

INTERIM REPORT ON THE IPCC EXPERT MEETING ON ASSESMENT OF AND INTEGRATED ANALYSIS OF ADAPTATION AND MITIGATION

WMO OFFICE, GENEVA, 20 - 22 MAY 2003

1. Introduction

At the 20th session of IPCC in Paris, February 2003, the interrelations between the three Working Groups of IPCC were discussed as part of the preparation of the scoping of the Fourth Assessment Report (AR4). Seven subjects were defined as so-called “Cross cutting themes (CCTs)”, among which “Integration of Mitigation and Adaptation”.

In the SAR and TAR, assessment of current knowledge relating to adaptation and to mitigation was treated quite separately. Yet UNFCCC has recently referred to the combination of these as possibly being of importance. This would require increased cooperation between scientists in WG II and III, and possibly joint authorship of chapters in AR4. Examples of issues where comparability of analysis would improve the IPCC’s assessment include assessment of the roles of technology, costing methodologies, and time-scales of implementation.

Twenty-six scientific experts with backgrounds from WG II and WG III, and co-chairs and TSU staff of WG II and WG III met in Geneva on 21 and 22 May 2003 with the following objectives:

- identification of key issues in relationship between adaptation and mitigation
- a proposed structure for / approach to incorporating M&A in WGII and WGIII of AR4
- identification of required expertise
- proposal for carrying the process forward into AR4

The key questions that were posed for the Expert meeting were:

- What are the main relationships between adaptation and mitigation (at different levels)?
- What consequences would different (global/regional) mitigation/stabilisation strategies have for necessary (regional) adaptation?
- To what extent are trade-offs or combined strategies (at national level) possible?
- What are the impediments (e.g. different time scales, different regional dimensions, etc.) to combined strategies ?
- How could the issue be structured in AR4?
- Would there be sufficient literature? (what additional research would be needed?)
- What expertise would be required for AR4?

Meeting Agenda

First evening, 20 May (evening session only):

Registration, overview of meeting structure, and Cocktail reception (Attique Restaurant, WMO)

Full day one (21 May):

0900-11.00: First morning session (plenary):

Introduction to meeting, objectives, purpose, expected outcome, etc

- Co-chairs of WGII and WGIII and Co-anchors (no more than a few minutes each)
- **Overview: issues and scales to be addressed during workshop** (15 min presentation +10min discussion per presentation)
 - Tom Wilbanks
 - Stewart Cohen

- Tom Kram

11.00-11.15: Tea/Coffee break

11.15-13.00: Second morning session (plenary)

Projects and integrated strategies

- Introductory (short) presentations by selected experts
 - Shardul Agrawala
 - N.H. Ravindranath
 - E. la Rovere

1300 -1400: Lunch

1400-1530: First afternoon session (plenary)

Trade-offs in the context of stabilisation - including cost aspects

- Introductory (short) presentations by selected experts
 - Jonathan Koehler
 - J. Pan
 - Carlo Jaeger
- Plenary to describe form and content of break-out groups and establish participation for next session (along similar lines to the presentations)

1530-1545: Tea/Coffee break

1545-1700: Second afternoon session

Break-out groups

Full day two: 22 May

0900-0915: Plenary to describe form and content of break-out groups and establish participation

0915-1300: Break out groups

- Methodological issues (e.g. time frames, role of technology, decision frames, management issues, analytical techniques, etc)
- How to incorporate M&A into AR4?
- Chapters and expertise required?

1300-1400: Lunch

1400-1530: Report back from break-out groups and discussion (plenary)

1530-1545: Tea/coffee

1545-1800: Drawing conclusions and next steps

2. Presentations

2.1. Introduction by the co-chairs and Co-anchor

- Dr. Oswaldo Canziani, co-chair of WG II: history of the treatment of Adaptation and Mitigation in SAR and TAR
- Dr. Martin Parry, co-chair of WG II: an Integrative approach to Adaptation and Mitigation
- Dr. Bert Metz, co-chair of WG III: Objectives of the meeting and draft Structure of WG III in the AR4
- Dr. Saleemul Huq;

2.2. Overview: issues and scales

- Stewart Cohen : Adaptation & Mitigation: A possible approach for identifying similarities, differences and linkages
- Tom Kram: Overview of issues for IA of Adaptation and Mitigation

2.3. projects and integrated strategies

- Shardul Agrawala : Similarities/Differences between adaptation and mitigation – Nepal case study
- Alexej Kokorin: Grazing management
- Hubert Meena: Adaptation and Mitigation interface
- Mohan Munasinghe: Linking Adaptation and Mitigation in a sustainable development framework
- Ravindranath: Mitigation & Adaptation Synergy at project level
- Atiq Rahman: Mitigation must, adaptation too: Poorest cannot pay anymore (also presented at COP8)

2.4. Trade-offs in the context of stabilisation - including cost aspects

- Jonathan Koehler : Major Gaps in Knowledge
- J. Pan: Adaptive Emissions: a conceptual framework for integrated analysis of adaptation and mitigation
- Carlo Jaeger : A Totrep on Climate Change

3. Break –out group discussions

During two days, break out groups were formed that discussed:

1. Linkages (synergy and conflicts)
2. Methodologies incl costing and optimization
3. Equity
4. Mitigative and adaptative capacity
5. Sustainable Development, Financial mechanisms, Mainstreaming

In addition, cross cutting elements were discussed, such as time/ scale/organizing principles, baselines, and development pathways.

4. Synthesis of discussions

There are both synergies and conflicts between mitigation and adaptation.

It has been suggested to treat AM in the AR4 in the following way:

- Both WG II and WG III would have a common introduction with concepts and methodological issues;

- Adaptation measures including their positive and negative influences / feedbacks on mitigation options would be assessed by WG II
- Mitigation options including their positive and negative influences / feedbacks on vulnerability and adaptation would be assessed by WG III
- Finally a common WG II/III part would describe i.a. trade-offs and antagonisms, based upon the “5 reasons for concern” (impacts) as addressed in the TAR SYR. The common part could be included in the AR4 SYR or in a TP.

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