

Goal of Approach:

Mainstreaming scientific knowledge into the formulation and implementation of adaptation plans at national and sub-national scales.

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Main elements of the implementation strategy

- 1) Encouraging national and local government to formulate and implement national and local adaptation plans by utilizing appropriate scientific and local information
- 2) (In order to encourage the above approach,) Developing a various tools that are applicable for users with regard to the following themes
 - High-resolution datasets
 - Sharing of needs-oriented data
 - Calibration and validation of regional climate models
 - Analysis of projections and assessment of uncertainties
 - Impact, vulnerability, risk and economic assessments
 - Communication skills with stakeholders for encouraging policy makers to formulate and implement adaptation plans.
- 3) Enhancing networking among international, regional, national and local organization and networks relevant to climate adaptation.

Targeted beneficiaries

National and local policy-makers and practitioners who are responsible for adaptation plans and implementation. They utilize information and knowhow resulting from the above approach.

Any significant lessons learned

There are lack of data and information necessary for planning and implementing adaptation (including disaster risk management), which are applicable by users (policy-makers, practitioners).
There is a lack of capacity to collect and mine data (to become a good users), lack of high resolution downscaling, lack of common data formats, lack of calibration of regional climate models, etc.
There is still a lack of information sharing among countries, governments, organization, networks, and stakeholders that are related to climate adaptation.

Resource requirements

Information, data and skills that are specified in “Main elements of the implementing strategy (2) and (3)” as follows:

- High-resolution datasets
- Sharing of needs-oriented data
- Calibration and validation of regional climate models
- Analysis of projections and assessment of uncertainties
- Impact, vulnerability, risk and economic assessments
- Communication skills with stakeholders for encouraging policy makers to formulate and implement adaptation plans.
- Partnerships among international, regional, national and local organization and networks relevant to climate adaptation.

Potential for replication or scaling-up

Networking (and partnership) is a key for scaling-up adaptation activities under the condition of limited resources and information in respective countries

Any additional information

The APN is developing a multi-year strategic program to enhance climate adaptation activities in member countries (22 countries in the region) that includes the followings:

- Regional research program that has a capacity building element
- Capacity building program
- Activities jointly conducted with other organizations and networks.