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# INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE



UNEP

INTERGOVERNMENTAL PANEL  
ON CLIMATE CHANGE

SEVENTEENTH SESSION  
Nairobi, 4-6 April 2001

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Agenda item: 2  
ENGLISH ONLY

## **DRAFT REPORT OF THE SIXTEENTH SESSION OF THE INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE (IPCC)**

Montreal, 1-8 May 2000

(Submitted by the Secretary)

Parts of the Report of the Session in their final form (appendices B and D relevant to agenda items 2 and 3) had been circulated at the session. Appendix E (relevant to agenda item 4) had been circulated as part of the documentation for the session. Appendix F (relevant to agenda item 6.2) was approved at the session but it was not distributed in its final form. The list of attendees (Appendix I) was also circulated at the session.

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Abbreviations usually used in the Reports of Sessions	
CA	Contributing Author
CLA	Co-ordinating Lead Author
COP	Conference of the Parties to the UN FCCC
COP-x	xth Session of the COP
FCCC	Framework Convention on Climate Change (UN)
GCOS	Global Climate Observing System
GHG	Greenhouse Gas
HFCs	Hydrofluorocarbons
IEA	International Energy Agency
IPCC-x	xth Session of the IPCC
LA	Lead Author
NGGIP	National Greenhouse Gas Inventories Programme of the IPCC
OECD	Organization for Economic Co-operation and Development
RE	Review Editor
SBI	Subsidiary Body for Implementation of the COP
SBSTA	Subsidiary Body for Scientific and Technological Advice of the COP
SPM	Summary for Policymakers
SR	Special Report of the IPCC
TAR	Third Assessment Report of the IPCC
TEAP	Technology and Economics Assessment Panel under the Montreal Protocol on Substances that Deplete the Ozone Layer
TFI	Task Force of the IPCC for NGGIP
UN	United Nations
UNEP	United Nations Environment Programme
WG	Working Group of the IPCC
WGB	Bureau of an IPCC Working Group
WMO	World Meteorological Organization

**1. OPENING OF THE SESSION (agenda item 1)**

1.1 Dr. Robert T. Watson, the Chairman of the IPCC, called the session to order at 1010 hours on Monday, 1 May 2000 at the headquarters building of the International Civil Aviation Organization (ICAO) in Montreal, Canada.

1.2 Prof. G.O.P. Obasi, Secretary-General of the World Meteorological Organization, Dr. J. Illueca, Assistant Executive Director representing Dr. K. Töpfer, Executive Director of the United Nations Environment Programme and Mr. Michael Zammit Cutajar, the Executive Secretary of the United Nations Framework Convention on Climate Change addressed the Panel.

1.3 The agenda, as adopted, is attached in Appendix A.

## **2. APPROVAL/ACCEPTANCE OF THE DRAFT SPECIAL REPORT: LAND USE, LAND USE CHANGE AND FORESTRY**

2.1 The Summary for Policymakers (SPM) of the draft report was approved by the Panel. The approved SPM is attached in Appendix B.

2.2 The assessment of the draft report underlying the SPM was accepted by the Panel. The accepted assessment is not attached to this report to save bulk.

2.3 The delegation of Australia made a statement commending the Chairman on the completion of the report. The statement is attached in Appendix C.

2.4 The delegations of China, Peru, Saudi Arabia and Uganda also expressed their satisfaction at the completion of the report.

2.5 Proposals were made addressing future work related to land use, land use change and forestry. Due to lack of time, however, no decision on any of them was arrived at.

## **3. IPCC PROGRAMME AND BUDGET FOR 2001-2003 (agenda item 3)**

3.1 The Secretary introduced the proposal to the IPCC Financial Task Team (FiTT), chaired by Mr. D. Reifsnyder, the Co-Chairman of FiTT.

3.2 The Panel expressed its deep appreciation to the governments who had contributed to the IPCC activities in cash and kind.

3.3 The Decision on the Budget for 2001 is attached in Appendix D.

## **4. APPROVAL OF THE DRAFT REPORT OF THE FIFTEENTH SESSION (agenda item 4)**

4.1 The draft report was approved without amendments. The approved report is attached in Appendix E.

## **5. ACCEPTANCE OF THE ACTIONS OF THE FIFTH SESSION OF WORKING GROUP III (KATHMANDU, 8-15 MARCH 2000) (agenda item 5)**

5.1 Acceptance of the IPCC Special Report: Methodological and Technological Issues in Technology Transfer (agenda item 5.1)

5.1.1 Prof. Ogunlade Davidson, the Co-Chairman of Working Group III, introduced the following to the Panel for acceptance:

- (a) the SPM of the Special Report: Methodological and Technological Issues in Technology Transfer, as approved at the Fifth Session of the Working Group and
- (b) the underlying assessment of the Special Report as accepted by the Working Group at the same session.

5.1.2 A caution was sounded that case studies, if they were to be used in future reports, should only be those that do not result in increases in the emissions of greenhouse gases.

5.1.3 The Panel accepted the Special Report comprising the SPM and the underlying assessment. The approved SPM is attached in Appendix F.

5.2 Acceptance of the IPCC Special Report: Emissions Scenarios (agenda item 5.2)

5.2.1 Dr. Bert Metz, the Co-Chairman of Working Group III, introduced the following to the Panel for acceptance:

- (c) the SPM of the Special Report: Emissions Scenarios, as approved at the Fifth Session of the Working Group and
- (d) the underlying assessment of the Special Report as accepted by the Working Group at the same session.

5.2.2 The Panel accepted the Special Report comprising the SPM and the underlying assessment. The approved SPM is attached in Appendix G.

## **6. ACCEPTANCE OF THE ACTIONS OF THE INTERIM BUREAU OF THE TASK FORCE ON NATIONAL GREENHOUSE GAS INVENTORIES (agenda item 6)**

6.1 Draft Report on Good Practice Guidance and Uncertainty Management in National Greenhouse Gas Inventories (agenda item 6.1)

6.1.1 Dr. Buruhani Nyenzi, the Co-Chairman of the Task Force on National Greenhouse Gas Inventories, introduced the draft report, Good Practice Guidance and Uncertainty Management in National Greenhouse Gas Inventories, on behalf of the Interim Bureau of the Task Force, to the Panel for acceptance. The draft had been completed earlier by the Interim Bureau.

6.1.2 The Panel accepted the Report.

6.2 Draft Terms of Reference for the Task Force (agenda item 6.2)

6.2.1 Mr. Taka Hiraishi, the Co-Chairman of the Task Force on National Greenhouse Gas Inventories, introduced the draft Terms of Reference (TOR) on behalf of the Interim Bureau. The draft TOR had been developed by the Interim Bureau.

6.2.2 It was pointed out during the discussion that the IPCC Programme on National Greenhouse Gas Inventories was quite different from the other work of the IPCC and that the IPCC had been engaged in general in work on methodologies and inventories such as costing methodologies, Technical Guidelines for Assessing Climate Change Impacts and Adaptations and Inventory of Technologies, Methods and Practices.

6.2.3 The Panel, after discussion, approved the Terms of Reference (TOR). The approved TOR is attached in Appendix H.

## **7. PROGRESS REPORTS ON THE THIRD ASSESSMENT REPORT (agenda item 7)**

7.1 Working Group I: Dr. Ding Yihui and Sir John Houghton, the Co-Chairmen of the Working Group (agenda item 7.1)

7.1.1 Dr. Ding Yihui reported to the Panel that the first of the mandated IPCC reviews, namely the expert ("peer") review, had been completed on the draft contribution of the Working Group to the Third Assessment Report (TAR). A revised draft had been circulated to governments for their technical/scientific review and to experts/participating organizations who had reviewed the draft during the peer review.

7.1.2 In response to a query on Scenario Evaluation Tool, Sir John Houghton stated that the IPCC would not develop climate models. Many models were available and their limitations and uncertainties would be described. Thus, only a guidance paper establishing criteria for the choice of models would be written.

7.2 Working Group II: Dr. Osvaldo Canziani and Prof. James McCarthy, the Co-Chairmen of the Working Group (agenda item 7.2)

7.2.1 Dr. Neil Leary, the Head of the Technical Support Unit of the Working Group, reported, on behalf of the Co-Chairmen, that the peer review had been completed on the draft contribution of the Working Group to the Third Assessment Report (TAR). A revised draft had been prepared for circulation to the governments and experts/organizations.

7.3 Working Group II: Prof. Ogunlade Davidson and Dr. Bert Metz, the Co-Chairmen of the Working Group (agenda item 7.3)

7.3.1 Prof. Ogunlade Davidson reported that the peer review had been completed on the draft contribution of the Working Group to the Third Assessment Report (TAR). A revised draft was in the final stages of preparation for circulation to the governments and experts/organizations.

7.4 Cross-cutting Issues: Dr. Rajendra K. Pachauri and Prof. Tomihiro Taniguchi, Vice-Chairmen of the IPCC (agenda item 7.4)

7.4.1 The two IPCC Vice-Chairmen reported that the Proceedings of the IPCC Workshop held in Tokyo in 1999 on costing methodologies would be published soon. The proceedings of the IPCC Workshop held in Colombo in 1999 on Development, Sustainability and Equity (DSE) had been published and widely distributed. The Guidance Papers prepared under the responsibility of the two Vice-Chairmen had been made available to the Lead Authors of the contributions to the TAR of Working Groups II and III and would be available on the web site; they would also be published. The two Vice-Chairmen would review the relevant draft chapters of the TAR in the light of the Guidance Papers.

7.5 The following points emerged in the discussion:

\*Working Group III, because of the subject matter it deals with, should exercise particular care in avoiding policy-prescriptive language;

\*Research on the regional aspects of climate change, particularly on uncertainties and thresholds, needs to be strengthened.

## **8. OTHER BUSINESS (agenda item 8)**

8.1 *IPCC/UNFCCC Joint Working Group (JWG)*: The Chairman reported that the JWG met on 1 May 2000 and that the schedule for IPCC presentations at the forthcoming Twelfth Session of SBSTA on the three IPCC Special Reports approved/accepted at this session and the Report on Good Practice Guidance and Uncertainty Management in National Greenhouse Gas Inventories was available. Further Special Report(s) or other work from IPCC might be requested by the UNFCCC bodies between June and November 2000.

8.2 *IPCC Communication Strategy*: The Chairman of the Ad-Hoc Group on Communication Strategy, Dr. Rajendra K. Pachauri stated that the IPCC website was receiving about 250,000 hits a month. There was a closed website for information sharing among the TSUs, the IPCC Secretariat and the IPCC Bureau. An observation was made that, in the developing world, the radio was a more helpful tool for disseminating information, particularly to the public.

8.3 *Proposal to the Global Environment Facility (GEF) for capacity-building*: The Chairman reported that the IPCC, with UNEP, was finalizing a proposal for \$ 350,000 for submission to GEF. The request would be for developing a capacity-building proposal as such, or as targeted research matter, which would span 3-4 years with a total funding requirement of the order of 5-10 million dollars. The proposal, if approved, would fund 40-50 developing country academics for a 4-5 year period in Africa,

Asia, Latin America and Small Island States to assess their regional vulnerability and adaptation to climate change. There would be adequate funding for each academic to have one or two graduate students or post-doctoral fellows and resources for data analysis or theoretical modeling. There would also be adequate funding for the experts from each region to meet annually to inter-compare data and modeling results and to participate in the preparation and peer-review of relevant IPCC assessment reports. The proposed global project would fund the utilization of climate model projections of climate change in assessing the impacts of climate change at the regional/national scale and for developing adaptation response options assessments using a consistent methodological approach (IPCC Technical Guidelines for Assessing Climate Change Impacts and Adaptations, 1995). The results of this work could then feed into further regional/national Stage II adaptation studies as part of UNFCCC national communications and into future IPCC assessments. The IPCC would not be either the implementing or the executing agency for the project.

## **9. APPROVAL OF THE REPORT OF THE SESSION (agenda item 9)**

9.1 Parts of the Report of the Session in their final form (appendices B and D relevant to agenda items 2 and 3) had been circulated at the session. Appendix E (relevant to agenda item 4) had been circulated as part of the documentation for the session. Appendix F (relevant to agenda item 6.2) was approved at the session but it was not distributed in its final form. The list of attendees (Appendix I) was also circulated at the session.

9.2 The balance of the Report would be submitted in draft form by the Secretary at the next session.

## **10. TIME AND PLACE OF THE NEXT SESSION (agenda item 10)**

10.1 The Seventeenth Session of the Panel would take place in Nairobi at UNEP Headquarters in April 2001. The exact dates would be announced by the Secretary.

10.2 The Eighteenth Session would take place in the United Kingdom at a time and place to be announced by the Secretary.

## **11. CLOSING OF THE SESSION (agenda item 11)**

11.1 The session closed at 1350 hours on Monday, 8 May 2000.

11.2 The list of attendees is attached in Appendix I.

## **LIST OF APPENDICES**

- Appendix A - Agenda as adopted, attached
- Appendix B - SPM as approved of the Special Report: Land Use, Land Use Change and Forestry, not attached
- Appendix C - Statement by the Australian Delegation to IPCC-XVI following the approval and acceptance of the Special Report: land Use, Land Use Change and Forestry, attached
- Appendix D - Decision on the Budget for 2001, attached
- Appendix E - Report of the Fifteenth Session as approved, not attached
- Appendix F - SPM as approved of the Special Report: Methodological and Technological Issues in Technology Transfer, not attached
- Appendix G - SPM as approved of the Special Report: Emissions Scenarios, not attached
- Appendix H - Decision on the IPC.C National Greenhouse Gas Inventories Programme, attached
- Appendix I - List of attendees, not attached

## **AGENDA**

- 1. OPENING OF THE SESSION**
- 2. APPROVAL/ACCEPTANCE OF THE DRAFT SPECIAL REPORT: LAND USE, LAND USE CHANGE AND FORESTRY**
  - 2.1 Approval of the draft Summary for Policymakers of the Special Report
  - 2.2 Acceptance of the underlying scientific/technical/socio-economic assessment of the Special Report
- 3. IPCC PROGRAMME AND BUDGET FOR 2001-2003**
- 4. APPROVAL OF THE DRAFT REPORT OF THE FIFTEENTH SESSION**
- 5. ACCEPTANCE OF THE ACTIONS OF THE FIFTH SESSION OF WORKING GROUP III (KATHMANDU, 8-15 MARCH 2000)**
  - 5.1 Acceptance of the IPCC Special Report: Methodological and Technological Issues in Technology Transfer
  - 5.2 Acceptance of the IPCC Special Report: Emissions Scenarios
- 6. ACCEPTANCE OF THE ACTIONS OF THE INTERIM BUREAU OF THE TASK FORCE ON NATIONAL GREENHOUSE GAS INVENTORIES**
  - 6.1 Draft Report on Good Practice Guidance and Uncertainty Management in National Greenhouse Gas Inventories
  - 6.2 Draft Terms of Reference for the Task Force
- 7. PROGRESS REPORTS ON THE THIRD ASSESSMENT REPORT**
  - 7.1 Working Group I: Dr. Ding Yihui and Sir John Houghton, the Co-Chairmen of the Working Group
  - 7.2 Working Group II: Dr. Osvaldo Canziani and Prof. James McCarthy, the Co-Chairmen of the Working Group
  - 7.3 Working Group III: Prof. Ogunlade Davidson and Dr. Bert Metz, the Co-Chairmen of the Working Group
  - 7.4 Cross-cutting Issues: Dr. Rajendra K. Pachauri and Prof. Tomihiro Taniguchi, Vice-Chairmen of the IPCC
- 8. OTHER BUSINESS**
  - 8.1 IPCC/FCCC Joint Working Group
  - 8.2 IPCC Communication Strategy
  - 8.3 Proposal to the Global Environment Facility for capacity-building
- 9. APPROVAL OF THE REPORT OF THE SESSION**
- 10. TIME AND PLACE OF THE NEXT SESSION**
- 11. CLOSING OF THE SESSION**

**STATEMENT BY THE AUSTRALIAN DELEGATION TO IPCC-XVI  
FOLLOWING APPROVAL AND ACCEPTANCE OF THE SPECIAL  
REPORT ON LAND USE, LAND USE CHANGE AND FORESTRY  
MONTREAL, 8 MAY 2000**

The IPCC is not normally a forum for speeches or formalities – and we must not change that.

But approval and acceptance of this Special Report is a sufficiently momentous achievement for the IPCC that I believe the very strong sentiments of appreciation and congratulations (not to mention relief) in the body of the room and among the Member countries of the IPCC at this moment need to be expressed and placed on the record.

Finalisation of this Report less than 2 years after it was first requested by SBSTA is a truly remarkable achievement which results from the almost super-human efforts of the Lead Authors and support staff - to whom the IPCC as a body, and its parent organisations are now greatly in debt.

The IPCC was conceived 12 years ago with very high ideals of objectivity and scientific integrity and has developed, as you have often described it yourself, Mr Chairman, as a grand - and highly successful - experiment at the interface of national and international science and policy.

There have been sessions of the IPCC in the past where the political environment was just as intense as it has been here over the past week but none where the pressures on the scientific integrity of the end result have been as great.

We all knew that much of the debate and rewriting of the Summary for Policy Makers would be based on a balance of the interests of the Parties to the Convention and the Protocol rather than from the sole perspective of maximising the scientific integrity and clarity of the Report.

But the fact that, even in those circumstances, after 7 days and nights, we've approved by consensus a balanced and objective Summary for Policy Makers and accepted, with minimum changes, an extremely comprehensive underlying report, is an enormous tribute to the professionalism, integrity and good will of many people.

It's only been possible because of:

- the superb scientific and analytical work of the Coordinating Lead Authors and Lead Authors who have worked tirelessly on the report under enormous pressure and maintained the integrity of the science through their highly professional handling of the debate in this forum;
- the staff of the Technical Support Unit and all the support staff everywhere for their amazing ability to carry through the process in time with outstanding professionalism and efficiency;
- all the expert reviewers who have complemented the role of the Lead Authors in ensuring the scientific rigour and balance of the underlying report.

But, most of all, because of you, Mr Chairman:

- In late June 1998 at the Bad Münstereifel session of the Bureau and Third Assessment Report Scoping Meeting, we marvelled at your courage in advocating strongly that the IPCC should respond enthusiastically and quickly to the SBSTA request of only a week or so earlier.
- We have been in awe of the way you have personally thrown your own enormous energy into the task - in the highly delicate combination of roles of IPCC Chairman and Convening Lead Author.
- We are in total admiration of your openness, frankness, patience and tolerance in steering through this week of what, in many ways and probably inevitably so, turned out to be pre-



- negotiations for SBSTA.
- And especially those of us who have been with the IPCC in both its best and its darkest hours and all who believe that it still has an important role to play at the international interface of climate change science and greenhouse policy - we applaud and congratulate you for the way you and your co-Coordinating Lead Authors have protected the overall scientific integrity of this Summary for Policy Makers through your absolute insistence that, ultimately, its scientific content must be supported by the Lead Authors and by the underlying report.

We extend our enthusiastic congratulations and sincere thanks to you and your co-travellers on this incredible journey and we believe you are entitled to take great pride in what has been achieved.

I am sure that the IPCC's parent organisations, WMO and UNEP, and all the delegations here at this session would want our collective sentiments of appreciation and congratulations to be included in the report of this session.

## **DECISION ON THE IPCC NATIONAL GREENHOUSE GAS INVENTORIES PROGRAMME**

The Panel

Decided:

1. That the objective of the IPCC National Greenhouse Gas Inventories Programme (IPCC NGGIP) is to assess and develop as needed methods and practices for national greenhouse gas inventories in accordance with the IPCC programme of work as approved by the Panel. Overall guidance for the NGGIP shall be provided by the Task Force on Inventories (TFI), whose membership is the same as that of the Panel,
2. That the IPCC is responsible for assessing and developing inventory methods and practices which are scientifically sound and relevant to all countries, noting particularly the lack of information in developing countries. This includes (a) developing methods for estimating emissions of greenhouse gases (GHGs) by sources and removals by sinks, (b) assessing and developing methods to quantify and to manage uncertainties in the estimates of GHGs, (c) assessing the scientific literature related to the development of GHG emission factors and management of inventories, (d) disseminating information related to inventory methods and practices, (e) identifying the implications of the different options in relation to inventory methods and practices and (f) assessing scientific issues related to independent verification,
3. That the IPCC accepts the responsibility to provide scientific and technical advice on specific questions related to inventory methods and practices at the request of the UNFCCC in accordance with established IPCC procedures,
4. That the Task Force Bureau (TFB) will continue to (i) prepare relevant inputs to the IPCC programme of work and, (ii) undertake progress review of the NGGIP and (iii) assist the Panel in its liaison with the United Nations Framework Convention on Climate Change (UNFCCC) and, in particular, the Subsidiary Body for Scientific and Technological Advice (SBSTA) and the UNFCCC Secretariat,
5. That the current composition of the TFB, including its two co-chairs, should be reviewed by the Panel at its Nineteenth Session (IPCC-XIX) in the year 2002 at which time attention should be given to the balance in geographical representation in line with the Principles Governing IPCC Work,
6. That representatives of the UNFCCC Secretariat would be invited to attend sessions of the TFB. Other experts may be invited by the co-chairs to attend as appropriate. TFB members may not be substituted at its meetings, though if its members cannot attend, their technical representatives may be present as observers,
7. That the NGGIP will continue to be assisted by the TSU located at the Institute for Global Environmental Strategies (IGES), with the financial support by the Government of Japan,
8. That the interim Terms of Reference of the TFB remain in force until their review at IPCC-XIX in 2002,
9. That Members of the IPCC be invited to provide written comments on the draft Terms of Reference and the future development of the TFI that was proposed in IPCC-XVI/Doc.11 in time for the next session of the IPCC Bureau with a view to a preliminary consideration of these Terms of Reference and future development proposals at IPCC-XVII,

And

Expresses

Its appreciation to the authors, reviewers, TFB members, and others associated with the completion of the Report, Good Practice Guidance and Uncertainty Management in National Greenhouse Gas Inventories.