

# Introduction to the SBSTA research dialogue

**SBSTA 34 workshop on research**

Bonn, Germany, 2 June 2011



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### Previous research dialogues

- First dialogue: Special side event at SBSTA 24, then informal discussions (SBSTA 26, 28)
- Open dialogue meetings SBSTA 30, 32
- Side event at SBSTA 33
- Next dialogue meeting on 8 June, 11:00 to 14:00 in Hotel Maritim, Bonn



### *-Between Parties and regional and international climate change research programmes and organizations–*

- Initiated in response to [COP decision on research needs relating to the Convention \(9/CP.11\)](#)
- Objective to regularly inform the SBSTA of developments in research activities relevant to the needs of the Convention
- Parties to inform research community on their research priorities
- Parties have emphasized the usefulness of continuous and enhanced dialogue between Parties and research programmes and organizations



### Research activities relevant to the needs of the Convention:

- Emerging scientific findings;
- Research planning activities, including those undertaken in response to key uncertainties and research needs identified by the IPCC or raised by Parties;
- Research priorities, and gaps in the implementation of these priorities;
- Research capacity building activities, particularly in developing countries;
- Regional climate change research networks;
- Relevant communication issues



## SBSTA 32 conclusions on RSO

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Possible ways to enhance the effectiveness of the research dialogue:

- Better identification and communication of research themes and topics of interest to policymakers;
- Greater opportunities for developing countries to present research results and related capacity-building activities;
- Further activities to share information;
- Identification of additional ways to communicate research outcomes and findings to Parties

The SBSTA also addressed the following:

Challenges of communicating research results to end users and to a wider audience

The need to engage observation programmes in the research dialogue



### FCCC/SBSTA/2010/MISC.12 and FCCC/SBSTA/2011/MISC.1

*Views on issues related to the research dialogue, including possible ways to enhance its effectiveness and the workshop to be held in conjunction with SBSTA 34. Submissions from Parties.*

### FCCC/SBSTA/2011/INF.1

*Summary of proposed themes for the research dialogue meeting and the related workshop to be held in conjunction with SBSTA 34. Note by the secretariat.*

### FCCC/SBSTA/2011/MISC.4

*Update on developments in research activities relevant to the needs of the Convention. Submissions from regional and international climate change research programmes and organizations.*

### FCCC/SBSTA/2011/INF.6

*Report of the workshop on the research dialogue. Note by the secretariat.*

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### Submissions by Parties

- *Views on issues related to the research dialogue, including possible ways to enhance its effectiveness, and on the workshop*

Policy-relevant matters identified by Parties include:

- Communicating emerging scientific findings and advances in scientific research since the publication of AR4;
- Discussing possible priorities for further research, including that feeding into AR5;
- Scientific information needed to support issues under consideration within the UNFCCC, such as the review of the adequacy of the long-term global goal in the light of the ultimate objective of the Convention;

### Submissions by Parties (continues)

Policy-relevant matters identified by Parties include:

- Uncertainties, gaps in knowledge and research needs with regard the options for limiting the global average temperature increase to below 2°C and the need to enhance research on matters relating to limiting the average global temperature increase to 1.5°C
- Communication: Success stories to promote innovative ways for a reciprocal research-policy dialogue
- Capacity-building: Enhancing developing country participation through possibilities to present research outcomes of their research efforts and matters linked to capacity-building programmes.



### Submissions by research programmes and organizations

Updates and information on:

- APN Climate Synthesis; APN Biodiversity Gap Analysis
- DIVERSITAS highlights, including on interactions between biodiversity and climate change, biodiversity “tipping points” and issues of relevance to adaptation
- ESSP science highlights, including on agriculture and deforestation; observed impacts of climate change and the society; GHG emissions; carbon sinks; water security and human health
- START capacity-building activities in developing countries and science-policy dialogues at city, national and regional levels
- IAI research advances related to links between land use change and regional climate (La Plata Basin)

### Submissions by research programmes and organizations (continues)

Updates and information on:

- IGBP research highlights on Arctic coasts, ocean fertilization, role of black carbon and nitrogen, terrestrial carbon budget; and ecosystem responses to climate change
- IHDP highlights on human and social dimensions of global environmental change, and capacity development, such as Assessment of Response to Change
- WCRP advances relevant to Climate Model Inter-comparison Project (CMIP5); provision of climate information for decision makers (e.g. GFCS, CORDEX); and training of climate scientists
- AMAP's new assessment of the impacts of the climate change on Snow, Water, Ice and Permafrost in the Arctic (SWIPA) and some of its key findings.

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Thank you!

