

Asia-Pacific Network for Global Change Research



Cooperation with APN

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Asia-Pacific Network for Global Change Research

What is APN?

Structure, Purpose, History, Member, Goals

What is the APN?

Structure

- Inter-governmental network
- Asia-Pacific region

Purpose

- Foster global change research
- Increase developing country participation in global change research
- Strengthen links between scientists and policy-makers

The Global Change Community

Scientific Community

Programmes

IGBP

IHDP

WCRP

DIVERSITAS

**Research
Network**

START

Governmental Networks

IAI

APN

ENRICH

History of the APN

- 
1990 White House Conference on Science and Economics Research Related to Global Change
 - 
1992-95 Planning Workshops
 - 
1996 Official Launch
 - 
1997 First Call for Proposals
 - 
1999 Adoption of the 'APN Strategic Plan 1999-2004' in Kobe
- Work of the APN'

21 Member Countries

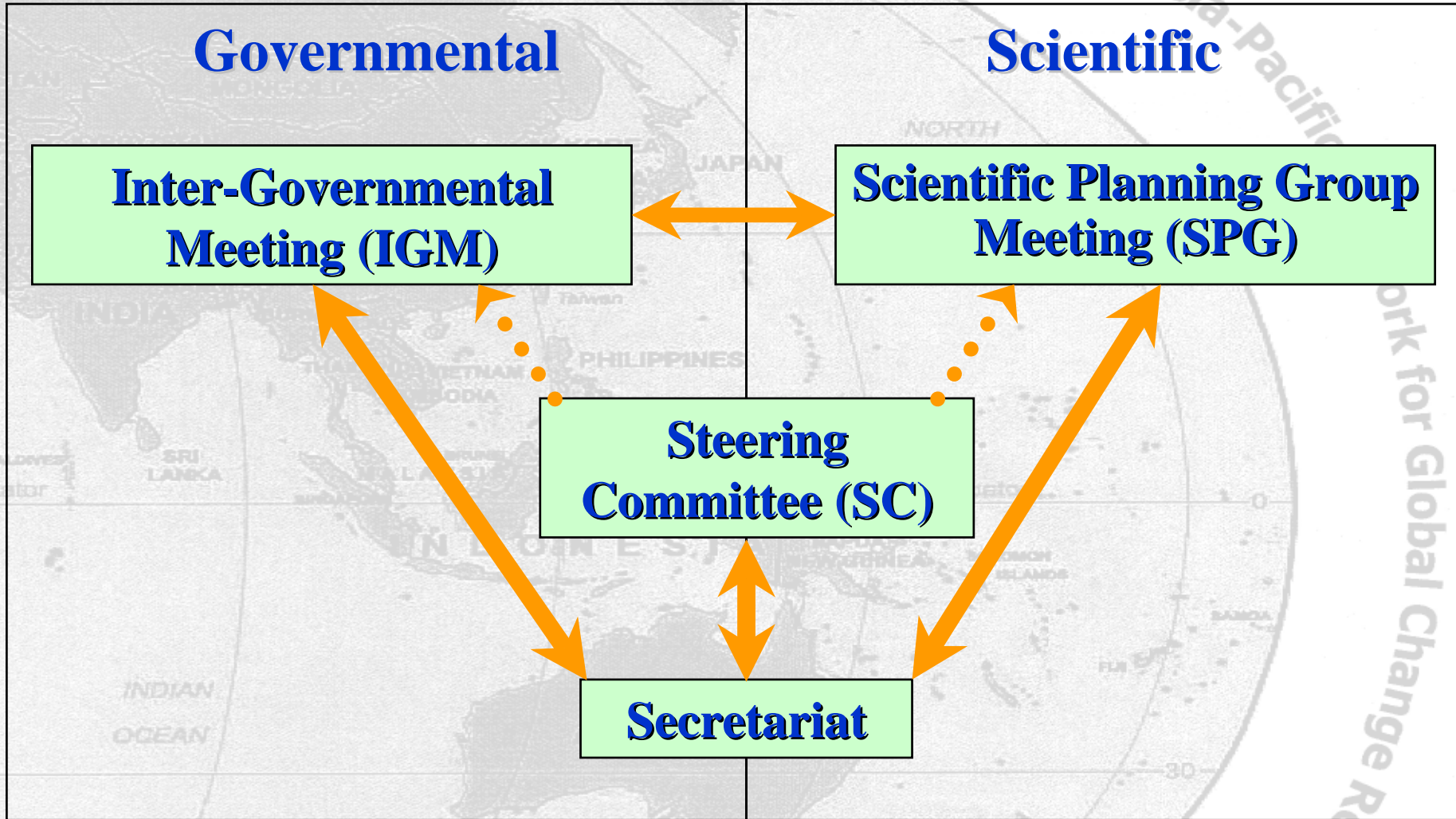
- Australia
- Bangladesh
- Cambodia
- China
- Fiji
- India
- Indonesia
- Japan
- Lao PDR
- Malaysia
- Mongolia
- Nepal
- New Zealand
- Pakistan
- Philippines
- Republic of Korea
- Russian Federation
- Sri Lanka
- Thailand
- USA
- Viet Nam

Future Membership Development

Brunei, PICs, Singapore

Asia-Pacific Network for Global Change Research

Organisational Structure



APN Goals

- To support regional cooperation in global change research on issues particularly relevant to the region
- To strengthen the interactions among scientists and policy makers, provide a scientific input to policy decision making and scientific knowledge to the public
- To improve the scientific and technical capabilities of nations of the region

APN Goals

- To facilitate the standardization, collection, analysis and exchange of scientific data and information relating to global change research
- To cooperate with other global change networks and organizations
- To facilitate the development of research infrastructure and the transfer of know-how and technology




Asia-Pacific Network for Global Change Research

Annual Funded Project

Call for Proposals

Asia-Pacific Network for Global Change Research

Process for Application of Proposals

- 
Call for Proposals launched in April
- 
Pre-Proposal Stage (OPTIONAL)
 1. provide assistance to proponents in identifying suitable collaborators in the region
 2. provide opportunities to combine similar proposals into broader regional projects
 3. assist proponents on specific questions they may have concerning their proposal
- 
Full Proposals (must submit by the deadline)

Research Framework



Changes in Coastal Zones & Inland Waters

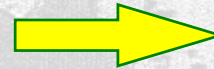
Climate Change & Variability

Changes in Atmospheric Composition

Changes in Terrestrial Ecosystems & Biodiversity



Integration of the findings of natural science with social and economic factors



Input to policy making and implementation

Eligibility for Application of Proposals

- **MUST** be related to an area of scientific interest within APN's Research Framework
- **MUST** be based in an APN approved country
- **MUST** involve actions or contributions from at least three APN approved countries, at least two of which must be developing countries
- **MUST** follow the specified format as outlined in the "Guide for Proponents"



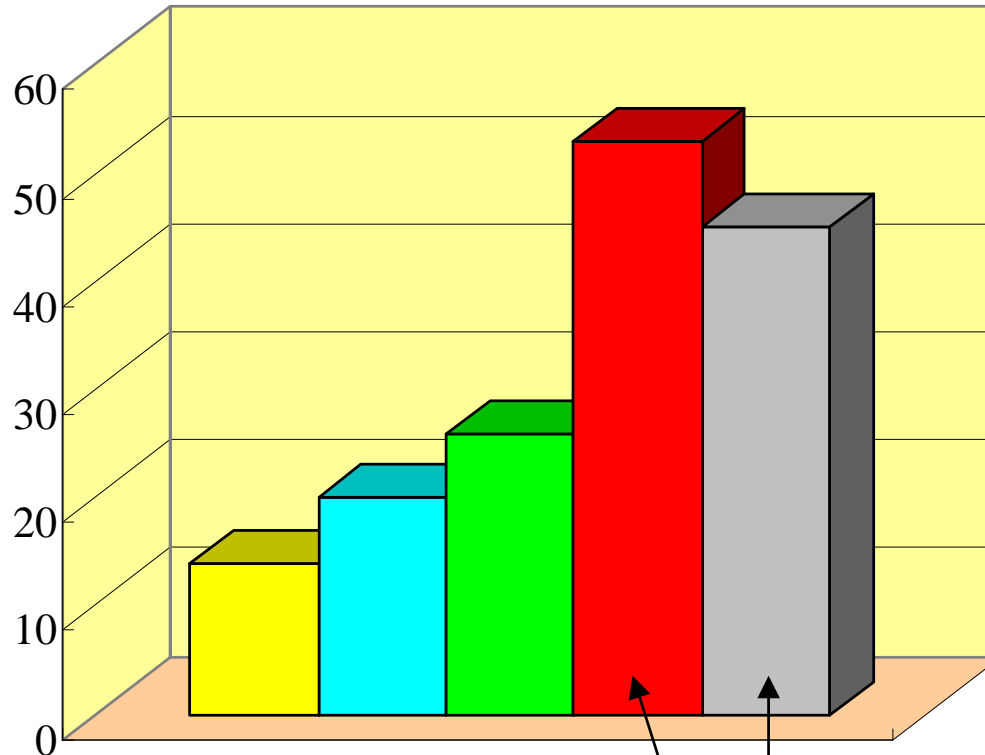
Funding

- Recently, an average US\$ 45,000 was awarded for APN funded projects under the annual “Call for Proposals”
- Every year, about 18 projects are approved
- APN provides for all proposals approx. US \$750,000 per year
- Multi-year projects can be considered
- Co-financing is strongly encouraged



Trend of the APN Projects

Research Areas

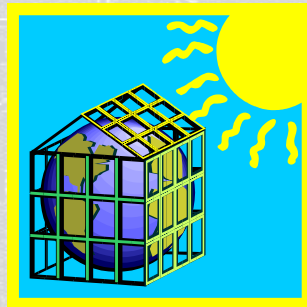


Total Number of the APN approved projects from 1998 to 2003

- Changes in Atmospheric Composition
- Changes in Coastal Zones and Inland Waters
- Changes in Terrestrial Ecosystems and Biodiversity
- Climate Change and Variability
- Human Dimensions of Global Change

High Priority Areas

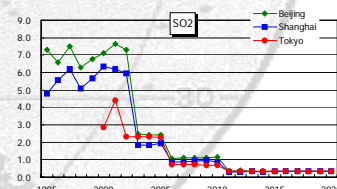
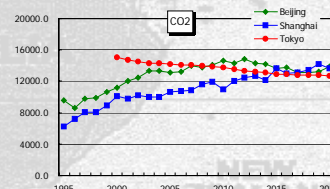
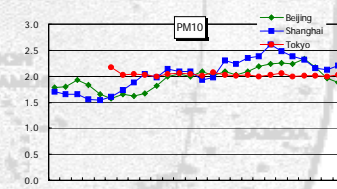
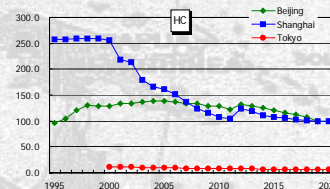
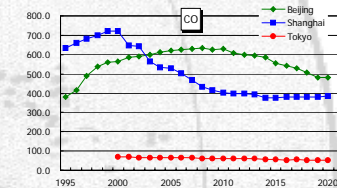
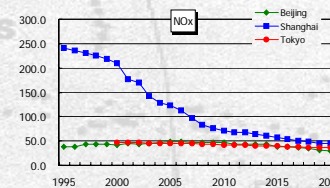
APN Projects - Making a Difference



Changes in Atmospheric Composition

APN 2002-04

**The Budgets of GHGs,
Urban Air Pollutants and
Their Future Emission
Scenarios in Selected
Mega-Cities in Asia**



APN Projects - Making a Difference



Changes in Coastal Zones & Inland Waters

APN 2002-16

**Atoll Island Change
and Linkages to
Sea-level Variations in
Oceania**



Leeward side of Fatato Island looking across the lagoon toward the northern islands

APN Projects - Making a Difference



Changes in Terrestrial Ecosystems & Biodiversity

APN 2002-17

**PABITRA Network for
Collaborative Research on
the Ecology of Global
Change in Island
Landscapes of the Tropical
Pacific**



APN Projects - Making a Difference



Climate Change & Variability and the Human Dimensions of Global Change

APN 2003-02

**Applying Climate Information
to Enhance the Resilience of
Farming Systems Exposed to
Climatic Risk in South and
Southeast Asia**

