

# 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**

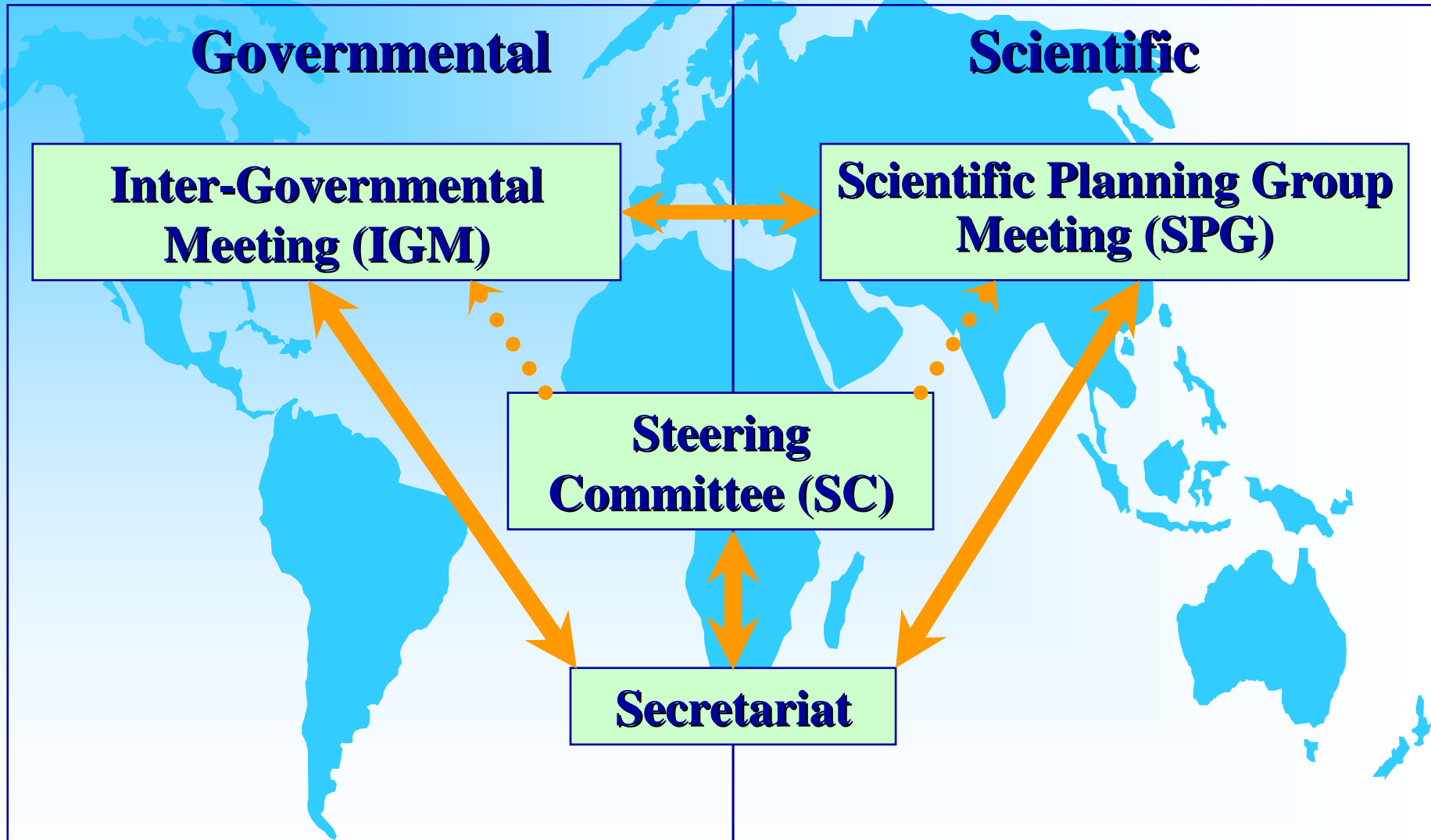
# APN History

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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

- 
- **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)

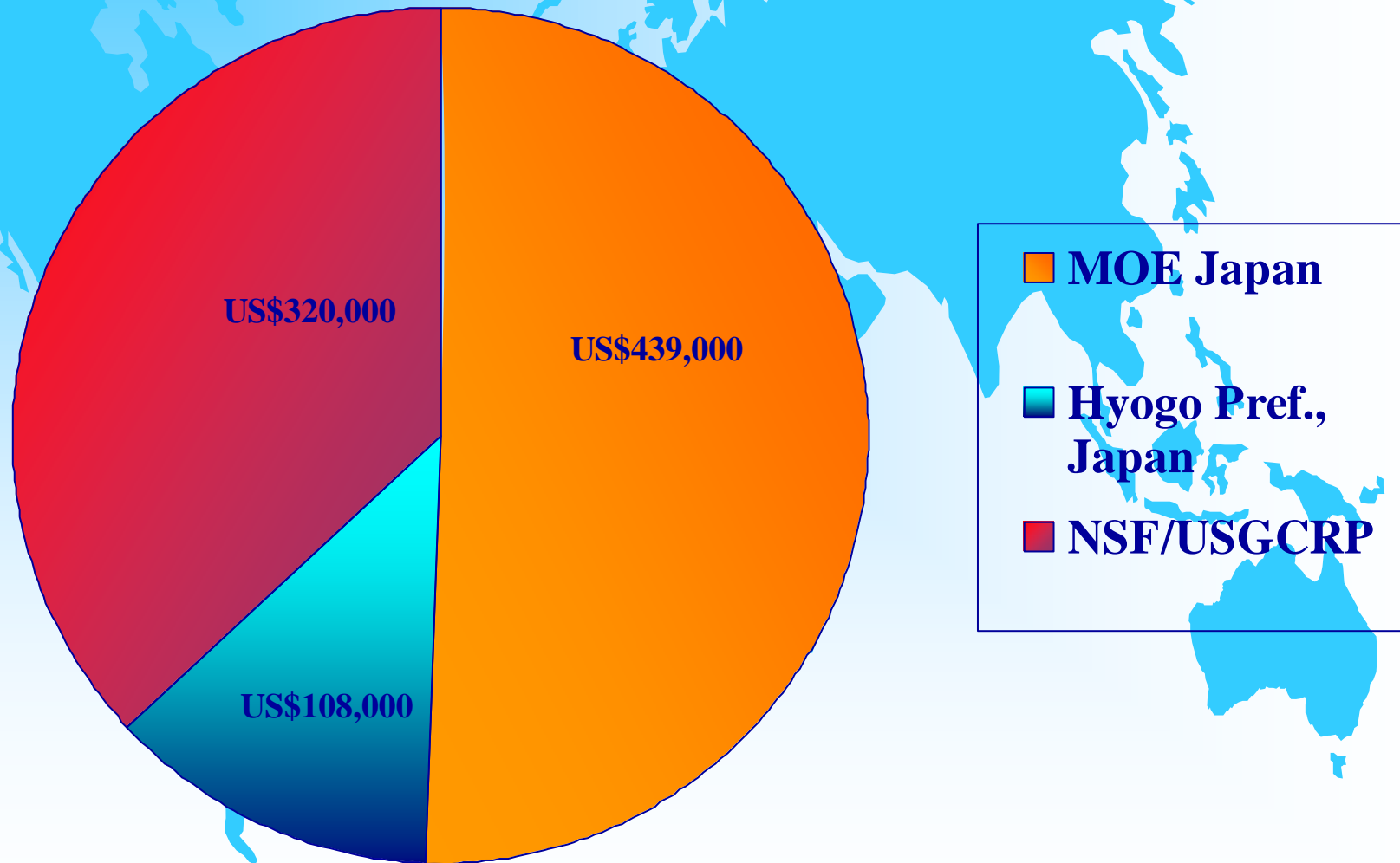
**Capacity Building & Networking**

**Planning & Scoping Workshops**

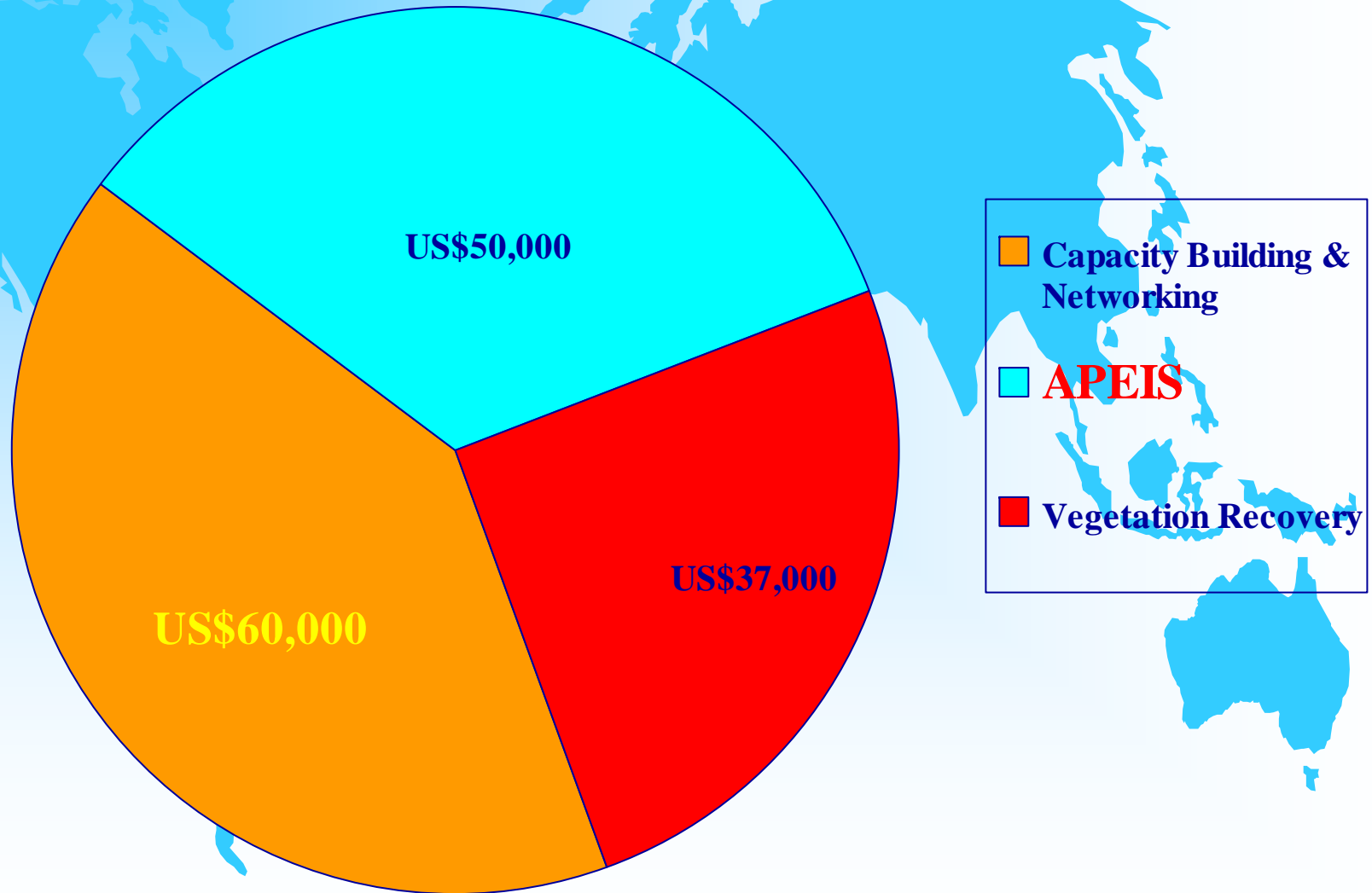
**Policy Products**

(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 6<sup>th</sup> 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)

A light blue world map is centered in the background of the slide. The text is overlaid on the map, with the title at the top and the details below. The map shows the outlines of continents in a slightly darker shade of blue.

# 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., 5<sup>th</sup> Floor  
1-5-1 Wakinohama Kaigan Dori  
Chuo-ku, Kobe 651-0073  
JAPAN**

**Email: [info@apn.gr.jp](mailto:info@apn.gr.jp)**

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

**Tel: +81-78-230-8017**

**Fax: +81-78-230-8018**