
**ENHANCING THE PARTICIPATION OF
■ DEVELOPING COUNTRIES EXPERTS
IN MODELLING EFFORTS**

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OVERVIEW

- DIFFICULTIES ENCOUNTERED BY DEVELOPING COUNTRIES
- RESPONSES SO FAR
- CONCERNS RAISED ABOUT THESE RESPONSES
- RESPONDING BETTER?

DIFFICULTIES

- **Developing countries are HIGHLY VULNERABLE (i.a.LDCs, SIDS)**
- **But have LOW ADAPTATIVE CAPACITIES (ref. IPCC Reports)**
- **Fully recognized by UNFCCC process/COP Decisions**

RESPONSES (1)

GEF funded programmes

- **Enabling Activities** ⇒
National Communications
- **UNDP/UNITAR - CC:Train**
- **UNDP – PICCAP**
Training tools/certificate courses (NZ)

RESPONSES (2)

- **UNEP - Assessment of Impacts of and Adaptation to Climate Change in Multiple Regions and Sectors**

Targeted to scientific community

- **World Bank – Bangladesh V&A**

Highly participatory approach

RESPONSES (3)

- **'NCSP'**

National Communication Support Programme (UK)

- **MAGICC – Model for the Assessment of Greenhouse Gas Induced Climate Change**

- **SCENGEN – Scenario Generator**

- **The Adaptation Policy Framework – APF**

Grounded in present climate risks to build adaptation policy and plan upon current practice to respond to risks induced by climate change

CONCERNS RAISED (1)

For 90% of 13 Pacific Island CC country teams:

- Much more detailed Sector and Case Study specific Vulnerability Assessments; and
- Development of National specific Climate Modelling Tools

ARE HIGH PRIORITY!

CONCERNS RAISED (2)

- Restricted coverage of the observed climate change data in current models is a problem.

⇒ Such coarse resolution (5°latitude/longitude) is especially important for SIDS & Mountainous Areas (LDCs!)

CONCERNS RAISED (3)

- Uncertainties of General Circulation Models due to limited availability of variables (Extreme events)
- Data required - as input to impact models - are not consistently collected, inaccessible or poor quality

CONCERNS RAISED (4)

- Non availability of technical material in other language than English
- High Costs to acquire such modelling tools and related training

NO ONE SIZE FITS ALL!

RESPONDING BETTER

(1)

Ad-hoc interventions will not work



**Decision 2/CP.7 and 5/CP7
Including Capacity Building
Framework**

Should be quickly implemented

RESPONDING BETTER

(3)

- **Support for data collection must be made available to Non Annex I Parties.**

Currently, GEF cannot fund this type of request.

RESPONDING BETTER

(4)

- Relevant and User Friendly Modelling tools are urgently needed.
- ⇒ To be relevant & user friendly, users must involved in their production (Samoa)
- ⇒ Enough resources should be provided to experts from/in developing countries in a sustainable manner

HAND IN HAND TOGETHER!

RESPONDING BETTER

(5)

- Success stories "Certificate Courses" based in Research centers /University in the South should be replicated: it would fund/generate local work on modelling tools in appropriate language.

- University of South Pacific (Fiji)
- National Institute of Ecology (Mexico)

RESPONDING BETTER

(6)

- **New V&A initiative to implement the APF in Latin America could be replicated to other Regions/ sub regions.**



**Shift from using modelling tools only
To support for policy and strategy
development**