regional Research
(CRRP)



Scientific Capacity
Development
(CAPaBLE)



Collaborative Research for
Early-Career Scientists
(CRECS)



Science-Policy
Dialogues
(SPD)



Proposal Development
Training Workshops
(PDTW)

Outputs of APN activities

- Funded over 500 projects since 1996
- More than 400 peer-review publications (2010-2018), including **more than 160 projects related to climate vulnerability assessment and climate change adaptation**
- Over 60% of projects are led by researchers/practitioners from developing countries in the Asia-Pacific region, and 70% engage early-career scientists.
- APN research and capacity building projects directly engaged over 7,000 people (2015-2019)
- **Project information is available on the E-Library** at <http://www.apn-gcr.org/resources/>

APN's contribution to global agenda

Intergovernmental Panel on Climate Change (IPCC)

- Over 50 project leaders and APN members contributed to IPCC 5th Assessment Report (AR5)
- Implementation of capacity building activity related to IPCC, Paris Agreement and SDGs in collaboration with authors/reviewers of Chapter 10 of Working Group II of IPCC 6th Assessment Report (AR6)
- 20 project leaders engaged with 20 papers for the Elsevier Special Issue and targeted for WGII IPCC AR6, Chapter (10 Asia)
- Members/project leaders engaged in the current IPCC AR6 cycle as reviewers or authors

United Nations Framework Convention on Climate Change (UNFCCC)

- Funded 3 projects for capacity building for development of National Determined Contributions (NDCs) under CAPaBLE programme

Sustainable Development Goals (SDGs)

- More than 100 projects have multiple connections with the SDGs mainly 13, 14, 15 in over 5 years



Outstanding Project
highlighted in APN's
4th strategic Phase
Report

More information:
<http://www.apn-gcr.org/resources/items/show/1883>

Coordinated Regional Climate Downscaling Experiment (CORDEX) in Monsoon Asia

Three-year project that supported the implementation of CORDEX in the monsoon Asia region by **setting up an open, efficient and shared collaborative platform of groups** working in climate downscaling, vulnerability, impacts and adaptation.

The project team

- **trained about 130 young scientists on climate modelling and downscaling** in Kathmandu, Nepal; Bogor, Indonesia; and Beijing, China.
 - Hands on training on various user modules such as hydrology, agriculture, the economic impact of climate change on agricultural production, land use change etc.;
 - organized science-policy dialogues focusing on climate adaptation during the training workshops.
 - contributed in sharing and exchanging data, experiences and techniques on climate downscaling among CORDEX groups in Asia.
- ✓ **Data products resulting from downscaling techniques will help support assessment research and decision-making in areas affected by climate change, including agriculture, ecosystems, health, hydrology, land cover change and water resources**

