An Overview of APN

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Asia-Pacific Network for Global Change Research
25–26 October 2012, Siem Reap, Kingdom of Cambodia
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**
- 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

Inter-Governmental Meeting (IGM)
National Focal Points

Scientific Planning Group (SPG)
SPG Members

Capacity Development Committee (CDC)
Steering Committee (SC)

SPG Sub-Committee (SPG-SC)

Secretariat
### APN Third Strategic Phase (2010–2105)

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<th>Goal 1</th>
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<th>Goal 4</th>
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<td>• Supporting regional cooperation in global change research on issues particularly relevant to the region</td>
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<td>• Strengthening appropriate interactions among scientists and policy-makers, and providing scientific input to policy decision-making and scientific knowledge to the public</td>
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<td>• Improving the scientific and technical capabilities of nations in the region including the transfer of know-how and technology</td>
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<td>• Cooperating with other global change networks and organizations</td>
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*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

- Past and ongoing projects
- Project metadata
- Output/outcomes
- APN publications

www.apn-gcr.org/resources
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

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<th>Regional-based research</th>
<th>Capacity Development</th>
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<td>Advanced research to develop/deepen understanding of some components of integrated assessment models, focusing on land-use change, energy use, and regional economic integration;</td>
<td>Develop and strengthening the capacity of APN developing member countries by providing training opportunities in, for example:</td>
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<td>Regional comparative research of APN developing country low-carbon development pathways and scenarios;</td>
<td>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;</td>
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<td>Research on cross-cutting issues, including traditional cultures and other behavioural/societal patterns;</td>
<td>Undertake dialogues between researchers and national/local policy-makers for helping and improving collaboration between them toward planning national low carbon development strategies; or</td>
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<td>Basic research towards formulating low-carbon development path and scenarios; or</td>
<td>Undertake targeted activities that promote South-South cooperation amongst APN member countries and disseminates messages to policy-makers.</td>
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<td>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.</td>
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For more information, please visit:

www.apn-gcr.org

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