



# An Overview of APN

Xiaojun Deng, Programme officer for Communication and Development  
Asia-Pacific Network for Global Change Research  
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# What is APN?

The APN (Asia-Pacific Network for Global Change Research) is an **inter-governmental network** that

- Fosters **global change research** in the Asia-Pacific region
- Increases **developing country participation** in global change research
- Strengthens **links** between the **science community and policy makers**

*\* We define global change as the set of natural and human-induced changes in the Earth; in its physical, biological, and social systems that, when aggregated, are significant at a global scale.*

# What is APN?

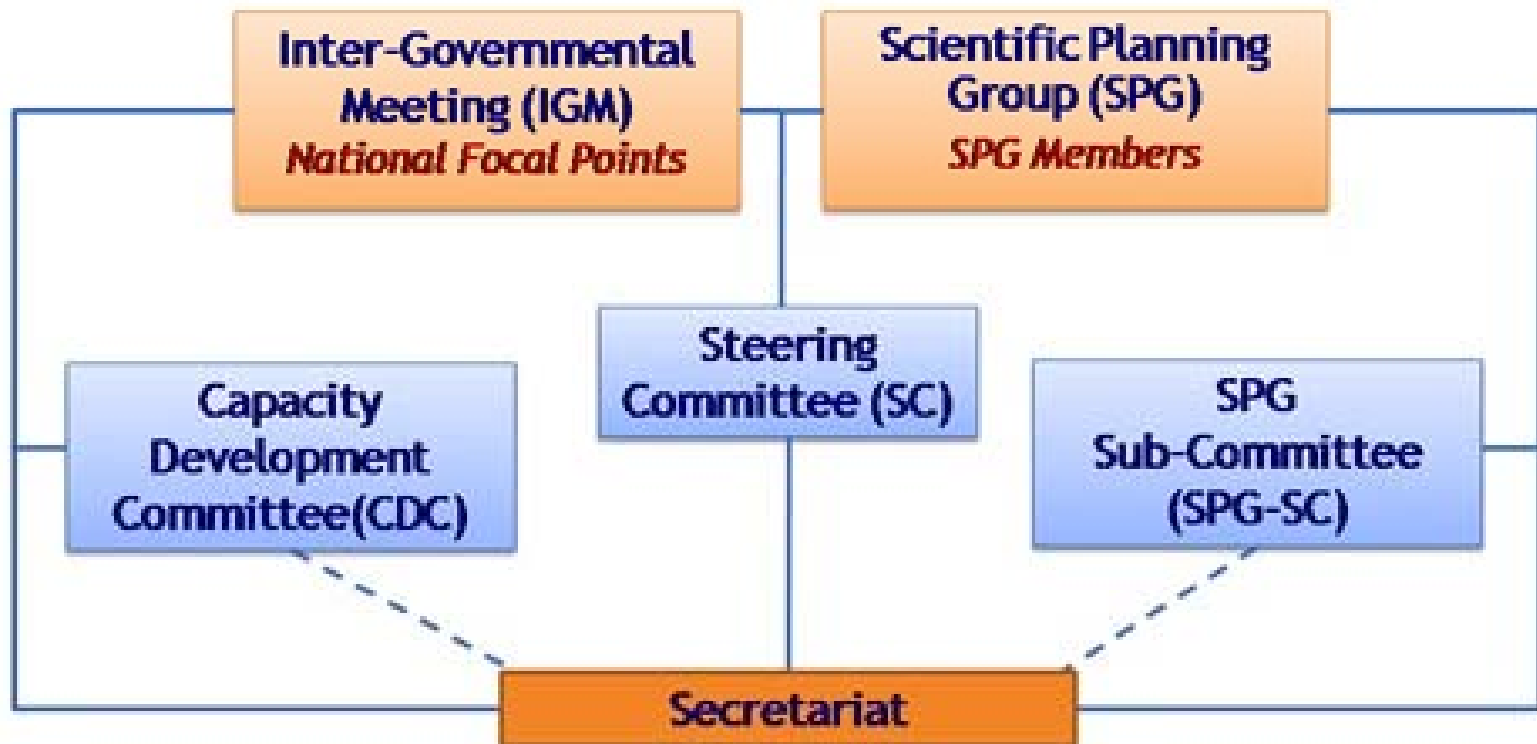
- Established in 1996 as a result of the 1990 White House Conference on Science & Economics Research Related to Global Change
- Full time Secretariat in Kobe, Japan since 1999
- Major activities
  - Research projects (ARCP)
  - Capacity building projects (CAPaBLE)
  - Science-policy linkages

# APN Today

- A total of **22** Member Countries\*
- Managing **39** ARCP and CAPaBLE Projects (2012/13)
- Financial Contribution for 4 donor countries: **Japan, USA, Republic of Korea, New Zealand**
- Financial Resources: **US\$ 3 Million** (2012/13)
- New focused activities on **Climate Adaptation and Low Carbon Development**

*\* Pacific Island Countries and Singapore are approved countries whose scientists are eligible to receive funding under APN awards.*

# APN Structure



# APN Third Strategic Phase (2010–2105)

## Goal 1

- Supporting regional cooperation in global change research on issues particularly relevant to the region

## Goal 2

- Strengthening appropriate interactions among scientists and policy-makers, and providing scientific input to policy decision-making and scientific knowledge to the public

## Goal 3

- Improving the scientific and technical capabilities of nations in the region including the transfer of know-how and technology

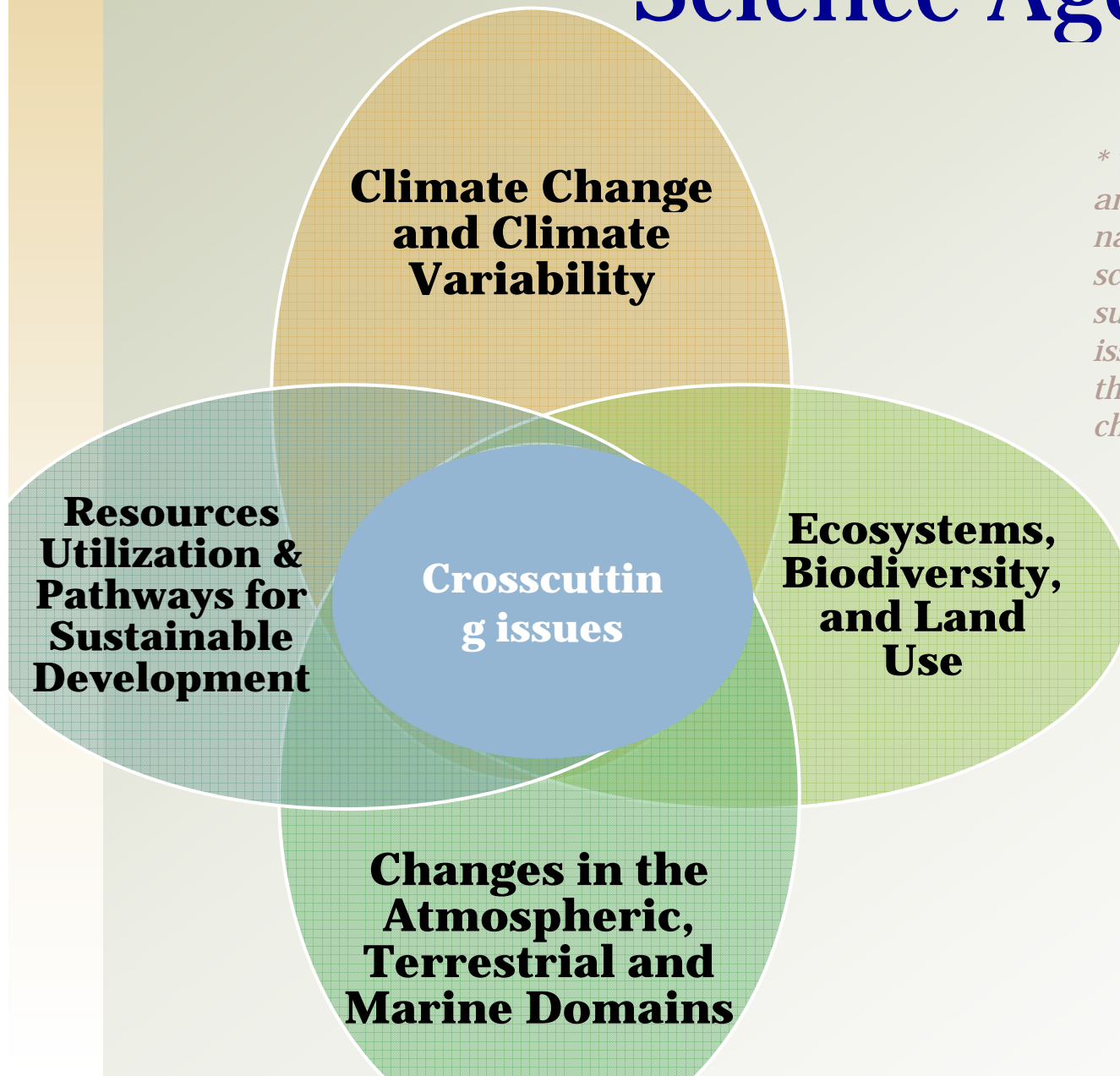
## Goal 4

- Cooperating with other global change networks and organizations

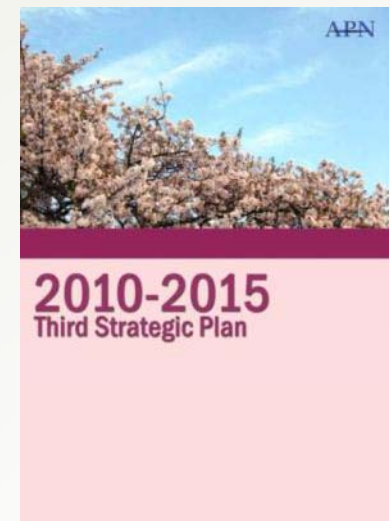


**2010-2015**  
Third Strategic Plan

# Science Agenda (3SP)



*\* The four themes are interrelated and involve the interface of natural, social and political sciences. Thus, APN will also support research on crosscutting issues, science-policy linkages and the human dimensions of global change.*



# Core Activities: ARCP

- ARCP: Annual Regional Call for Research Proposals



Projects that aims to improve **regional and national networking of scientists** in specialized fields of research, which resulted in improved collaboration

Research outcomes that will result in **better understanding** of the impacts of global change in the region and an **increased awareness** of these issues by policy-makers and resource managers



Projects that were designed to **meet the needs for scientific information** relevant to regional issues



# Core Activities: CAPaBLE

- CAPaBLE: Scientific Capacity Building/Enhancement for Sustainable Development in Developing Countries



Provide opportunities for young scientists to discuss relevant issues on global change and developed professional networking for future collaborative efforts



Facilitate interactions between scientists and policy-makers as well as enhanced the knowledge base of information relevant to regional climate change impacts



Enhance technical training of scientists and practitioners and produce well-designed educational and training materials for local application

# APN E-Lib: a Database of APN Projects and Publications

APN E-Lib Home List projects APN publications Back to main site

Search entire E-lib

## Welcome to APN E-Lib

The E-Lib is a centralized database of information on APN projects and related outputs. It contains metadata and outputs of all completed and ongoing APN projects since 1998, as well as APN publications such as the Science Bulletin, books, proceedings, reports and policy briefs, etc.

### Project Search

Keywords... Search Advanced

#### Quick browse

By programme: ARCP CAPABLE SCBCIA EBLU RUSO

By focused activity type: By tag

By year: Select year ...

By scientific thematic area: Select thematic area ...

- Past and ongoing projects
  - project metadata
  - output/outcomes
- APN publications

[www.apn-gcr.org/resources](http://www.apn-gcr.org/resources)

## APN Publications

<b>Science Bulletin &amp; Project Bulletin</b> Published annually featuring research articles and updates from projects under the two key programmes and other focused activities. <a href="#">Browse &gt;</a>	<b>Synthesis Reports, Books &amp; Workshop Proceedings</b> Major publications providing scientific input and recommendations to scientists and decision-makers in the global change community. <a href="#">Browse &gt;</a>	<b>Pamphlets &amp; Policy Briefs</b> Concise, thematically focused publications with sharp messages for decision makers, scientists and the general public. <a href="#">Browse &gt;</a>	<b>APN Newsletter</b> A quarterly publication highlighting latest information from the APN Secretariat as well as updates from selected projects. <a href="#">Browse &gt;</a>
<b>IGM/SPG Meeting Proceedings</b> Compilations of official records of Inter-Governmental Meetings and Scientific Planning Group Meetings, meeting documents and selected presentations. <a href="#">Browse &gt;</a>	<b>Evaluation Reports &amp; Strategic Plans</b> Review of past strategic phases and plans for new ones. The Strategic Plan sets the science and institutional priorities of the APN for 5-year periods. <a href="#">Browse &gt;</a>	<b>Annual Reports</b> Published annually to showcase APN achievements over the past financial year, including major activities, events and project outputs. <a href="#">Browse &gt;</a>	<b>Other Information Materials</b> Flyers, posters, brochures, and other information materials for all stakeholders, including the science and policy communities and the general public. <a href="#">Browse &gt;</a>

# Climate Adaptation Programme

- Development of high-resolution observational, model and downscaled datasets that can contribute to filling data gaps
- Sharing of needs-oriented data
- Calibration and validation of regional climate models; and analysis of projections and assessment of uncertainties
- Development and utilization of impact, vulnerability, risk and economic assessments
- Improvement of communication skills of scientists and practitioners with stakeholders including local government, community, private sector and civil society, for encouraging policy-makers to formulate and implement adaptation plans based on the latest scientific knowledge
- Utilization of available information including climate data in applications for adaptation

# Low Carbon Initiatives Programme

## Regional-based research

- Advanced research to develop/deepen understanding of some components of integrated assessment models, focusing on land-use change, energy use, and regional economic integration;
- Regional comparative research of APN developing country low-carbon development pathways and scenarios;
- Research on cross-cutting issues, including traditional cultures and other behavioural/societal patterns;
- Basic research towards formulating low-carbon development path and scenarios; or
- Other research in line with developing and/or improving low carbon green growth that will lead to post Rio+20 Sustainable Development in the Asia-Pacific Region.

## Capacity Development

- Develop and strengthening the capacity of APN developing member countries by providing training opportunities in, for example:
- Undertake activities that may strengthen the Science-Policy interface in low carbon as well as strengthen the APN's partnerships with the Global Change Community and other networks in the Low Carbon arena;
- Undertake dialogues between researchers and national/local policy-makers for helping and improving collaboration between them toward planning national low carbon development strategies; or
- Undertake targeted activities that promote South-South cooperation amongst APN member countries and disseminates messages to policy-makers.



East Building, 4F  
1-5-2 Wakinohama Kaigan Dori  
Chuo-ku, Kobe 651-0073, Japan  
Tel: +81-78-230-8017  
Fax: +81-78-230-8018

For more information,  
please visit:

[www.apn-gcr.org](http://www.apn-gcr.org)

or email

[info@apn-gcr.org](mailto:info@apn-gcr.org)

