

Asia-Pacific Network for Global Change Research



**APEIS Capacity Building Workshop on Integrated
Environmental Assessment of the Asia-Pacific Region**

New Delhi, 24-26 October 2002

Dr. Linda Anne Stevenson

What is the APN?

Structure

- Inter-governmental network
- Asia-Pacific region

Purpose

- Foster global change research
- Increase developing country participation in research
- Strengthen science-policy links

The GC Community

Scientific Community

*Governmental
Networks*

Programmes

IGBP

IHDP

WCRP

DIVERSITAS

**Research
Network**

START

APN

ENRICH

IAI

APN

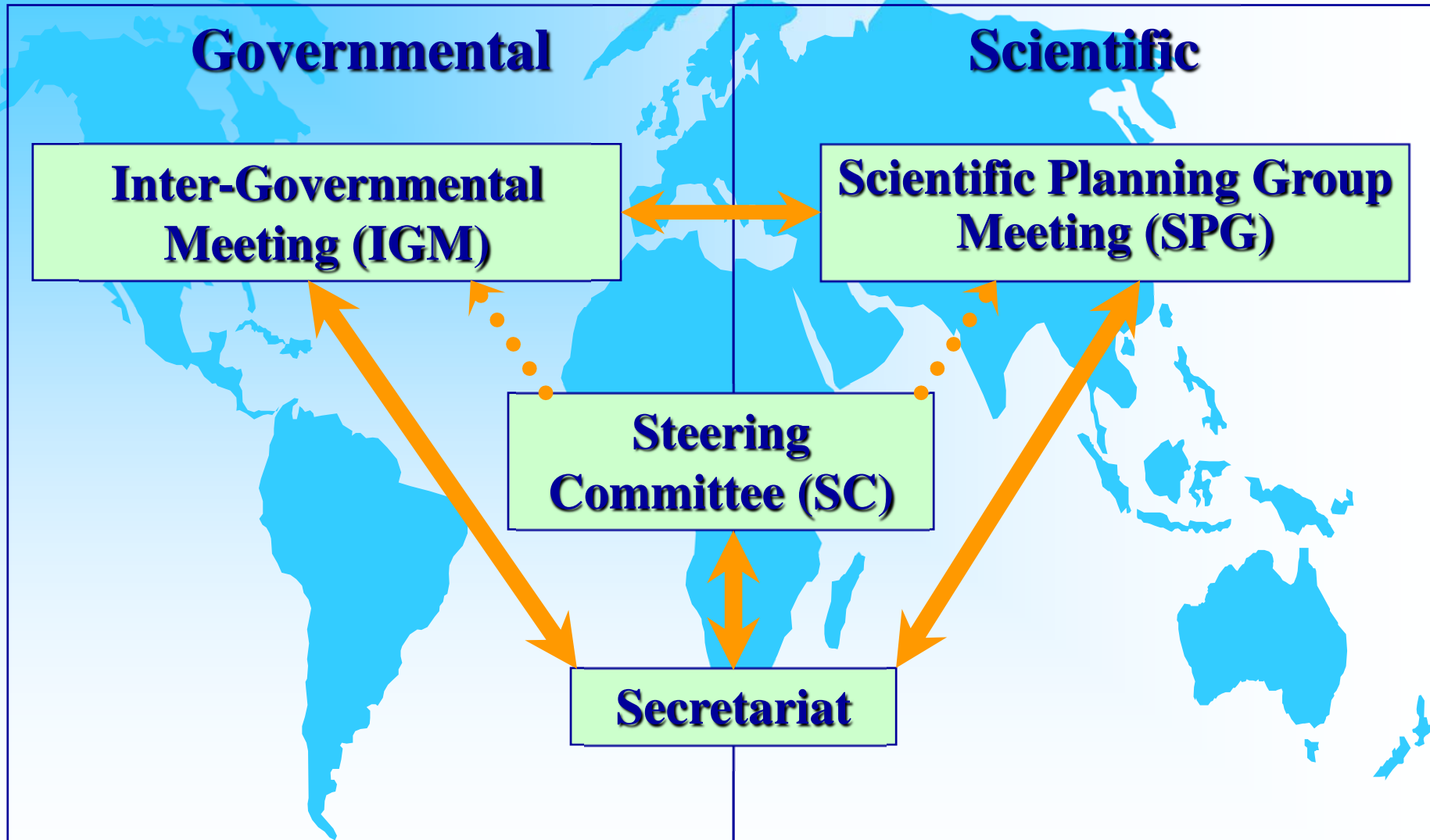
APN History

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- **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'
 - **1999** Dedicated Secretariat Established in Kobe
 - **2000** Initiation of Networking and Capacity Building Programme
 - **2002** Adoption of the 'Framework of the APN'

21 Member Countries

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

Organisational Structure



APN Liaison Officers

● *Oceania:*
**Leigh-Anne
Buliruarua**

University of the South Pacific,
Suva, Fiji

● *South Asia:*
C. Sharma

National Physical Laboratory, New Delhi,
India

● *South East Asia:*
Anond Snidvongs

Southeast Asia START Regional Centre,
Bangkok, Thailand

● *Temperate East Asia:*
Yang Ying

Inst. of Atmospheric Physics, Chinese
Academy of Sciences, Beijing, China

APN 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

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

Distribution of APN Funding

APN Project Funds



Research Gaps

(incl. synthesis & analysis of existing results)

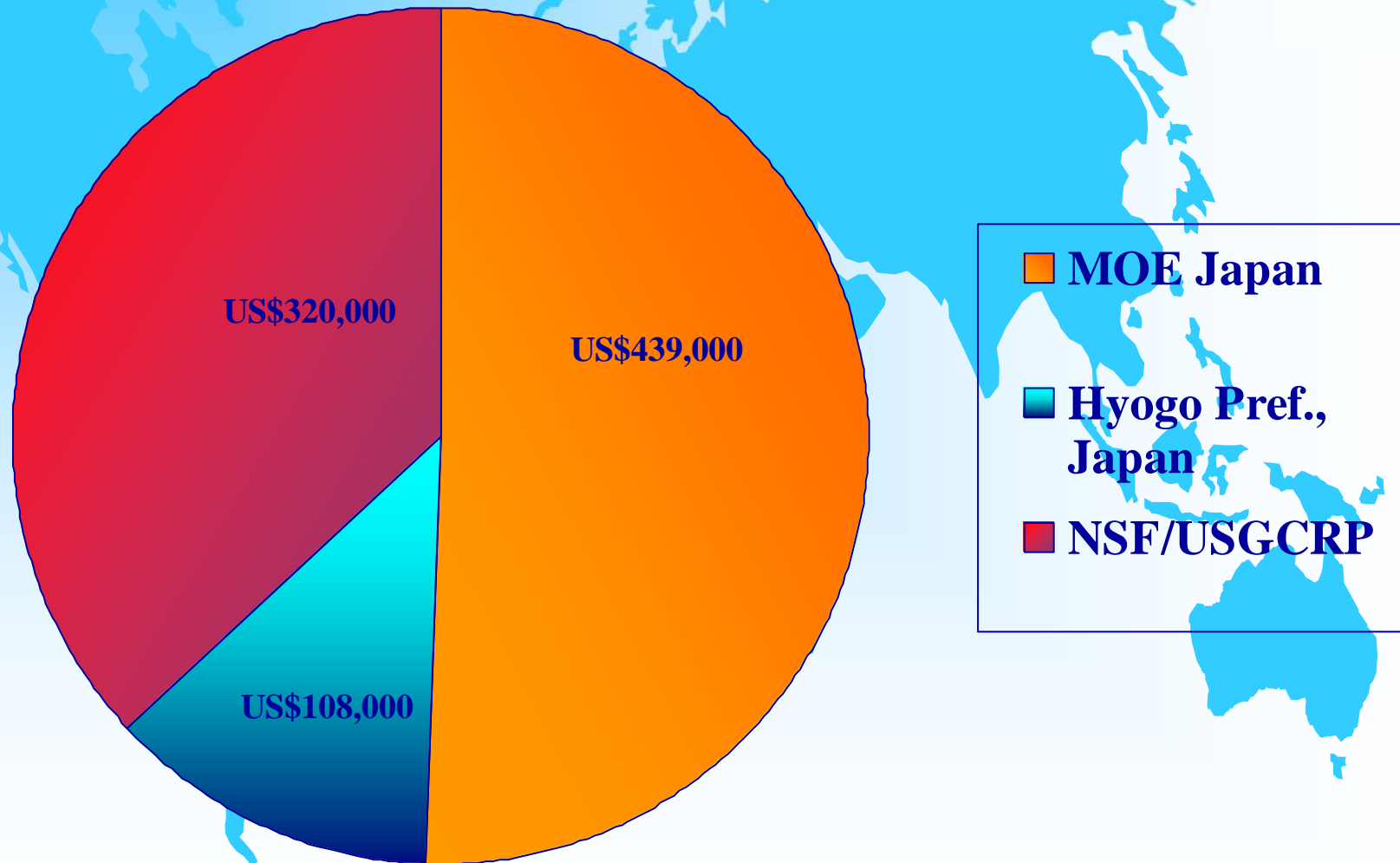
Capacity Building & Networking

Planning & Scoping Workshops

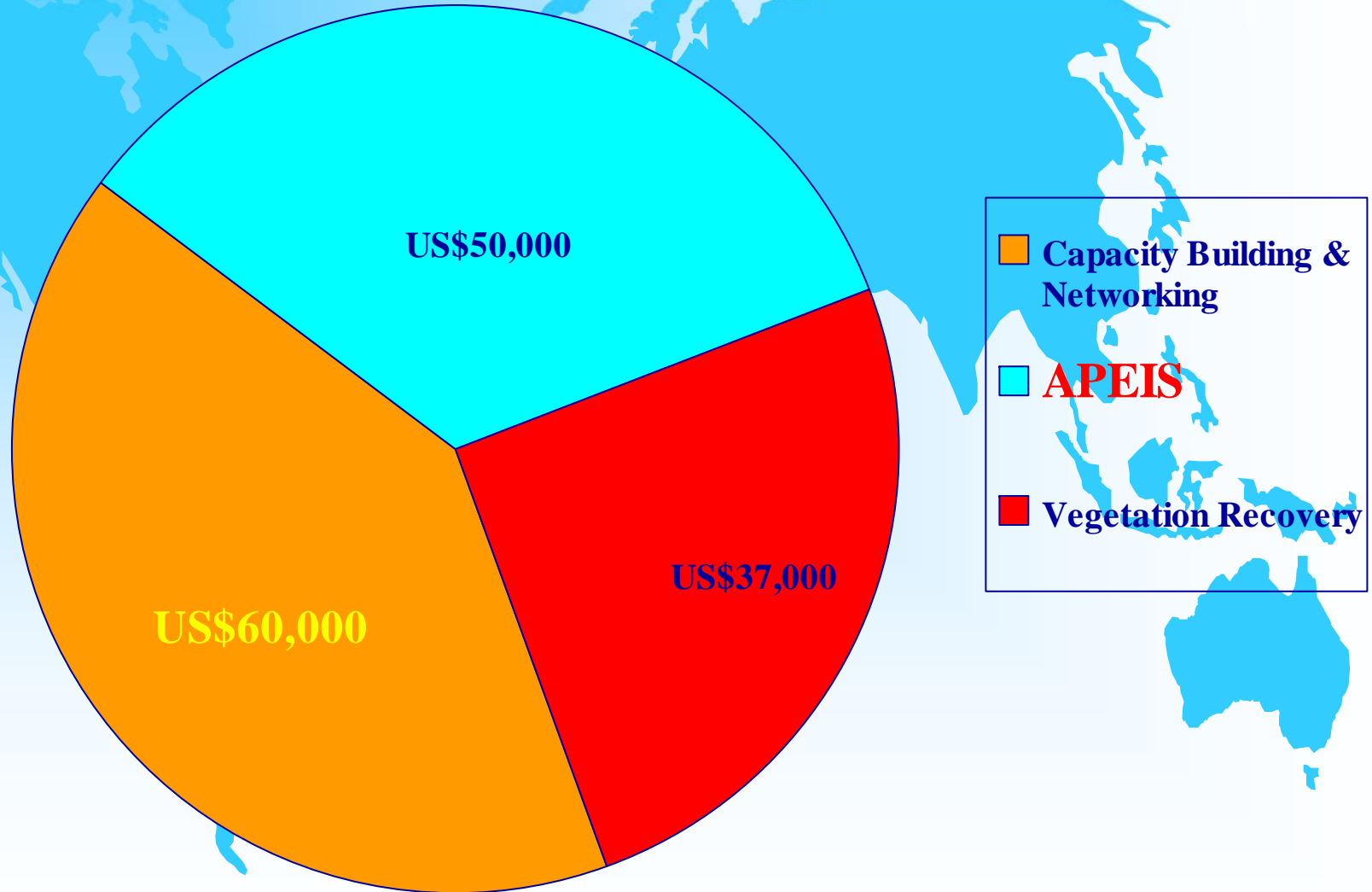
Policy Products

(e.g. Impact Assessments, Climate Models)

2002-2003 Budget for Funded Projects



2002-2003 New Activities



APN Networking and Capacity Building Programme



APN developing countries who were considered to have the least scientific capacity or the weakest links to the regional research community were “targeted countries” in the APN N&CB programme

APN Capacity Building Activities

Regional workshops

(East Asia, South Asia, and Southeast Asia)
has allowed participants to:

- gain an overview of global change issues from international organisations
- identify regional priorities
- pinpoint promising project proposals for submission to APN (and/or other funding agencies)

Note:

care should be taken, given current proposal funding levels, not to raise proponents expectations too high for receiving funding

APN-APEIS Background

- ❖ **APEIS introduced as a new activity at 6th APN Inter-Governmental Meeting (IGM) in 2001**
- ❖ **IGM agreed to support APN's participation at the joint APEIS/MA workshop at the UNU in September 2001**
- ❖ **UNU workshop identified the role of APN in APEIS**

APN's role in APEIS

- **To provide synthesis of APN's past and present research outputs**
- **To co-organise a series of joint capacity building workshops on integrated monitoring and assessment**

Workshop Objectives

(from an APN perspective)

- **To develop the capacity of APN member countries on integrated monitoring and assessment**
- **To facilitate regional research cooperation on integrated monitoring and assessment**
- **To contribute to the implementation of APEIS**

Future Direction of APN

Global change research is *fundamental* to the sustainability of the global life support system and the need for expansion of research-linked capacity

Capacity ↓ Building

A high priority *APN Goal* is to **improve the scientific and technical capabilities** of nations of the region

Future Direction of APN Capacity Building

- Continue with regional workshops
- Fund scoping workshops
- Provide seed money to develop promising proposals from target countries

Future Direction of APN Capacity Building

- Hold awareness raising symposia between SPG and IGM meetings
- Joint CB activities with various bodies (joint workshops will be organised with START & IAI in 2003)
- Type 2 partnership proposal on:
Scientific Capacity Building for Sustainable Development in Developing Countries
(climate change, and water & food security)



Type 2 Partnership Proposal: Scientific Capacity Building for Sustainable Development in Developing Countries

Aim: Develop scientific capacity of developing countries to improve decision-making in target areas related to sustainable development

Target areas: Climate change, and water & food security

Timeline: 2003-2006

Vehicle: Asia-Pacific Network for Global Change Research

Conclusion

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- **Capacity Building** is essential
 - **Early signs indicate a successful APN Networking and Capacity Building programme**
 - **Systematic approach needs to be developed**
 - **Scale of APN Capacity Building activities are proportionate to available funding resources**



APN Secretariat

**IHD Centre Bldg., 5th Floor
1-5-1 Wakinohama Kaigan Dori
Chuo-ku, Kobe 651-0073
JAPAN**

Email: info@apn.gr.jp

<http://www.apn.gr.jp>

Tel: +81-78-230-8017

Fax: +81-78-230-8018