

REPORT OF THE 24TH SESSION OF THE IPCC
(Montreal, 26-28 September 2005)

1. OPENING OF THE SESSION

1.1 The Chair, Mr Rajendra K. Pachauri called the Session to order at 10:00 hours on Monday, 26 September 2005, and welcomed the Honourable Stephane Dion, Minister of Environment, Canada.

1.2 Opening Addresses

1.2.1 The Honourable Stephane Dion, Minister of Environment, Canada welcomed delegates on behalf of the Prime Minister of Canada, and delivered a keynote address on the important role IPCC has played in providing governments information required to take action related to climate change, the close links between Canada and the IPCC, and the Canadian climate change policy.

1.2.2 The IPCC Chair, Mr Pachauri thanked the Government of Canada for hosting the Session, highlighted recent progress in the work of the IPCC, in particular the completion of the two Special Reports on Safeguarding the Ozone Layer and the Global Climate System (SROC), and on Carbon Dioxide Capture and Storage (SRCCS) and the preparations for the Fourth Assessment Report (AR4). He mentioned that important issues will be addressed during the Session such as election procedures and emission scenarios. He also urged governments to continue to contribute generously to the IPCC Trust Fund.

1.2.3 The Executive Director of the United Nations Environment Program (UNEP), Mr Klaus Töpfer addressed the Session on the linkages between science and climate change policy and the increasing need for information from the IPCC. He reaffirmed UNEP's commitment to the IPCC and supported early planning for the period beyond AR4.

1.2.4 The Deputy Secretary-General of the World Meteorological Organization (WMO), Mr Hong Yan, on behalf of the Secretary General of WMO, Mr M. Jarraud, addressed the Panel on the importance of the principles of impartiality, transparency, scientific authority and integrity for the past success of the IPCC, the linkages of WMO programmes and IPCC assessments, and WMO's commitment to the IPCC.

1.2.5 Mr Halldor Thorgeirsson, Coordinator of the programme on methods, inventories and science in the Climate Change Secretariat, spoke on behalf of Ms Joke Waller-Hunter, Executive Secretary of the United Nations Framework Convention on Climate Change (UNFCCC). He highlighted the upcoming 11th Session of the Conference of the Parties (COP-11) and related activities, the importance of the SRCCS, the possible postponement of COP-13, and the importance of the IPCC efforts on emission scenarios.

1.2.6 Working Group III Co-chairs, Mr Ogunlade Davison and Mr Bert Metz extended sincere thanks and congratulations from the podium and acknowledged the enormous efforts of the Lead Authors (LAs), the Technical Support Unit (TSU) and the IPCC Secretariat in preparing the SRCCS and stressed the importance of timely dissemination of information to users and the public.

1.3 Working Arrangements

The Secretary confirmed the working arrangements, which are from 10.00 to 13.00 hours for the morning sessions and from 15.00 to 18.00 hours for the afternoon sessions.

1.4 Approval of the Agenda

The Agenda as approved is attached as Annex 1. The list of participants is attached as Annex 2.

2. APPROVAL OF THE DRAFT REPORT OF THE TWENTY-THIRD SESSION

The draft report of the 23rd Session was approved without amendments.

3. ACCEPTANCE OF THE ACTIONS OF THE EIGHTH SESSION OF WORKING GROUP III

The Co-chairs of Working Group III introduced and submitted to the Panel the Summary for Policymakers of the IPCC Special Report on Carbon Dioxide Capture and Storage (SRCCS) as approved and the underlying assessment as accepted by the Eighth Session of Working Group III. The Panel accepted the actions by the 8th Session of Working Group III without a comment. The Chair offered congratulations and expressed appreciation for the achievement of the Working Group.

Delegates requested timely translation of the summaries of the Special Report and encouraged enhanced outreach activities.

Germany, supported by many delegations, emphasized the need for an in depth evaluation of other mitigation options. It proposed the development of a Special Report on renewable energy and invited a timely exchange of views on that matter. Several delegations supported that view and suggested that a proposal should be prepared and distributed for comments before IPCC-25. Other delegations recalled the decision framework for Special Reports and Technical Papers as approved by IPCC-20 and suggested that the matter be considered after the completion of the AR4.

4. IPCC PROGRAMME AND BUDGET FOR 2006 TO 2008

After an introduction by the Secretary, the Chair requested the Financial Task Team (FiTT) under the Co-chairs Mr Marc Gillet and Mr Zhenlin Chen to consider the matter and report back to the Panel for decision.

FiTT met three times during the Session and presented updated tables of contributions and expenditure, the budget for 2006, forecast budget for 2007 and an indicative budget for 2008, as well as a draft decision. In his presentation, Co-chair Mr Gillet urged governments to maintain a contribution level of 5.5 Million SFR per year.

The Panel adopted the decision contained in Annex 3 and the budget for the year 2006 (Table 1), and it took note of the forecast budget for 2007 (Table 2) and of the indicative budget for 2008 (Table 3) contained in Annex 3.

5. PROGRESS REPORTS

5.1 Working Group I

Working Group I Co-Chair, Ms Susan Solomon, reported that the expert review of the first order draft of the Working Group I contribution to the Fourth Assessment Report (AR4) started on 12 September and would end on 4 November 2005. She explained that Working Group I decided on an open process for the expert review and that they also invite and encourage across Working Group reviewers. She informed the Panel that the "Guidance Notes for Lead Authors of the IPCC Fourth Assessment Report on Addressing Uncertainties" have been finalised and posted on the website. The TSUs of Working Groups I and III have jointly completed copy editing of the SROC that is currently being printed by Cambridge University Press. The Co-chairs have also conducted several outreach activities including presentations and coverage on AR4 progress and the SROC.

5.2 Working Group II

Working Group II Co-Chair, Mr Osvaldo Canziani reported that the expert review of the first order draft of the Working Group II contribution to the AR4 started on 9 September and would end on 4

November 2005. He also mentioned efforts on regional indexing and joint activities with other Working Groups to address Cross Cutting Themes (CCTs).

Due to time constraints in preparing the AR4 and the fact that the next World Water Forum will not meet until 2009 he requested a postponement of the completion date for the Technical Paper on Climate Change and Water, originally foreseen in the 3rd quarter of 2007.

The Panel agreed to postpone the completion of the Technical Paper on Climate Change and Water to late March 2008.

5.3 Working Group III

Working Group III Co-Chair, Mr Bert Metz informed the Panel that the SPM and Technical Summary (TS) of the Special Report on Safeguarding the Ozone Layer and the Global Climate System (SROC) are now available, and that the full report will be available in a month or so. The SPM and TS of the SRCCS will be completed before COP-11, but the publication of the full report will take longer. With regard to AR4, the first order draft is under preparation and will be sent for expert review from 28 November 2005 to 20 January 2006. The Third Lead Authors meeting will be held in February 2006 in Beijing. He also reported on the joint Working Group II and III expert meeting on Adaptation, Mitigation and Sustainable Development and the expert meeting and workshop on Emission Scenarios.

Discussion of items 5.1, 5.2 and 5.3

In the debate questions were raised about guidance on the treatment of uncertainty, the use of the regional database, the treatment of CCTs, timelines and conduct of expert reviews. The Chair and Working Group Co-Chairs confirmed that the Uncertainty Guidance paper is now available to all Lead Authors and on the IPCC website; that the regional database developed by Working Group II will be made available to all Working Groups, that CCTs will be addressed across Working Groups to ensure adequate coverage and consistency and that the activities of all Working Groups are on schedule.

5.4 AR4 Synthesis Report (SYR)

The Chair informed the Panel about the outcome of the Management Meeting for the AR4 Synthesis Report held in Baarn, the Netherlands in July 2005 and thanked the UK government for its indication to provide financial support for the position of the Head of the Technical Support Unit for the AR4 SYR. The Chair assured the Panel that the process for selecting the writing team would follow IPCC principles and procedures taking into account disciplinary as well as geographical balances. With regard to the postponement of COP-13 by four weeks, the representative of the UNFCCC informed the Panel that the Subsidiary Body for Implementation has made a recommendation to postpone COP-13 and he envisages a decision by COP-11.

Delegates expressed appreciation about the progress made on arrangements for the management of the AR4 Synthesis Report.

5.5 Task Group on Data and Scenario Support for Impact and Climate Assessment (TGICA)

TGICA Co-Chair Mr Richard Moss presented a progress report and introduced a proposal to enhance capacity to prepare, disseminate, and apply climate change data in impacts and adaptation research in developing and transition-economy nations. The programme would address data needs, availability and access, including trans-national regional historical data, tailored products for regions, support for training programmes in developing and transition-economy countries, especially transfer of practical experience, and a proposal for research networking to link early career scientists from capacity rich, capacity middle class and capacity poor countries. He also proposed a three days' expert meeting on longer term data development issues associated with regional research and assessment, which would provide a forum for exploring data needs from research communities represented by the three IPCC Working Groups.

Concern was raised during the discussion that a capacity building and training programme would go beyond the mandate of the IPCC. The TGICA Co-chair clarified that the role of IPCC would be confined to mentorship and guidance, facilitation of access to trans-national regional historical data and development of tailored products for the regions. IPCC will not conduct capacity building or the training programmes itself.

The Panel encouraged the TGICA to implement the proposal for enhancing capacity in developing and transition-economy countries, taking into consideration suggestions made, and requested the TGICA Co-chairs to report on progress at the next session of the Panel. The Panel also endorsed the proposal to hold a three days' expert meeting.

6. NATIONAL GREENHOUSE GAS INVENTORIES PROGRAMME (NGGIP)

6.1 Progress Reports on 2006 Guidelines and EFDB

TFB Co-Chair, Mr Taka Hiraishi informed the Panel that the preparation of the 2006 Guidelines for National Greenhouse Gas Inventories (2006 GL) was on schedule. The second review by governments and experts has started and the final draft will be ready for adoption and acceptance by IPCC-25 in April 2006. He further reported on progress in further developing the Emission Factor Database (EFDB) and informed the Panel that the membership of the EFDB Editorial Board will be refreshed.

6.2 Further Work on Aerosols

Mr Hiraishi reported on the "IPCC Expert Meeting on Emission Estimation of Aerosols Relevant to Climate Change" held in May 2005 and presented a proposal by the Task Force Bureau for a follow-up meeting. Delegates expressed concern about holding such a meeting before the AR4 is finalized emphasizing the complexity of the issues involved.

The Panel agreed not to take any further action on emission estimation of aerosols relevant to climate change before the AR4 is completed. It agreed to revisit the item after completion of the AR4. The Panel would at that time consider a revised proposal for further activities or agree not to initiate any specific activities on that matter.

7. PROCEDURES FOR ELECTIONS OF THE IPCC BUREAU AND THE TASK FORCE BUREAU

The Secretary introduced the document and recalled that the Panel at its 19th Session had asked the Chair to bring, well before the next elections, to the Panel a proposal describing the rules and procedures to be adopted by the IPCC when conducting elections. Co-Chair of the open-ended Task Group on election procedures, Mr David Warrilow, pointed out that for two rules (in the present proposal Rules 13 and 22) very divergent views were expressed in past discussions and recent comments from governments.

After an initial discussion in Plenary a Contact Group, chaired by Mr David Warrilow and Mr Richard Odingo, was set up to develop agreed text for consideration by the Panel. The Contact Group met twice during the Session and presented a revised draft proposal that was agreed in the Contact Group. However, in Plenary delegations could not agree on Rule 20 (Rule 22 in the initial document). The issue was whether a member of the IPCC could nominate a candidate who is not a national of the nominating country. A question was also raised concerning previous draft Rule 11, which stated that "the IPCC Chair will participate in the IPCC session in that capacity and shall not at the same time exercise the rights of a representative of a Member or Region of the IPCC" and which has been removed in the present version. It was suggested to clarify that matter in an overall policy context.

The Contact Group reconvened to find a solution for Rule 20 and proposed as compromise to add the following sentence to Rule 20: "Should a member of the IPCC nominate a person who is not a national of that member's country, the endorsement of the nominee's government shall be sought." Again, no agreement could be reached in Plenary. The proposal to delete Rule 20 was also not accepted.

The Panel agreed on all provisions as contained in Annex 4, except Rule 20, which appears in brackets. It further agreed to revisit Rule 20 at its 25th Session and to adopt the Rules of Procedures for Elections of the IPCC Bureau and Any Task Force Bureau after agreement had been reached on Rule 20.

8. CONSIDERATION OF FURTHER WORK OF THE IPCC ON EMISSIONS SCENARIOS

The Chair introduced his proposal for further work on emissions scenarios and emphasised the need for a set of new scenarios for a possible Fifth Assessment Report (AR5). These should cover a wide range of socio-economic outcomes and should be suitable for mitigation, impacts, vulnerability, and adaptation assessments. He also mentioned that at the workshop on new scenarios held in Laxenburg 29 June -1 July 2005 there was a strong consensus that IPCC should only facilitate rather than develop new scenarios itself. He proposed to set up a Task Group for a limited period of time up to IPCC-25 to define and clarify what facilitating role or co-ordination needs to be undertaken by the IPCC, as well as deliverables drawing on users' needs, timelines and organisational arrangements. The suggested membership of the Task Group would take into consideration a wider context of the scenarios and could include experts from other international organizations such as World Bank and FAO.

Delegates welcomed the presentation and thanked the Chair and organizers for the activities undertaken and documents prepared. Consensus was reached on the role of IPCC to facilitate the process and on the establishment of the Task Group. Comments were made concerning larger participation of experts from developing countries and economy-transition countries, the involvement of all Working Groups, wider coverage of scenarios rather than only emission scenarios, timing, need for continuity and a coherent set of storylines, and the need for clear messages to the modelling community on how the scenarios are expected to be applied in the IPCC process. The Co-chair of Working Group II mentioned that text referring to the broader use of scenarios was omitted from the draft proposal and it was agreed to amend the text accordingly.

The Chair thanked delegates for the views expressed. He asked the Panel to agree to his proposal (contained in Annex 5), and at the same time to record the following five points in the report of the session:

- 1) The Task Group needs to be representative and include participation from developing countries and countries with economies in transition, possibly from TGICA, and one Co-Chair from each WG. The Steering Group for the Laxenburg workshop may be a starting point for establishing the Task Group. The composition of the Task Group should reflect the priorities before us.
- 2) The workshop needs to be structured in such a way that it has representation from all stakeholders.
- 3) The scenarios should be along a broad canvass and should include adaptation, economic growth, demographic and other societal variables that lead to emission scenarios.
- 4) The Task Group reports back to IPCC-25 with concrete recommendations on timetable, methodology by which coordination would take place and how to go about it.
- 5) Capacity building work would be co-ordinated by TGICA.

The Panel approved the proposal by the Chair, which is contained in Annex 5, together with the five points listed above.

9. OUTREACH

The Secretary introduced the progress report on outreach activities. She also explained that the objective of the "Framework Communications Strategy for Release and Dissemination of the IPCC Fourth Assessment Report" prepared by Communications & Network Consulting (CNC) was to provide inputs and stimulate the development of future IPCC information activities. She emphasised

the efforts by the Secretariat to speed up translation into UN languages and encouraged translation into non-UN languages.

The Chair recalled that in 2002 the Panel had established an Outreach Task Group (OTG), which has been chaired by Mr John Stone and suggested that Ms Lucka Kajfez-Bogataj will act as second Co-Chair of the Task Group. He also suggested a core membership of the OTG, but many countries indicated their willingness to participate in the work of the Task Group. He further suggested that the work package and terms of reference of the OTG be as follows:

- To organize meetings during plenary sessions
- To review activities and provide new ideas
- To identify partners and outreach opportunities to meet in particular regional information needs
- To identify and mobilize funding sources for work with partners.

The Co-Chair of the Task Group, Mr Stone said that the Secretariat has been doing an excellent job on outreach activities, and suggested as specific terms of reference (TOR) for the OTG to complement and not overlap with the work of the Secretariat.

The Outreach Task Group met once and agreed that the IPCC should seek to engage government focal points in outreach activities and that AR4 outreach activities should build on the past experiences gained through the Secretariat and TSUs. They suggested that the IPCC Secretariat should invite input from government focal points, in particular reactions to the report prepared by CNC, including views on priority actions or concerns about specific suggestions, information on outreach opportunities in the country or region, and any information about experience with “good practice” outreach activities.

In the Plenary debate appreciation was expressed for the work by CNC but that further work is required to develop an IPCC information strategy. Suggestions included education material for children, continuation of sending hard copies of IPCC reports to developing countries, careful management of non-IPCC information on the website, the use of the UN system for outreach to decision-makers. The proposal to hire a staff member to perform outreach activities was supported.

The Chair, in response to the discussion and suggestions, summed up that there was an enormous gap between the IPCC products and desirable outreach. He noted that the OTG has been set up and worked productively in providing guidance and input, but had no responsibility for strategy or activities. He emphasised the need to create the capacity in the Secretariat to be able to produce and implement an information strategy for AR4 reports and requested budgetary provisions for hiring dedicated staff.

The Panel agreed to hire one staff member at P3/P4 level for one year, with a possibility to extend the contract for another year.

10. PROCEDURAL MATTERS

The Secretary presented a proposal for admitting observer organizations, and explained background and rationale. The Chair requested consideration and decision by the Panel.

Most delegates expressed support for a policy and process for admitting observer organizations but many delegations asked for more time to study the proposal. Specific suggestions were made during the Session regarding qualifications required, regional balance, and a code of conduct. Governments may send further comments on the proposal to the Secretariat.

The Panel asked the Secretariat to prepare information on organisations that are already participating in the IPCC and new applications for consideration by the Bureau and the Panel. The Panel agreed to take a decision on a policy and process for admitting observer organisations at its next session.

11. OTHER BUSINESS

The Chair reminded the Panel of his commitment to pass to the next Bureau the same balance in the IPCC Trust Fund as inherited when the current Bureau took office. He requested governments to contribute to IPCC in accordance with this objective.

12. TIME AND PLACE OF THE NEXT SESSION

The Secretary announced that the next session will be held in the second half of April 2006 either in Mauritius or in Nairobi.

13. CLOSING OF THE SESSION

The Session closed at 16:00 hours on Wednesday, 28 September 2005.



WMO

INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE



UNEP

INTERGOVERNMENTAL PANEL
ON CLIMATE CHANGE

Annex 1

TWENTY-FOURTH SESSION
Montreal, 26-28 September 2005

AGENDA

1. **OPENING OF THE SESSION**
2. **APPROVAL OF THE DRAFT REPORT OF THE TWENTY-THIRD SESSION**
3. **ACCEPTANCE OF THE ACTIONS OF THE EIGHTH SESSION OF WORKING GROUP III (MONTREAL, 22-24 September 2005)**
4. **IPCC PROGRAMME AND BUDGET FOR 2006 TO 2008**
5. **PROGRESS REPORTS**
 - a. WG 1
 - b. WG 2
 - c. WG 3
 - d. SYR
 - e. TGICA
6. **NGGIP**
 - a. Progress reports on 2006 Guidelines and EFDB
 - b. Further work on aerosols
7. **PROCEDURES FOR ELECTIONS OF THE IPCC BUREAU AND THE TASK FORCE BUREAU**
8. **CONSIDERATION OF FURTHER WORK OF THE IPCC ON EMISSION SCENARIOS**
9. **OUTREACH**
10. **PROCEDURAL MATTERS**
11. **OTHER BUSINESS**
12. **TIME AND PLACE OF THE NEXT SESSION**
13. **CLOSING OF THE SESSION**

LIST OF PARTICIPANTS

**EIGHTH SESSION OF IPCC WORKING GROUP III
Montreal, 22-24 September 2005**

**TWENTY-FOURTH SESSION OF THE INTERGOVERNMENTAL PANEL
ON CLIMATE CHANGE**

Montreal, 26-28 September 2005

N.B.	(H) - Head of Delegation
	(B) - IPCC Bureau member
	x - Registered between 22-24 September 2005
	xx - Registered as from 26 September 2005

Rajendra K. PACHAURI W3+P24 x
Chairman of the IPCC
TERI, Darbari Seth Block
Habitat Place, Lodhi Road
New Delhi 110 003
INDIA
Tel: +91 11 2468 2121/2
Fax: +91 11 2468 2144/5
E-mail: pachauri@teri.res.in

Ermira FIDA H W3+P24 x
Ministry of Environment
Climate Change Unit
Rr."Duresit", 27
Tirana
ALBANIA
Tel: +355 42 25101/ 355 68 2029754
Fax: +355 32 270627 / 355 42 25101
E-mail: mirafida@icc-al.org

Adolfo P. ROSELLINI H P24 xx
Asuntos Medio Ambientales Internacionales
Esmeralda 1212, piso 14
1007 Buenos Aires
ARGENTINA
Tel: +54 11 4819 7406
Fax: +54 11 4819 7413/7622
E-mail: par@mrecic.gov.ar

Oswaldo CANZIANI P24 xx
Co-chair WG2
Fundacion Ecologica Universal - FEU
Casillo de Correo 141
Sucursal 5
1405 Buenos Aires
ARGENTINA
Tel: +54 11 4831 8862 / 7864
Fax: +54 11 4831 8862
E-mail: ocanz@ciudad.com.ar

Martiros TSARUKYAN H W3+P24 x
Ministry of Nature Protection
Dept. of Environment Protection
Government Bldg 3
Republic Square
Yerevan 375010
ARMENIA
Tel: +3741 583 934
Fax: +3741 583 933
E-mail: martiros@nature.am

Ian CARRUTHERS H W3+P24 x
Australian Greenhouse Office
Department of the Environment and Heritage
GPO Box 787
Canberra ACT 2601
AUSTRALIA
Tel: +61 2 6274 1405
Fax: +61 2 6274 1478
E-mail: ian.carruthers@deh.gov.au

Mark BONNER W3 x
Australian Greenhouse Office
GPO Box 621
Canberra ACT 2601
AUSTRALIA
Tel: +61 2 6274 1856
Fax: +61 2 6274 1406
E-mail: mark.bonner@deh.gov.au

Tania CONSTABLE W3 x
Department of Industry, Tourism and Resources
GPO Box 9839
Canberra ACT 2602
AUSTRALIA
Tel: +61 2 6213 7520
Fax: +612 6213 7818
E-mail: tania.constable@industry.gov.au

Spencer EDWARDS W3+P24 x
Australian Greenhouse Office
GPO Box 787
Canberra ACT 2601
AUSTRALIA
Tel: +61 2 6274 1586
Fax: +61 2 6274 1439
E-mail: spencer.edwards@deh.gov.au

Geoff B. LOVE P24 xx
Bureau of Meteorology
GPO Box 1289K
Melbourne, VIC 3001
AUSTRALIA
Tel: +613 9669 4558
Fax: +613 9669 4699
E-mail: g.love@bom.gov.au

Klaus RADUNSKY H W3+P24 x
Federal Environment Agency
Spittelauer Lände 5
A-1090 Vienna
AUSTRIA
Tel: +43 1 31304 5534
Fax: +43 1 31304 5959
E-mail: Klaus.Radunsky@umweltbundesamt.at

Umayra TAGHIYEVA H W3+P24 x
Ministry of Ecology & Natural Resources
100 A, B. Aghayev Street
Baku 370073
AZERBAIJAN
Tel: +994 12 441 1175 / 492 4173
Fax: +994 12 492 5907
E-mail: utagiyeva@yahoo.com

<p>Jeffrey W. SIMMONS National Climate Change Committee Bahamas Environment, Science & Technology (BEST) Commission c/o Department of Meteorology Seaban House, Crawford Street P.O. Box N-8330 Nassau BAHAMAS Tel: +1 242 356 3734 Fax: +1 242 356 3739 E-mail: jws.met@batelnet.bs simmons_jeffrey@hotmail.com</p>	H W3+P24 x	<p>Epiphane D. AHLONSOU Service Météorologique National ASECNA B.P. 379 Cotonou BENIN Tel: +229 21 301413 Fax: +229 21 300839 E-mail: ahlonsdepi@yahoo.com</p>	H W3+P24 x
<p>Mesbah Uddin AHMED Ministry of Defence Gana Bhaban Complex Sher-e-Bangla Nagar Dhaka BANGLADESH Tel: +8802 811 6955 Fax: +8802 811 7945 E-mail: modgob@btb.net.bd</p>	H W3+P24 x	<p>Oscar PAZ Bolivian Climate Change Programme 1382 Mercado Street, Bolivian Building La Paz BOLIVIA Tel: +591 2 220 0206 Fax: +591 2 220 0206 E-mail: pncc.bol@mds.gov.bo</p>	H W3+P24 x
<p>Elena SIDASH Ministry of Foreign Affairs Voronianski Street, 13-1-213 220007 Minsk BELARUS Tel: +375 172 292680 Fax: +375 172 2001964 E-mail: ugs@mfa.org.by</p>	H W3+P24 x	<p>Dorcas N. MASISI Botswana Meteorological Services P.O. Box 10100 Gaborone BOTSWANA Tel: +267 395 6281 Fax: +267 395 6282 E-mail: dmasisi@gov.bw</p>	H W3+P24 x
<p>Jean-Pascal van YPERSELE Institut d'Astronomie et de Géophysique G. Lemaître Université catholique de Louvain 2, chemin du Cyclotron B-1348 Louvain-la-Neuve BELGIUM Tel: +32 10 473296 or 97 Fax: +32 10 474722 E-mail: vanypersele@astr.ucl.ac.be</p>	H W3+P24 x	<p>Newton PACIORNIK Ministry of Science and Technology Praia do Flamengo 200 - 24°And. 22210-901 Rio de Janeiro - RJ BRAZIL Tel: +55 21 2555 0308 Fax: +55 21 2555 0202/0306 E-mail: newton@finep.gov.br</p>	H P24 xx
<p>Aviel VERBRUGGEN University of Antwerp Prinsstraat 13 B 2000 Antwerp BELGIUM Tel: +32 476 888 239 Fax: +32 3 220 4901 E-mail: aviel.verbrugeen@ua.ac.be</p>	W3 x	<p>Teodor IVANOV Ministry of Environment & Water 22, Maria Luiza Street 1000 Sofia BULGARIA Tel: +359 2 981 4112 Fax: +359 2 980 3926/3936/9641 E-mail: ivanovt@moew.government.bg</p>	H W3+P24 x
<p>Ann Josephine GORDON National Meteorological Service Philip Goldson International Airport P.O. Box 717 Belize City BELIZE Tel: +501 225 2054 Fax: +501 225 2101 E-mail: cccbze@btl.net</p>	H W3+P24 x	<p>Frederic N. OUATTARA Direction de la Météorologie 01 B.P. 576 Ouagadougou 01 BURKINA FASO Tel: +226 50 35 6032 Fax: +226 50 35 6039 E-mail: fouattara@hotmail.com</p>	H W3+P24 x

Maurice SHIRAMANGA IGEBU (Institut Géographique du Burundi) B.P. 331 Bujumbura BURUNDI Tel: +257 972 238 Fax: +257 40 2526 E-mail: igebu@cbinf.com	H W3+P24 x	Ian BURTON Meteorological Service of Canada Environment Canada 4905 Dufferin Street Downsview, Ontario M3H 5T4 CANADA Tel: +1 416 739 4314 Fax: +1 416 739 4297 E-mail: ian.burton@ec.gc.ca	P24 xx
Brian T. GRAY Environment Canada Place Vincent Massey 351 St. Joseph Boulevard Gatineau, Quebec CANADA Tel: +1 819 934 6851 Fax: +1 819 934 6845 E-mail: brian.gray@ec.gc.ca	H (W3) W3 x	Elizabeth BUSH Environment Canada 4905 Dufferin Street Downsview, Ontario M3H 5T5 CANADA Tel: +1 416 739 4332 Fax: +1 416 739 4882 E-mail: elizabeth.bush@ec.gc.ca	W3+P24 x
Marc Denis EVERELL Meteorological Service of Canada Environment Canada 4th floor, North Tower Terrasses de la Chaudiere Gatineau, Quebec K1A 0H3 CANADA Tel: +1 819 997 2686 Fax: +1 819 994 8841 E-mail: mardenis.everell@ec.gc.ca	H (P24) P24 xx	Graham CAMPBELL Natural Resources Canada Office of Energy Research and Development 580 Booth Street, 14th floor Ottawa, Ontario K1A 0E4 CANADA Tel: +1 613 995 8860 Fax: +1 613 995 6146 E-mail: grcampbe@nrccan.gc.ca	P24 xx
Michel BELAND Environment Canada 2121 TransCanada Highway Dorval, QC H9P 1J3 CANADA Tel: +1 514 421 4771 Fax: +1 514 421 2106 E-mail: michel.beland@ec.gc.ca	Alt. H W3+P24 x	Lorie CUMMINGS Environment Canada 351 St. Joseph Boulevard Gatineau, Quebec K1A 0H3 CANADA Tel: +1 819 953 9714 Fax: +1 819 994 9938 E-mail: lorie.cummings@ec.gc.ca	W3 x
Pierre BOILEAU Environment Canada 351 St. Joseph Boulevard Gatineau, Quebec K1A 0H3 CANADA Tel: +1 819 953 1676 Fax: +1 819 994 0549 E-mail: pierre.boileau@ec.gc.ca	W3 x	Adam FENECH Environment Canada 4905 Dufferin Street Downsview, Ontario M3H 5T6 CANADA Tel: +1 416 739 4267 Fax: +1 416 739 4882 E-mail: adam.fenech@ec.gc.ca	P24 xx
Dubravka BULUT Natural Resources Canada Energy Research and Development 580 Booth Street, 14th floor Ottawa, Ontario K1A 0E4 CANADA Tel: +1 613 995 3551 Fax: +1 613 995 6146 E-mail: dbulut@nrccan.gc.ca	W3+P24 x	Jennifer L. KERR Environment Canada Global Climate Affairs 141 Laurier Avenue W. 2nd Floor Ottawa, Ontario K1A 0H3 CANADA Tel: +1 613 995 4747 Fax: +1 613 992 8472 E-mail: jennifer.kerr@ec.gc.ca	W3 x

<p>Karen KRAFT SLOAN Foreign Affairs Canada Ambassador for the Environment 125 Sussex Drive Ottawa, Ontario K1A 0G2 CANADA Tel: +1 613 944 0784 Fax: +1 613 944 1304 E-mail: kran.kraftsloan@interntional.gc.ca</p>	P24 xx	<p>Anthony PELUSO Natural Resources Canada 580 Booth Street, floor 19-A Ottawa, Ontario K1A OE4 CANADA Tel: +1 613 992 6780 Fax: +1 613 996 8123 E-mail: tpeluso@nrca.gc.ca</p>	P24 xx
<p>Averil J. LAMONT Environment Canada Global Climate Affairs 141 Laurier Avenue W. 205, 2nd Floor Ottawa, Ontario K1A 0H3 CANADA Tel: +1 613 995 4650 Fax: +1 613 992 8472 E-mail: averil.lamont@ec.gc.ca</p>	W3+P24 x	<p>William REYNEN Clean Electric Power Generation CANMET Energy Technology Center 1 Haanel Drive Ottawa, Ontario K1A 1M1 CANADA Tel: +1 613 996 5759 Fax: +1 613 992 9335 E-mail: breynen@nrca.gc.ca</p>	W3 x
<p>Hoppa LAU Environment Canada 4905 Dufferin Street Downsview, Ontario M3H 5T6 CANADA Tel: +1 416 739 4432 Fax: +1 416 739 4882 E-mail: hoppa.lau@ec.gc.ca</p>	W3+P24 x	<p>Peter SHARP Foreign Affairs Canada Climate Change Energy Division 111 Sussex Drive, 2nd floor Ottawa, Ontario K1A 1J1 CANADA Tel: +1 613 944 0265 Fax: +1 613 944 0064 E-mail: peter.sharp@interntional.gc.ca</p>	W3 x
<p>Donald LEMMEN Natural Resources Canada Climate Change Impacts & Adaptation Directorate 601 Booth Street Ottawa, Ontario K1A OE8 CANADA Tel: +1 613 992 5861 Fax: +1 613 992 0190 E-mail: don.lemmen@nrca.gc.ca</p>	P24 xx	<p>John M.R. STONE 3411 Paul Anka Drive, Unit 32 Ottawa, Ontario K1A 9R8 CANADA Tel: +1 613 862 3393 (Cell.) Fax: E-mail: john.stone@rogers.com</p>	W3+P24 x
<p>Nicolo MACALUSO Environment Canada Analysis and Modeling Terrasses de la Chaudiere 10 Wellington Street, 24th floor Gatineau, Quebec K1A 0H3 CANADA Tel: +1 819 953 1772 Fax: +1 819 997 0709 E-mail: nick.macaluso@ec.gc.ca</p>	P24 xx	<p>Tana STRATTON Foreign Affairs Canada Climate Change and Energy Division 111 Sussex Drive Ottawa, Ontario K1A 0G2 CANADA Tel: +1 613 944 6134 Fax: +1 613 944 0064 E-mail: tana.stratton@international.gc.ca</p>	W3+P24 x
<p>Margaret MARTIN Natural Resources Canada Energy Policy Branch 580 Booth Street, 19th floor Ottawa, Ontario K1A OC8 CANADA Tel: +1 613 996 6474 Fax: +1 613 947 6799 E-mail: memartin@nrca.gc.ca</p>	W3+P24 x	<p>Anne-Marie THOMPSON Natural Resources Canada 1, Haanel Drive Ottawa, ONT K1A 1M1 CANADA Tel: +1 613 947 0151 Fax: +1 613 992 9335 E-mail: anthomps@nrca.gc.ca</p>	W3 x

Joel-Urbain TETEYA Direction de la Météorologie nationale B.P. 941 Bangui CENTRAL AFRICAN REPUBLIC Tel: +236 61 4362 Fax: +236 61 4918 E-mail: juteteya@hotmail.com	H W3+P24 x	Xiangwen KONG Ministry of Foreign Affairs Dept. of Treaty & Law No. 2 Chao Yang Men Nandajie Beijing 100701 CHINA, PEOPLE'S REPUBLIC OF Tel: +8610 6596 3254 Fax: +8610 6596 3257 E-mail: kong_xiangwen@mfa.gov.cn	W3 x
Tchitchaou MOUSSA Ministère de l'Environnement et de l'Eau Direction des Ressources en Eau et de la Météorologie B.P. 429 N'Djamena 429 CHAD Tel: +235 52 30 81/ 52 60 01 Fax: +235 52 38 39/ 52 20 31 E-mail: moussatchit@yahoo.fr	H W3+P24 x	Qingquan LI China Meteorological Administration National Climate Centre 46, Zhongguancun Nandajie Beijing 100081 CHINA, PEOPLE'S REPUBLIC OF Tel: +8610 6840 0080 Fax: +8610 6217 4797 E-mail: liqq@cma.gov.cn	W3+P24 x
Javier GARCIA CONAMA Teatinos 258, Piso 5 Santiago CHILE Tel: +56 2 240 5600 Fax: +56 2 240 5782 E-mail: jgarcia@conama.cl	H W3+P24 x	Yong LUO China Meteorological Administration National Climate Centre 46, Zhongguancun Nandajie, Haidian Beijing 100081 CHINA, PEOPLE'S REPUBLIC OF Tel: +8610 6840 6488 Fax: +8610 6840 6488 E-mail: yluo@cma.gov.cn	W3+P24 x
Mingkui CAO Institute of Geographical Sciences & Natural resources Chinese Academy of Sciences 11A, Da Tun Road Beijing 100101 CHINA, PEOPLE'S REPUBLIC OF Tel: +8610 6488 9808 Fax: E-mail: caom@igsnr.ac.cn	P24 xx	Jiahua PAN Chinese Academy of Social Sciences 5, Jiannei Beijing 100732 CHINA, PEOPLE'S REPUBLIC OF Tel: +8610 8519 5788 Fax: +86 10 8511 9035 E-mail: panjh@163bj.com	W3+P24 x
Zhenlin CHEN China Meteorological Administration Dept. of International Cooperation 46, Zhongguancun Nandajie Beijing 100081 CHINA, PEOPLE'S REPUBLIC OF Tel: +86 10 6840 6146 Fax: +8610 6217 4797 E-mail: guoji@cma.gov.cn	W3+P24 x	Cuihua SUN National Development and Reform Commission No. 38 Yue Tan Nan Jie Beijing CHINA, PEOPLE'S REPUBLIC OF Tel: +8610 6850 2963 Fax: +8610 6850 2358 E-mail: suncuihua@yahoo.com.cn	W3+P24 x
Xiaosu DAI China Meteorological Administration Dept. of Scientific and Technological Development 46, Zhongguancun Nandajie Beijing 100081 CHINA, PEOPLE'S REPUBLIC OF Tel: +8610 6840 6732 Fax: +8610 6217 2954 E-mail: daixs@cma.gov.cn	W3+P24 x	Baoguo TIAN Ministry of Science and Technology 15-B Fuxing Road Beijing 100862 CHINA, PEOPLE'S REPUBLIC OF Tel: +86 10 5888 1432 Fax: +86 10 5888 1441 E-mail: tianbg@mail.most.gov.cn	W3+P24 x

<p>Kegang WEN China Meteorological Administration 46, Zhongguancun Nandajie Beijing 100081 CHINA, PEOPLE'S REPUBLIC OF Tel: +8610 6217 2957 Fax: +8610 6217 4797 E-mail: guoji@cma.gov.cn</p>	<p>W3+P24 x</p>	<p>Roberto VILLALOBOS Instituto Meteorologico Nacional Barrio Aranjuez P.O. Box 5583-1000 San José 7-3350-1000 COSTA RICA Tel: +506 222 5616 ext 139 Fax: +506 223 1837 E-mail: rvilla@imn.ac.cr</p>	<p>H W3+P24 x</p>
<p>Hong YAN Chinese Academy of Forestry Beijing 100081 CHINA, PEOPLE'S REPUBLIC OF Tel: +8610 6288 9645 Fax: +86 10 6287 2015 E-mail: yanh58@hotmail.com</p>	<p>W3+P24 x</p>	<p>Kadio AHOSSANE Ministère de l'Environnement et du Cadre de Vie P V 148 Abidjan COTE D'IVOIRE Tel: +225 22 44 1834 Fax: +225 20 21 0495 E-mail: kahossane@yahoo.com</p>	<p>H W3+P24 x</p>
<p>Silong ZHANG Ministry of Water Resources Bureau of Hydrology No. 1, Bengnang Road Beijing CHINA, PEOPLE'S REPUBLIC OF Tel: +8610 6320 2523 Fax: +8610 6354 8035 E-mail: slzhang@mwr.gov.cn</p>	<p>W3+P24 x</p>	<p>Zvonimir KATUSIN Meteorological & Hydrometeorological Service Griec 3 HR-10000 Zagreb CROATIA Tel: +385 1 4565 706 Fax: +385 1 4851 903 E-mail: katusin@cirus.dhz.hr</p>	<p>H W3+P24 x</p>
<p>Guoguang ZHENG China Meteorological Administration 46, Zhongguancun Nandajie Beijing 100081 CHINA, PEOPLE'S REPUBLIC OF Tel: +8610 6217 2957 Fax: +8610 6217 4797 E-mail: zgg@cma.gov.cn</p>	<p>W3+P24 x</p>	<p>Tomas GUTIERREZ PEREZ CITMA/Instituto de Meteorologia Av. Loma de Casablanca Apartado 170 32 CP 11700 Habana 17 CUBA Tel: +537 867 0711 Fax: +537 33 8010/8670710 E-mail: tomasg@met.inf.cu meteoro@ceniai.inf.cu</p>	<p>H W3+P24 x</p>
<p>Mohamed BACAR A. DOSSARD Ministère du Développement Rural, de la Pêche, de l'Artisanat et de l'Environnement BP5380 Moroni COMOROS Tel: +269 756 029 Fax: +269 736 388 E-mail: mdossar@comorestelecom.km</p>	<p>H W3+P24 x</p>	<p>Anne Mette JØRGENSEN Danish Meteorological Institute Lyngbyvej 100 DK-2100 Copenhagen Ø DENMARK Tel: +45 39 15 7450 Fax: +45 39 15 7460 E-mail: amj@dmi.dk</p>	<p>H P24 xx</p>
<p>Arona NGARI Meteorological Service P.O. Box 127 Raratonga COOK ISLANDS Tel: +682 20603 Fax: +682 21603 E-mail: angari@met.gov.ck</p>	<p>H W3+P24 x</p>	<p>Jesper GUNDERMANN Danish Environmental Protection Agency Ministry of Environment Strandgade 29 DK-1401 Copenhagen DENMARK Tel: +45 15 44 1246 Fax: +45 32 66 0131 E-mail: jgu@mst.dk</p>	<p>W3+P24 x</p>

Moussa AHMED HASSAN H W3+P24 x
Direction de l'Aménagement du Territoire et de
l'Environnement
BP 2091
DJIBOUTI
Tel: +253 35 10 20
Fax: +253 35 48 37
E-mail: samou_ahmed@yahoo.fr

Lloyd PASCAL H W3+P24 x
Ministry of Agriculture & the Environment
Roseau Fisheries Complex Building Dame Mary Eugenia
Charles Boulevard
Roseau
DOMINICA
Tel: +1 767 448 2401 ext. 3456
Fax: +1 767 448 4577
E-mail: agriext@cwdom.dm

Alba BARAHONA H W3+P24 x
Ministerio de Energia y Minas del Ecuador
Av. Ivan Leon Mera y Orellana
Edificio MOP 1e Piso
Quito
ECUADOR
Tel: +593 2 550018 x 3130
Fax: +593 2 550 018 (ext 3130)
E-mail: abarahona@menergia.gov.ec

El-Sayed Sabry MANSOUR H W3+P24 x
Egyptian Environmental Affairs Agency (EEAA)
30 Misr Helwan El-Zyraie Rd
Maadi
P.O. Box 11728
Cairo
EGYPT
Tel: +202 525 6481x 8632
Fax: +202 525 6481
E-mail: esmansour@eeaa.gov.eg

Raino HEINO H P24 xx
Finnish Meteorological Institute
P.O Box 503
FIN-00101 Helsinki
FINLAND
Tel: +358 9 1929 4120
Fax: +358 9 1929 4129
E-mail: raino.heino@fmi.fi

Pirkko HEIKINHEIMO P24 xx
Ministry of the Environment
P.O. Box 35
FIN-00023 Helsinki
FINLAND
Tel: +358 9 160 39692
Fax: +358 9 160 39439
E-mail: pirkko.heikinheimo@ymparisto.fi

Ilkka SAVOLAINEN W3 x
VTT
P.O. Box 1602
FIN-02044
FINLAND
Tel: +358 20 722 5062
Fax: +358 20 722 7026
E-mail: ilkka.savolainen@vtt.fi

Marc GILLET H W3+P24 x
Observatoire National sur les Effets
du Réchauffement Climatique
39, rue Saint Dominique
75007 Paris
FRANCE
Tel: +33 1 42 75 55 04
Fax: +33 1 42 75 55 05
E-mail: marc.gillet@onerc.gouv.fr

Michel PETIT W3+P24 x
CGTI
120, rue de Bercy
Teledoc 792
75572 Paris Cedex 12
FRANCE
Tel: +33 1 53 18 55 71
Fax: +33 1 53 18 57 15
E-mail: michel.petit@m4x.org

Jacques VARET W3 x
Bureau de Recherches géologiques et minières
3, avenue Claude Guillemin
BP 6009
45060 Orléans Cedex 2
FRANCE
Tel: +33 2 38 64 30 97
Fax:
E-mail: j.varet@brgm.fr

Bernard E. GOMEZ H W3+P24 x
Dept. of Water Resources
7 Marina Parade
Banjul
GAMBIA
Tel: +220 422 4122 / 422 8216
Fax: +220 422 009
E-mail: be63gomez@yahoo.co.uk

Ramaz-Beglarovic CHITANAVA H W3+P24 x
State Dept. of Hydrometeorology
150 Davida Agmashenebeli Ave.
Tbilisi 380012
GEORGIA
Tel: +995 32 953 682
Fax: +995 32 955 006
E-mail: ramazchitanava@rambler.ru

<p>Ursula FUENTES Federal Ministry for the Environment Alexanderplatz 6 D-11055 Berlin GERMANY Tel: +49 18 88 305 2312 Fax: +49 18 88 10 305 2312 E-mail: ursula.fuentes@bmu.bund.de</p>	H W3+P24 x	<p>Wilfrid SAINT JEAN Ministry of Environment Delmas P.O. Box BME 2174 Port-Au-Prince HAITI Tel: +509 246 2853 Fax: +509 246 2248 / 245 7360 E-mail: wstjean@haitelonline.com</p>	H W3+P24 x
<p>Olav HOHMEYER International Institute for Management University of Flensburg Auf dem Campus 1 D-24943 Flensburg GERMANY Tel: +49 461 805 2533 Fax: +49 461 805 2538 E-mail: hohmeyer@uni-flensburg.de</p>	W3 x	<p>Tibor FARAGO Ministry of Environment and Water P.O. Box 351 1394 Budapest HUNGARY Tel: +36 1 457 3554 Fax: +36 1 201 1335 E-mail: farago@mail.kvvm.hu</p>	H P24 xx
<p>Wolfgang MÜLLER Federal Ministry for the Environment Alexanderplatz 6 D-11055 Berlin GERMANY Tel: +49 18 88 305 3661 Fax: +49 18 88 10 305 2349 E-mail: wolfgang.mueller@bmu.bund.de</p>	W3 x	<p>Ms SULISTYOWATI Ministry of the Environment Jl. DI Panjaitan Kav 24 Kebon Nanas Jakarta 13410 INDONESIA Tel: +62 21 8590 4923 Fax: +62 21 8590 4923 E-mail: listy-78@yahoo.com</p>	H W3+P24 x
<p>William Kojo AGYEMANG-BONSU Ministry of Environment and Science Environmental Protection Agency P.O. Box M326 Accra GHANA Tel: +233 21 664697/8 Fax: +233 21 662690 E-mail: wbonsu@epaghana.org</p>	H W3+P24 x	<p>R.T.M. SUTAMIHARDJA Ministry of Environment Jalan Flamboyan 3, Kompl. IPB Sindang Barang Bogor Jawa Barat INDONESIA Tel: +62 251 325 811 / 324820 Fax: +62 251 325 811 / 324 820 E-mail: suta-ipb@indo.net.id</p>	W3+P24 x
<p>Joseph SYLLA Direction nationale de la Prévention, et de Lutte contre les Pollutions et Nuisances BP 3118 Conakry GUINEA Tel: +224 11 262668 Fax: +224 46 8112 E-mail: joesylla2002@yahoo.fr</p>	H W3+P24 x	<p>Mostafa JAFARI Islamic Republic of Iran Meteorological Organization P.O. Box 13185-461 Tehran IRAN, ISLAMIC REPUBLIC OF Tel: +98 21 204 4887 Fax: +98 21 204 4887 E-mail: mostafajafari@libero.it jafarimostafa@yahoo.com</p>	H P24 xx
<p>Manuel CARVALHO DE ALVARENGA Direccao Geral do Servico Meteorologico Nacional Caixa Postal 75 1001 Bissau GUINEA-BISSAU Tel: +245 723 1205 Fax: +245 20 1753 c/o UNDP E-mail: dgmteobissau@yahoo.fr</p>	H W3+P24 x	<p>Fatemeh RAHIMZADEH Atmospheric Science & Meteorological Research Centre P.O. Box 14965-114 Tehran IRAN, ISLAMIC REPUBLIC OF Tel: +98 216 602 5047 Fax: +98 216 600 0417 E-mail: rahim_f@irimet.net</p>	P24 xx

Roberto BENCINI H (W3) W3 x
National Institute of Geophysics and Vulcanology
Via di Vigna Murata 605
00143 Roma
ITALY
Tel: +39 330 207 443
Fax: +39 06 4542 0266
E-mail: bencini@ingv.it

Mara ANGELONI H (P24) P24 xx
Ministry for the Environment and Territory
Department for Environmental Research
and Development
Via Cristoforo Colombo, 44
00147 Roma
ITALY
Tel: +39 06 5722 8113
Fax: +39 06 5722 8177
E-mail: angeloni.mara@minambiente.it

Domenico GAUDIOSO P24 xx
Environmental protection National Agency
Via Vitaliano Brancati 48
00144 Romna
ITALY
Tel: +39 06 5007 2056
Fax: +39 06 5007 2048
E-mail: gaudioso@apat.it

Jacqueline SPENCE H W3+P24 x
Meteorological Services
65 3/4 Half way Tree Road
Kingston 10
JAMAICA
Tel: +1 876 929 3700
Fax: +1 876 960 8989
E-mail: metservice.cbh@jamweb.net

Toshiyuki SAKAMOTO H W3 x
Global Environmental Affairs Office
Ministry of Economy, Trade and Industry
1-3-1 Kasumigaseki, Chiyoda-ku
Tokyo 100-8901
JAPAN
Tel: +81 3 3501 7830
Fax: +81 3 3501 7697
E-mail: sakamoto-toshiyuki@meti.go.jp

Harumi AKIBA P24 xx
Promotion Office
FRCGC
3173-25 Showa-machi, Kanazawa-ku
Yokohama, Kanagawa 236-0001
JAPAN
Tel: +81 45 778 5684
Fax: +81 45 778 5497
E-mail: harumi@jamstec.go.jp

Izuo AYA W3 x
National Maritime Research Institute
3-5-10, Amanogahara, Katano-shi
Osaka 576-0034
JAPAN
Tel: +81 72 891 6289
Fax: +81 72 891 6274
E-mail: aya@nmri.go.jp

Koh HARADA W3 x
Nat. Institute of Advanced Industrial Science
and Technology
16-1 Onogawa
Tsukuba, Ibaraki 305-8569
JAPAN
Tel: +81 29 861 8352
Fax: +81 29 861 8350
E-mail: harada.emtech@aist.go.jp

Taka HIRAISHI W3+P24 x
Co-chair TFI
c/o Institute for Global Environmental Strategies
2108-11, Kamiyamaguchi, Hayama
Kanagawa 240-0115
JAPAN
Tel: +81 468 55 3750
Fax: +81 468 55 3808
E-mail: hiraishi@iges.or.jp

Kenshi ITAOKA W3+P24 x
Mizuho Information & Research Institute
3-1, Kandanishikicho, Chiyoda-ku
Tokyo 101-0054
JAPAN
Tel: +81 3 5281 5295
Fax: +81 3 5281 5466
E-mail: kenshi.itaoka@gene.mizuho-ir.co.jp

Koji KADONO W3+P24 x
GISPRI
3rd Floor, Shousen-Mitsui Building
2-1-1 Toranomom, Minato-ku
Tokyo 105-0001
JAPAN
Tel: +81 3 5563 8800
Fax: +81 3 5563 8810
E-mail: kadono@gispri.or.jp

Kotaro KIMURA P24 xx
GISPRI
3rd Floor, Shousen-Mitsui Building
2-1-1 Toranomom, Minato-ku
Tokyo 105-0002
JAPAN
Tel: +81 3 5563 8800
Fax: +81 3 5563 8810
E-mail: kimura@gispri.or.jp

Hiroki KONDO Japan Agency for Marine-Earth Science and Technology 3173-25 Showa-machi, Kanagawa-ku Yokohama, Kanagawa 236-0001 JAPAN Tel: +81 45 778 5583 Fax: +81 45 778 5707 E-mail: hkondo@jamstec.go.jp	P24 xx	Noriko YAMAGISHI Planning and Survey Global Environmental Forum Toranomon 10 Mori building, 5th floor 5F, Mori-10 Building 1-18-1 Toranomon, Minato-ku Tokyo 105-0001 JAPAN Tel: +81 3 3592 9735 Fax: +81 3 3592 9737 E-mail: jdv04746@nifty.com	P24 xx
Koki MARUYAMA CRIEPI 1646 Abiko, Abiko-shi Chiba 270-1194 JAPAN Tel: +81 4 7182 1181 Fax: +81 4 7183 2966 E-mail: maru@criepi.denken.or.jp	P24 xx	Fayez S. ABDO Meteorological Department P.O. Box 341011 Amman JORDAN Tel: +962 6 4892 408 Fax: +962 6 4894 409 E-mail: fzabdo@yahoo.com	H W3+P24 x
Anne McDONALD Global Environmental Forum Toranomon 10 Mori building, 5th floor 1-18-1 Toranomon, Minato-ku Tokyo 105-0001 JAPAN Tel: +81 3 3592 9735 Fax: +81 3 3592 9737 E-mail: annemcd@attglobal.net	P24 xx	Joshua WAIROTO Kenya Meteorological Department P.O. Box 30259 00100 GPO Nairobi KENYA Tel: +254 020 3867880 Fax: +254 020 3876955 E-mail: joshua-wairote@yahoo.co.uk joshua.wairote@meteo.go.ke	H W3+P24 x
Masahiro NISHIO Environmental Policy Division Ministry of Economy, Trade and Industry (METI) 1-3-1 Kasumigaseki, Chiyoda-ku Tokyo 100-8901 JAPAN Tel: +81 3 3501 7830 Fax: +81 3 3501 7697 E-mail: nishio-masahiro@meti.go.jp	W3+P24 x	Richard S. ODINGO Vice-chair University of Nairobi P.O. Box 30197 G.P.O. Nairobi KENYA Tel: +254 020 318262 Fax: +254 020 245 6655 E-mail: odingo01@yahoo.com r.odingo@meteo.go.ke	W3+P24 x
Yoko NOBUOKA GISPRI 3rd Floor, Shousen-Mitsui Building 2-1-1 Toranomon, Minato-ku Tokyo 105-0001 JAPAN Tel: +81 3 5563 8800 Fax: +81 3 5563 8810 E-mail: nobuoka@gispri.or.jp	W3+P24 x	Nurgyz DJARKYMBAEVA Ministry of Ecology & Emergencies Toktonaliev street, 2/1 Bishkek KYRGYZSTAN Tel: +996 312 54 1177 Fax: +996 312 54 1177 E-mail: min-eco@elcat.kg inter-rel@meecd.bishkek.gov.kg	H W3+P24 x
Naoya TSUKAMOTO Global Environmental Bureau Ministry of the Environment 1-2-2 Kasumigaseki, Chiyoda-Ku Tokyo 100-8975 JAPAN Tel: +81 3 5521 8247 Fax: +81 3 3581 4815 E-mail: naoya_tsukamoto@env.go.jp	P24 xx	Syamphone SENGCHANDALA Science Technology and Environment Agency P.O. Box 2279 Ban: Sisavad Vientiane LAO, PEOPLE'S DEMOCRATIC REPUBLIC Tel: +856 21 218712/213470 Fax: +856 21 218712/213472 E-mail: syamphone_sengchandala@yahoo.com	H W3+P24 x

<p>Andris LEITASS Latvian Environmental, Geological &d Meteorological Agency Hydrometeorological Agency 165 Maskavas Street Riga, LV-1019 LATVIA Tel: +371 7032 601 Fax: +371 7145 154 E-mail: lvgma@lvgma.gov.lv</p>	H W3+P24 x	<p>Samsudin MUSA Forest Research Institute of Malaysia (FRIM) Kepong 52109 Selangor MALAYSIA Tel: +603 6279 7180 Fax: +603 6279 7878 E-mail: shams@frim.gov.my</p>	H W3+P24 x
<p>Joalane MPHETHI MARUNYE Lesotho Meteorological Services P.O. Box 14515 Maseru 100 LESOTHO Tel: +266 22 322 075 Fax: +266 22 325057 E-mail: joalane@lesmet.org.ls rethabile55@hotmail.com</p>	H W3+P24 x	<p>Abdulla ALGEEN Department of Meteorology Orchid Building Orchid Magu 20-05 Male MALDIVES Tel: (960) 323302 or 325766 Fax: (960) 320 021 E-mail: algeen@meteorology.gov.mv</p>	H W3+P24 x
<p>Arthur GAR-GLAHN Division of Meteorology Ministry of Transport P.O. Box 9041 Monrovia LIBERIA Tel: +2316 565 885 Fax: +231 22 78 38 E-mail: meteoliberia@yahoo.com</p>	H W3+P24 x	<p>Birama DIARRA Direction Nationale de la Météorologie B.P. 237 Bamako MALI Tel: +223 229 6204 Fax: +223 229 2101/6203 E-mail: biramadia@yahoo.fr dnm@afribone.net.ml</p>	H W3+P24 x
<p>Jolanta KOTVICKAJA Ministry of Environment Air Division A. Jaksto Street 4/9 LT-0115 Vilnius LITHUANIA Tel: +3705 266 3672 Fax: +3705 266 3663 E-mail: j.kotvickaja@am.lt</p>	H W3+P24 x	<p>Andres FLORES MONTALVO Intituto Nacional de Ecologia SEMARNAT Periferico Sur 5000, 4º piso Col. Insurgentes Cuicuilco, Coyoacan 04530 Mexico, D.F. MEXICO Tel: +52 55 5424 64 79 Fax: +52 55 5424 5404 E-mail: aflores@ine.gob.mx</p>	H W3+P24 x
<p>Harizo RASOLOMANANA Ministry of Transport and Meteorology Immeuble MTPT - Anosy Antananarivo 101 MADAGASCAR Tel: +261 33 14 334 85 Fax: +261 20 22 20890 E-mail: rharizo.pst@mttptat.gov.mg</p>	H W3+P24 x	<p>Edmundo de ALBA ALCARAZ Presa 12 San Jerónimo Lidice 10200 Mexico D.F. MEXICO Tel: +52 55 5595 3873 Fax: +52 55 5668 0124 E-mail: edeaa@prodigy.net.mx</p>	P24 xx
<p>Gray K. MUNTHALI Meteorological Services P.O. Box 2 Chileka Blantyre MALAWI Tel: +265 1 692 333 Fax: +265 1 692 329 E-mail: gmunthali@metmalawi.com</p>	H W3+P24 x	<p>Abdelkader ALLALI Ministry of Agriculture, Rural Development DPV B.P. 595 Rabat MOROCCO Tel: +212 656 01170 Fax: +212 3784 3703 E-mail: allali@mailcity.com</p>	H W3+P24 x

Ronald FLIPPHI H (W3) W3+P24 x
Directorate Climate Change & Industry
Ministry of Housing, Spatial Planning & the Environment
P.O. Box 30945
2500 GX Den Haag
NETHERLANDS
Tel: +31 70 339 4003
Fax: +31 70 339 1313
E-mail: ronald.flipphi@minvrom.nl

Koos VERBEEK H (P24) P24 xx
Royal Netherlands Meteorological Institute
KNMI
P.O. Box 201
3730 AE De Bilt
NETHERLANDS
Tel: +31 30 2206 759
Fax: +31 30 2210 407
E-mail: verbeek@knmi.nl

Bert METZ W3+P24 x
Co-chair WG3
Netherlands Environmental Assessment Agency (MNP) at
RIVM
P.O. Box 303
3720 BA Bilthoven
NETHERLANDS
Tel: +31 30 274 3990
Fax: +31 30 274 4464
E-mail: bert.metz@mnp.nl

Hans SPIEGELER W3 x
Ministry of Housing, Spatial Planning
& the Environment
P.O. Box 30945
2500 GX Den Haag
NETHERLANDS
Tel: +31 70 339 4689
Fax: +31 70 339 1310
E-mail: hans.spiegeler@minvrom.nl

Andreas REISINGER H (P24) W3+P24 x
Climate Change Office
Ministry for the Environment
P.O. Box 10362
6001 Wellington
NEW ZEALAND
Tel: +64 4 439 7455
Fax: +64 4 916 7615
E-mail: andy.reisinger@mfe.govt.nz

David WRATT H (W3) W3+P24 x
National Institute of Water &
Atmospheric Research (NIWA)
P.O. Box 14-901
Wellington
NEW ZEALAND
Tel: +64 4 386 0588
Fax: +64 4 386 0574
E-mail: d.wratt@niwa.cri.nz

Abdoul Karim TRAORE H W3+P24 x
Direction de la Météorologie Nationale
BP 218
Niamey
NIGER
Tel: +227 732 160 / 734 992
Fax: +227 733 837
E-mail: traore.karim@caramail.com

Shakiru A. ETTU H W3+P24 x
Nigerian Meteorological Agency
P.M.B. 1215, Oshodi
Lagos
NIGERIA
Tel: +234 1 5556824
Fax: +234 1 555 6822/23
E-mail: saettu@yahoo.com

Samuel Ojo GBUYIRO P24 xx
Nigerian Meteorological Agency
P.M.B. 1215, Oshodi
Lagos
NIGERIA
Tel: +234 1 555 6822
Fax: +234 1 555 6821
E-mail: samuel_gbuyiro@yahoo.com

Ejike J. ALOZIE P24 xx
Nigerian Meteorological Agency
P.M.B. 1215, Oshodi
Lagos
NIGERIA
Tel: +234 1 555 6821
Fax: +234 1 555 6821/23
E-mail: alozieje@yahoo.com

Øyvind CHRISTOPHERSEN H W3+P24 x
Norwegian Pollution Control Authority
Post Box 8100 Dep
0032 Oslo
NORWAY
Tel: +4722 57 37 24
Fax: +4722 67 67 06
E-mail: oyvind.christophersen@sft.no

Torgrim ASPHJELL W3+P24 x
Norwegian Pollution Control Authority
Post Box 8100 Dep
0032 Oslo
NORWAY
Tel: +4722 57 36 52
Fax: +4722 67 67 06
E-mail: torgrim.asphjell@sft.no

Mahmood N. SYED H W3+P24 x
Ministry of Environment
CDA Block 4, Civic Center, G-6
Islamabad
PAKISTAN
Tel: +92 51 920 3025
Fax: +92 51 920 2211
E-mail: mnasir@lead.org.pk

Lilian PORTILLO National Climate Change Programme Secretaria del Ambiente Av. Madame Lynch No. 3500 Asuncion PARAGUAY Tel: +595 21 61 1764 Fax: +595 21 611 764 E-mail: pncc@seam.gov.py lportillo@telesurf.com.py	H W3+P24 x	Haeryong KWON Ministry of Foreign Affairs and Trade Seoul REPUBLIC OF KOREA Tel: +514 845 2555 Fax: +514 845 1119 E-mail: hrkwon84@mofat.go.kr	W3+P24 x
J. David HURTADO FUDINAGA Ministry of Foreign Affairs Lampa 545 Lima PERU Tel: +511 9737 2877 Fax: +511 311 2628 E-mail: dhurtado@rree.gob.pe	H W3+P24 x	Mihail DARADUR The State Hydrometeorological Service 193, Grenoble Str. MD 2043 Chisinau REPUBLIC OF MOLDOVA Tel: +373 22 773611 Fax: +373 22 773629 E-mail: daradur@mcc.md	H W3+P24 x
Eduardo CALVO Jr. Nicanor Arteaga 549 San Borja Lima 41 PERU Tel: +511 346 2299 Fax: +511 346 2299 E-mail: ecalvo@terra.com.pe e13calvo@hotmail.com	W3+P24 x	Yuri A. IZRAEL Vice-chair Inst. of Global Climate & Ecology Glebovskaya Street 20B 107258 Moscow RUSSIAN FEDERATION Tel: +7095 169 2430 Fax: +7095 160 0831 E-mail: yu.izrael@g23.relcom.ru izrael@di.igce.msk.ru	H P24 xx
Anna OLECKA Institute of Meteorology and Water Management Meteorology Center Podlesna 61 Warszawa 01673 POLAND Tel: +48 22 5694 167 Fax: +48 22 5694 169 E-mail: anna.olecka@imgw.pl	H P24 xx	Yuri A. ANOKHIN Institute of Global Climate & Ecology Glebovskaya Street 20B 107258 Moscow RUSSIAN FEDERATION Tel: +7095 169 2059 Fax: +7095 160 0831 E-mail: anokhin.igce@g23.relcom.ru	W3 x
Won-Tae KWON Korea Meteorological Administration 460-18, Sindaebang-dong, Dongjak-gu Seoul 156-720 REPUBLIC OF KOREA Tel: +82 2 846 2852 Fax: +82 2 846 2853 E-mail: wontk@metri.re.kr	H P24 xx	Didace MUSONI Rwanda Meteorological Services B.P. 898 Kigali RWANDA Tel: +250 575 813 / 08 502 319 Fax: +250 585 755 E-mail: meteo@rwanda1.com	H W3+P24 x
Seong-Gil KANG Maritime and Ocean Engineering Research Institute Korea Ocean Research and Development Institute P.O. Box 23, Yuseong Daejeon 305-600 REPUBLIC OF KOREA Tel: +82 42 868 7281 Fax: +82 42 868 7738 E-mail: kangsg@moeri.re.kr	W3+P24 x	Judith EPHRAIM Ministry of Physical Development, Environment & Housing Waterfront Castries SAINT LUCIA Tel: +1 758 468 4460/4518746 Fax: +1 758 453 0781/451 6958 E-mail: jephrain@planning.gov.lc	H W3+P24 x

<p>Cosme Manuel NASCIMENTO DIAS Instituto Nacional de Meteorologia CP 30 Sao Tome SAO TOME AND PRINCIPE Tel: +239 2 21975 Fax: +239 2 21975 E-mail: cosmemanuel@hotmail.com</p>	H W3+P24 x	<p>Will AGRICOLE National Meteorological Services P.O. Box 1145 Mahe SEYCHELLES Tel: +248 384066 Fax: +248 384078 E-mail: w.agricole@pps.gov.sc</p>	H W3+P24 x
<p>Awwad ALHARTHI Box 9871 Dhahran 31311 SAUDI ARABIA Tel: +966 387 47091 Fax: +966 387 31209 E-mail: harthiaa@kfupm.edu.sa</p>	W3 x	<p>Ogunlade DAVIDSON Co-chair WG3 Faculty of Engineering University of Sierra Leone Private Mail Bag Freetown SIERRA LEONE Tel: +232 22 226325 Cell: +232 76 670933 Fax: +232 22 224260 E-mail: ogunlade@sierratel.sl ogunladedavidson@hotmail.com</p>	W3+P24 x
<p>Mohammed ALFEHAID Ministry of Petroleum 1664 Dhahran 31311 SAUDI ARABIA Tel: +9663 874 6082 Fax: +9663 873 1209 E-mail: mohammed.fehaid@aramco.com</p>	W3 x	<p>Andrej KRANJIC Ministry of the Environment, Spatial Planning & Energy Dunajska c. 48 1000 Ljubljana SLOVENIA Tel: +386 1 478 7434 Fax: +386 1 478 7425 E-mail: andrej.kranjc@gov.si</p>	H W3+P24 x
<p>Aysar A. TAYEB Ministry of Petroleum & Mineral Resources Box 1113 Dhahran 31311 SAUDI ARABIA Tel: +966 3 873 6102 Fax: +966 3 873 1209 E-mail: aysar.tayeb@aramco.com</p>	W3+P24 x	<p>Lucka KAJFEZ-BOGATAJ University of Ljubljana Biotechnical Faculty Jamnikarjeva 101 SI-1000 Ljubljana SLOVENIA Tel: +386 1 4231161 Fax: +386 1 4231088 E-mail: lucka.kajfez.bogataj@bf.uni-lj.si</p>	W3+P24 x
<p>Cherif DIOP Senegal Meteorological Service Ministère du Tourisme et des Transports Aériens & Transport Aéroport Leopold Sedar Sanghor BP 8257 Dakar-Yoff SENEGAL Tel: +221 820 4887/635 4065 Fax: +221 820 1327 E-mail: cherifdiop@yahoo.fr</p>	H W3+P24 x	<p>Bhawoodien A. PARKER South African Weather Service P.O. Box 320 Stellenbosch 7599 SOUTH AFRICA Tel: +2721 888 2624 Fax: +27 21 888 2688 E-mail: baparker@weathersa.co.za</p>	H W3+P24 x
<p>Danica SPASOVA Hydrometeorological Institute of Serbia Kneza Visislava 66 P.O. Box 100 11000Belgrade SERBIA AND MONTENEGRO Tel: +381 11 2545 240 Fax: +381 11 35 37 847 E-mail: danicaspasov@yahoo.com</p>	H W3+P24 x	<p>Concepcion MARTINEZ-LOPE Spanish Bureau for Climate Change Ministry of Environment Plaza San Juan de la Cruz, s/n E-28071 Madrid SPAIN Tel: +34 91 597 6126 Fax: +34 91 597 5950/5982 E-mail: cmlope@oecc.mma.es</p>	H W3+P24 x

Ernesto RODRIGUEZ-CAMINO Instituto Nacional de Meteorología Ministerio de Medio Ambiente P.O. Box 285 28071 Madrid SPAIN Tel: +34 91 581 9663 Fax: +34 91 581 9767 E-mail: e.rodriguez@inm.es	P24 xx	Matthias LUNDBLAD Swedish Environmental Protection Agency SE 10648 Stockholm SWEDEN Tel: +46 8 698 1159 Fax: E-mail: matthias.lundblad@naturvardsverket.se	P24 xx
Sara AAGESEN Oficina Española de Cambio Climatico Ministerio de Medio Ambiente Plaza San Juan de la Cruz, s/n E-28071 Madrid SPAIN Tel: +34 91 597 6732 Fax: +34 91 597 5982 E-mail: sara.aagesen@oecc.mma.es	W3+P24 x	Kenneth MÖLLERSTEN Swedish Energy Agency Box 310 631 04 Eskilstuna SWEDEN Tel: +46 16 544 2094 Fax: 46 16 544 2099 E-mail: kenneth.mollersten@stem.se	W3 x
Gardi H.P. DHARMARATNA Department of Meteorology No. 383 Bauddhaloka Mawatha Colombo 7 SRI LANKA Tel: +94 11 2694104 Fax: +94 11 2698311 E-mail: gdharmaratna@yahoo.com	H W3+P24 x	José ROMERO Office Féd. de l'Environnement, des Forêts et du Paysage Division des Affaires internationales Papiermühlestrasse 172, Ittigen CH-3003 Bern SWITZERLAND Tel: +41 31 322 6862 Fax: +41 31 323 0349 or + 322 9981 E-mail: jose.romero@buwal.admin.ch	H W3+P24 x
Ismail A. ELGIZOULI Higher Council for Environment & Natural Resources (HCENR) P.O. Box 10488 Khartoum SUDAN Tel: +249 183 787616 /249 912 252612 (mob) Fax: +249 183 787617 /777 017 E-mail: elgizouli@yahoo.com hcenr@sudanmail.net	W3+P24 x	Haitham NASHAWATI Ministry of Local Administration and Environment PO Box 3773 Damascus SYRIAN ARAB REPUBLIC Tel: +963 11 4465905 Fax: +963 11 4461079 E-mail: Env-Min@net.sy	H W3+P24 x
Mduduzi Sunshine GAMEDZE Swaziland Meteorological Service Ministry of Public works & Transport P.O. Box 58 Mbabane SWAZILAND Tel: +268 404 8859 Fax: +268 4041530 E-mail: gamedze@msn.com	H W3+P24 x	Ilhom RAJABOV State Committee on Environmental Protection and Forestry Shevchenko Street 47 Dushanbe 734025 TAJIKISTAN Tel: +992 372 276 181 Fax: +992 372 276 181 E-mail: ilhomrajabov@mail.ru	H W3+P24 x
Marianne LILLIESKOLD Swedish Environmental Protection Agency SE 10648 Stockholm SWEDEN Tel: +46 8 698 1269 Fax: +46 8 698 1664 E-mail: marianne.lillieskold@naturvardsverket.se	H W3+P24 x	Aree Wattana TUMMAKIRD Ministry of Natural Resources & Environment Office of Natural Resources & Environmental Policy & Planning 60/1 Soi Phibun Wattana 7 Rama VI Road, Phayatai District Bangkok 10400 THAILAND Tel: +662 279 7180 9 x 192 Fax: +662 298 6060 E-mail: areewat@onep.go.th	H W3+P24 x

Kansri BOONPRAGOB W3+P24 x
Department of Biology - Faculty of Science
Ramkhamhaeng University
Thanon Ramkhamhaeng, Hau Mak
Bangkapi
Bangkok 10240
THAILAND
Tel: +66 2 310 8395
Fax: +66 2 310 8395
E-mail: kansri@ram1.ru.ac.th
bkansri@hotmail.com

Natasa MARKOVSKA H W3+P24 x
Research Centre for Energy, Informatics and Materials
Macedonian Academy of Sciences and Arts
St. K. Misirkov 2
P.O. Box 428
1000 Skopje
**THE FORMER YUGOSLAV REPUBLIC
OF MACEDONIA**
Tel: +389 2 3235 427
Fax: +389 2 3235 423
E-mail: natasa@manu.edu.mk

Komi TOMYEBA H W3+P24 x
Direction de l'Environnement
Ministère de l'Environnement et
des Ressources Forestières
B.P. 4825
Lomé
TOGO
Tel: +228 221 3321
Fax: +228 221 0333
E-mail: ktomyeba@yahoo.fr

Arlene AARON H W3+P24 x
T&T Meteorological Services
Piarco Airport
South Terminal
Piarco
TRINIDAD AND TOBAGO
Tel: +1 868 669 5465
Fax: +1 868 669 4009
E-mail: apet@tstt.net.tt

Mohammed HASSAIRI H W3+P24 x
Ministère de l'Environnement et
du Développement durable

Tunis
TUNISIA
Tel: +216 718 74700
Fax: +
E-mail: mohamed.hassairi@enit.rnu.tu

Kadir ALP H W3+P24 x
Environmental Engineering Department
Istanbul Technical University
Maslak 80626
Istanbul
TURKEY
Tel: +90 212 285 6541
Fax: +90 212 286 3781
E-mail: kalp@ins.itu.edu.tr

Stephen A.K. MAGEZI H W3+P24 x
Department of Meteorology
P.O. Box 7025
Kampala
UGANDA
Tel: +256 41 251798
Fax: +256 41 251797
E-mail: steven.magezi@meteo-uganda.com

Viacheslav LIPINSKY H W3+P24 x
State Hydrometeorological Service
6 Zolotovorotskaya Street
01034 Kiev 34
UKRAINE
Tel: +380 44 239 9333
Fax: +380 44 228 1375/246 5630
E-mail: lipins@ukrweather.kiev.ua

David WARRILOW H P24 xx
Dept. for Environment, Food & Rural Affairs
Global Atmosphere Division
3/B3 - Ashdown House
123 Victoria Street
London SW1E 6DE
UNITED KINGDOM
Tel: +44 20 7082 8149
Fax: +44 20 7082 8151
E-mail: david.warrilow@defra.gsi.gov.uk

Stephen CORNELIUS W3 x
Dept. for Environment, Food & Rural Affairs
Global Atmosphere Division
3/A1 - Ashdown House
123 Victoria Street
London SW1E 6DE
UNITED KINGDOM
Tel: +44 20 7082 8156
Fax: +44 20 7082 8151
E-mail: steve.cornelius@defra.gsi.gov.uk

Cinzia LOSENNO W3+P24 x
Dept. for Environment, Food & Rural Affairs
Global Atmosphere Division
Ashdown House
123 Victoria Street
London SW1E 6DE
UNITED KINGDOM
Tel: +44 20 7082 8160
Fax: +44 20 7082 8143
E-mail: cinzia.losenno@defra.gsi.gov.uk

<p>Jim PENMAN Dept. for Environment, Food & Rural Affairs Global Atmosphere Division 3/A1, Ashdown House 123 Victoria Street London SW1E 6DE UNITED KINGDOM Tel: +44 20 7082 8152 Fax: +44 20 7082 8151 E-mail: jim.penman@defra.gsi.gov.uk</p>	W3+P24 x	<p>Ko BARRETT International Affairs Climate Programme Office, NOAA 1100 Wayne Avenue Silver Spring, MD 20912 USA Tel: +1 301 427 2089 Fax: +1 301 427 2082 E-mail: Ko.barrett@noaa.gov</p>	P24 xx
<p>Deusdedit A. KASHASHA Tanzania Meteorological Agency P.O. Box 3056 Dar Es Salaam UNITED REPUBLIC OF TANZANIA Tel: +255 22 246 0706 Fax: +255 22 246 0735 E-mail: dkashasha@meteo.go.tz</p>	H W3+P24 x	<p>Kevin BAUMERT OES/L US Department of State Washington USA Tel: +1 301 452 0191 Fax: +1 202 E-mail: baumertk@state.gov</p>	P24 xx
<p>Maria Lydia BERNASCONI Direccion Nacional de Meteorologia Javier Barrios Amorin 1488 Montevideo URUGUAY Tel: +598 2 305 7844 Fax: +598 2 409 7391 E-mail: lilabernasconi@yahoo.com</p>	H P24 xx	<p>Robert BURRUSS US Geological Survey Department of the Interior 12201 Sunrise Valley Drive Reston, VA 20192 USA Tel: +1 703 648 6144 Fax: +1 703 648 6419 E-mail: burruss@usgs.gov</p>	W3 x
<p>Harlan WATSON Bureau of Oceans and International Environmental and Scientific Affairs US Department of State 2201 C Street N.W. Room 4330 Washington D.C. 20520-7818 USA Tel: +1 202 647 3489 Fax: +1 202 647 3970 E-mail: watsonhl@state.gov</p>	H (P24) P24 xx	<p>Charles BYRER National Energy Technology Laboratory Department of Energy 3610 Collins Ferry Road Morgantown, WV 26507 USA Tel: +1 304 285 4547 Fax: +1 304 285 4469 E-mail: charles.byrer@netl.doe.gov</p>	W3 x
<p>Trigg TALLEY Office of Global Change, Room 4330 US Department of State 2201 C Street N.W. Washington DC 20520 USA Tel: +1 202 647 3984 Fax: +1 202 647 0191 E-mail: talleyt@state.gov</p>	H (W3) W3+P24 x	<p>Michael CURTIS US Department of Energy 1000 Independence Avenue, S.W. Washington D.C. 20585 USA Tel: +1 202 586 2115 Fax: +1 202 586 5342 E-mail: michael.curtis@hq.doe.gov</p>	W3 x
<p>Christo ARTUSIO OES/EGC US Department of State Washington D.C. 20520-7818 USA Tel: +1 202 647 4295 Fax: +1 202 647 0191 E-mail: artusiof@state.gov</p>	W3 x	<p>Francisco DE LA CHESNAYE US Environmental Protection Agency 1200 Pennsylvania Ave. N.W. Washington D.C. 20460 USA Tel: +1 202 343 9010 Fax: +1 202 343 E-mail: delachesnaye.francisco@epamail.epa.gov</p>	P24 xx

<p>William FARNETH Office of Global Change, OES/EGC US Department of State 2201 C Street N.W. Washington, D.C. 20007 USA Tel: +1 202 736 7444 Fax: +1 202 647 3970 E-mail: farnethwe@state.gov</p>	W3+P24 x	<p>Susan SOLOMON Co-chair WG1 NOAA Aeronomy Laboratory Mailstop R/AL, Room 3A127 Boulder, CO 80305-3328 USA Tel: +1 303 497 3483 Fax: +1 303 497 5686 E-mail: ssolomon@al.noaa.gov</p>	P24 xx
<p>Nancy HOLT OES/EGC US Department of State 2201 C Street N.W. Washington D.C. 20520 USA Tel: +1 202 647 4069 Fax: +1 202 647 3970 E-mail: holtns@state.gov</p>	W3 x	<p>Tatyana OSOSKOVA Main Administration of Hydrometeorology 72 K Makhsumov Street Tashkent 700052 UZBEKISTAN Tel: +998 71 133 6117 / 136 0758 Fax: +998 71 133 2025 E-mail: ososkova@meteo.uz</p>	H W3+P24 x
<p>Anhar KARIMJEE US Environmental Protection Agency 1200 Pennsylvania Ave. N.W. Washington D.C. 20460 USA Tel: +1 202 343 9260 Fax: +1 202 343 2202 E-mail: karimjee.anhar@epamail.epa.gov</p>	W3 x	<p>HOA HOANG MANH National Office for Climate Change and Ozone Protection Ministry of Natural Resources and Environment No. 57 Nguyen Du Street Hanoi VIETNAM Tel: +84 4 822 8974 Fax: +84 4 826 3847 E-mail: vnccoffice@fpt.vn</p>	H W3+P24 x
<p>Dina KRUGER US Environmental Protection Agency 1200 Pennsylvania Ave. N.W. Washington D.C. 20460 USA Tel: +1 202 343 9039 Fax: +1 202 343 2208 E-mail: kruger.dina@epamail.epa.gov</p>	P24 xx	<p>Lemmy NAMAYANGA Environmental Council of Zambia P.O.Box 35131 Lusaka ZAMBIA Tel: +260 1 254023/59 Fax: +260 1 254164/260-1-250230 E-mail: lnamayanga@yahoo.com lnamayanga@necz.org.zm</p>	H (W3) W3 x
<p>Lourdes MAURICE Office of Environment and Energy US Federal Aviation Agency 800 Independence Avenue SW Washington D.C. USA Tel: +1 202 493 4293 Fax: +1 202 267 5594 E-mail: lourdes.maurice@faa.gov</p>	P24 xx	<p>Kenneth NKOWANI Ministry of Tourism, Environment & Natural Resources Cairo Road P.O. Box 34011 10101 Lusaka ZAMBIA Tel: +260 1 229 417 Fax: +260 1 229 417 E-mail: kapalakonje@yahoo.com</p>	H (P24) P24 xx
<p>Richard H. MOSS Co-Chair, TGICA Climate Change Science Program 1717 Pennsylvania Avenue NW, Suite 250 Washington, D.C 20006 USA Tel: +1 202 419 3476 Fax: +1 202 223 3908 E-mail: rmoss@usgcrp.gov</p>	P24 xx	<p>Washington ZHAKATA Climate Change Office Ministry of Environment and Tourism P. Bag 7753 Causeway Harare ZIMBABWE Tel: +263 4 701 681-5 Fax: +263 4 702 758 E-mail: climate@ecoweb.co.zw</p>	H W3+P24 x

LEAD AUTHORS

Juan Carlos ABANADES Instituto Nacional del Carbon (CSIC) Francisco Pintado Fe, 26 Oviedo 33011 Spain Tel: +34 985 11 90 90 (direct: 985118980) Fax: +34 985 297 662 E-mail: abanades@incar.csic.es	W3 x	Richard DOCTOR Argonne National Laboratory Hydrogen and Greenhouse Gas Engineering Energy Systems Division 9700 South Cass Avenue Argonne IL 60439-4815 USA Tel: +1 630-252-5913 Fax: +1 630 252 9281 E-mail: rdoctor@anl.gov	W3 x
Makoto AKAI National Institute of Advanced Industrial Science and Technology 1-2-1 Namiki, Tsukuba Ibaraki 305-8564 Japan Tel: +81 29 861 7244 Fax: +81 298 517 523 E-mail: m.akai@aist.go.jp	W3 x	Paul FREUND 4 Taylors End Cheltenham GL50 2QA United Kingdom Tel: +44 1242 526755 Fax: E-mail: paul.freund@tiscali.co.uk	W3 x
Sally BENSON Ernest Orlando Lawrence Berkeley National Laboratory University of California One Cyclotron Road Bldg. 50A, Room 4112 Berkeley CA 94720 USA Tel: +510 486 6120 / 5875 Fax: +1 510 486 4686 E-mail: smbenson@lbl.gov	W3 x	John GALE IEA Greenhouse Gas R&D Programme CRE Group Ltd. Orchard Business Centre Stoke Orchard, Cheltenham Gloucestershire GL52 7RZ United Kingdom Tel: +44 1242 680753 Fax: +44 1 242 680 758 E-mail: johng@ieaghg.org	W3 x
Ken CALDEIRA Lawrence Livermore National Laboratory CCCM, Atmospheric Science Division P.O. Box 808, L103 Livermore CA-94551-0808 USA Tel: +1 925 4234191 Fax: +1 925 422 63 88 E-mail: kenc@llnl.gov	W3 x	Wolfgang HEIDUG Shell International Exploration and Production B.V. P.O. Box 60 / Volmerlaan 8 Rijswijk 2280 AB Netherlands Tel: +31 70 4472785 Fax: +31 704 773 366 E-mail: wolfgang.heidug@shell.com	W3 x
Peter COOK Cooperative Research Centre for Greenhouse Gas Technologies Level 3, 24 Marcus Clarks Street GPO Box 463 Canberra ACT 2601 Australia Tel: +61 2 62003366 / +61 438 710 101 / 0419 490044 Fax: +61 262 300 448 E-mail: pjcook@co2crc.com.au	W3 x	Howard HERZOG Massachusetts Institute of Technology (MIT) Laboratory for Energy & the Environment Bldg. E40-471 Cambridge MA 02139 USA Tel: +1 617 253 0688 Fax: +1 617 253 8015 E-mail: hjherzog@mit.edu	W3 x
		David KEITH University of Calgary Department of Chemical and Petroleum Engineering 2500 University Drive NW Calgary, AB T2N 1N4 Canada Tel: +1 403 220-6154 Fax: +1 412 268 3757 E-mail: keith@ucalgary.ca	W3 x

Marco MAZZOTTI W3 x
ETH Swiss Federal Institute of Technology Zurich
Institute of Process Engineering
ETH Zentrum, ML G25
Sonneggstrasse 3
Zurich - 8092
Switzerland
Tel: +41 1 6322 456/2486
Fax: +411 632 11 41
E-mail: mazzotti@ivuk.mavt.ethz.ch

Balgis M.E. OSMAN ELASHA W3 x
Higher Council for Environment & Natural Resources
(HCENR)
P.O. Box 10489
Khartoum
Sudan
Tel: +249 183 786 903
Fax: +249 183 787617 /777 018
E-mail: balgis@yahoo.com

Keywan RIAHI W3 x
International Institute for Applied Systems Analysis
(IIASA)
Schlossplatz 1
Laxenburg 2361
Austria
Tel: +43 22 36 807 x 491
Fax: +43 22 36 807 498
E-mail: riahi@iiasa.ac.at

Edward RUBIN W3 x
Carnegie Mellon University
Engineering and Public Policy
Baker Hall 128A
5000 Forbes Avenue
Pittsburgh PA 15213
USA
Tel: +1 414 268 5897
Fax:
E-mail: rubin@cmu.edu

Mohammad SOLTANIEH W3 x
Department of Environment
Environmental Research Centre
Hemmat Expressway, Pardisan Nature Park
P.O. Box 15875-5181
Tehran
Iran, Islamic Republic of
Tel: +98 21 8826 4002
Fax: +98 21 8826 7994/8890 8230
E-mail: msoltanieh@kanoon.net

Kailai THAMBIMUTHU W3 x
Centre for Low Emission Technology, CSIRO
PO Box 883
Kenmore, Queensland 4069
Australia
Tel: +61 (0)7 3327 4061
Fax: +61 (0)7 3327 4881
E-mail: kelly.thambimuthu@csiro.au

ORGANIZATIONS

Klaus TÖPFER P24 xx
Executive Director
United Nations Environment Programme
P.O. Box 30552
Nairobi
KENYA
Tel: +254 20 624 001/2
Fax: +254 20 624 006
E-mail: klaus.toepfer@unep.org

Alexander ALUSA W3+P24 x
United Nations Environment Programme
P.O. Box 47074
Nairobi
KENYA
Tel: +254 20 623455
Fax: +254 20 624255
E-mail: alex.alusa@unep.org

Hong YAN P24 xx
Deputy Secretary-General
World Meteorological Organization
P.O. Box 2300
1211 Geneva 2
SWITZERLAND
Tel: +41 22 730 8111
Fax: +41 22 730 8
E-mail: hyan@wmo.int

Ken DAVIDSON W3+P24 x
World Meteorological Organization
P.O. Box 2300
1211 Geneva 2
SWITZERLAND
Tel: +1 828 253 1582
Fax:
E-mail: kddjzd@yahoo.com

Attilio COSTAGUTA W3+P24 x
International Civil Aviation Organization
999, University Street
Montreal, Quebec H3C 5H7
CANADA
Tel: +1 514 954 8374
Fax: +1 514 954 6744
E-mail: acostaguta@icao.int

Jane HUPE W3+P24 x
International Civil Aviation Organization
999, University Street
Montreal, Quebec H3C 5H7
CANADA
Tel: +1 514 954 8219
Fax: +1 514 954 6744
E-mail: jhupe@icao.int

<p>Chaouki MUSTAPHA International Civil Aviation Organization 999, University Street Montreal, Quebec H3C 5H7 CANADA Tel: +1 514 954 8219 Fax: +1 514 954 6077 E-mail: cmustapha@icao.int</p>	W3+P24 x	<p>William HARE Greenpeace International PIK Telegrafenberg A31 P.O. Box 601203 Potsdam GERMANY Tel: +49 331 288 2412 Fax: +49 331 288 2570 E-mail: hare@pik-potsdam.de</p>	P24 x
<p>Halldor THORGEIRSSON UNFCCC Climate Change Secretariat P.O. Box 260 124 D-53153 Bonn GERMANY Tel: +49 228 815 1424 Fax: +49 228 815 1999 E-mail: hthorgeirsson@unfccc.int</p>	W3+P24 x	<p>Gabriela von GOERNE Greenpeace Grosse Elbstrasse 39 22767 Hamburg GERMANY Tel: +49 40 30618 352 Fax: +49 40 30631 152 E-mail: gabriela.goerne@de.greenpeace.org</p>	W3 x
<p>Florin VLADU UNFCCC Climate Change Secretariat P.O. Box 260 124 D-53153 Bonn GERMANY Tel: +49 228 815 1422 Fax: +49 228 815 1999 E-mail: fvladu@unfccc.int</p>	W3 x	<p>Stephanie TUNMORE Greenpeace U.K. Canonbury Villas London N1 2PN UNITED KINGDOM Tel: +44 7796 947 451 Fax: +44 207 865 8200 E-mail: stephanie.tunmore@uk.greenpeace.org</p>	W3+P24 x
<p>Claire STOCKWELL UNITAR Climate Change Programme Palais des Nations 1211 Geneve 10 SWITZERLAND Tel: +41 22 917 8588 Fax: +41 22 917 8047 E-mail: claire.stockwell@unitar.org</p>	P24 xx	<p>Haroon KHESHGI IPIECA Exxon Mobil Route 22 East Annandale, NJ 08801 USA Tel: +1 908 730 2531 Fax: +1 908 730 3301 E-mail: haroon.s.kheshgi@exxonmobil.com</p>	W3 x
<p>Lars MÜLLER European Commission DG Environment BU 9 06/161 B-1060 Brussels BELGIUM Tel: +32 2 2299 0565 Fax: +32 2 2296 9970 E-mail: lars.muller@cec.eu.int</p>	P24 xx	<p>Leonard S. BERNSTEIN IPIECA 488, Kimberly Avenue Asheville, NC 28804 USA Tel: +1 828 250 0245 Fax: +1 828 250 0244 E-mail: lsberns@worldnet.att.net</p>	P24 xx
<p>Nebojsa NAKICENOVIC IIASA Schlossplatz 1 A-2361 Laxenburg AUSTRIA Tel: +43 2236 807 411 Fax: +43 2236 807 488 E-mail: naki@iiasa.at naki@eeg.tuwien.ac.at</p>	W3 xx	<p>Robert Mc FADDEN GHG Associates 5902 Mt. Eagle Drive, Suite 1415 Alexandria, VA 2303 USA Tel: +1 703 329 0780 Fax: +1 703 329 9630 E-mail: mcfadden-ghg@att.net</p>	W3+P24 x

<p>Eric WANLESS Rocky Mountain Institute Energy and Resources Services 1739 Snowmass Creeek Road Snowmass, CO 81654 USA Tel: +1 970 927 3851 Fax: +1 970 927 4510 E-mail: ewanless@rmi.org</p>	W3+P24 x	<p>TECHNICAL SUPPORT UNITS</p> <p>Martin MANNING P24 xx Head, IPCC WG I Technical Support Unit NOAA Aeronomy Laboratory 325 Broadway, R/AL8 Boulder, CO 80305 USA Tel: +1 303 497 4479 (direct) Fax: +1 303 497 5686 E-mail: mmanning@al.noaa.gov</p>
<p>Rebecca KATZ Rocky Mountain Institute Energy and Resources Services 2634 Grapewood Lane Boulder, CO 81654 USA Tel: +1 650 269 9765 Fax: E-mail: beccakatz@gmail.com</p>	P24 xx	<p>Melinda TIGNOR P24 xx IPCC WG I Technical Support Unit NOAA Aeronomy Laboratory 325 Broadway, R/AL8 Boulder, CO 80305 USA Tel: +1 303 497 7072(direct) Fax: +1 303 497 5628 E-mail: tignor@ucar.edu</p>
<p>Christine COPLEY World Coal Institute Cambridge House 180 Upper Richmond Road Putney London SW15 2SH UNITED KINGDOM Tel: +44 20 8246 6611 Fax: +44 20 8246 6622 E-mail: ccopley@worldcoal.org</p>	W3+P24 x	<p>Jean PALUTIKOF W3+P24 x Head, IPCC WG II Technical Support Unit Hadley Centre for Climate Prediction and Research Met Office, Fitzroy Road Exeter EX1 3PB UNITED KINGDOM Tel: +44 1344 856 212 Fax: +44 1344 856 912 E-mail: jean.palutikof@metoffice.gov.uk</p>
<p>Jennifer MORGAN WWF International Grosse Präsidentenstrasse 10 10178 Berlin GERMANY Tel: +49 30 30 87420 Fax: +49 30 30 874250 E-mail: morgan@wwf.de</p>	P24 xx	<p>Paul VAN DER LINDEN P24 xx IPCC WG II Technical Support Unit Hadley Centre for Climate Prediction and Research Met Office, Fitzroy Road Exeter EX1 3PB UNITED KINGDOM Tel: +44 1392 884665 Fax: +44 1392 885681 E-mail: paul.vanderlinden@metoffice.gov.uk</p>
<p>Michael CASE WWF US 1250 24th Street, NW Washington, DC 20037-1193 USA Tel: +1 202 492 0586 Fax: +1 202 331 2391 E-mail: michael.case@wwf.org</p>	P24 xx	<p>Carla ENCINAS W3+P24 x IPCC WG II Technical Support Unit Hadley Centre for Climate Prediction & Research Met Office, Fitzroy Road Exeter EX1 3PB UNITED KINGDOM Tel: Fax: +44 1392 885681 E-mail: carla.encinas@metoffice.gov.uk</p>
<p>Anne TREMBLAY Quebec Environment Ministry 675, René Levesque E Quebec, QUE G1V 5R7 CANADA Tel: +1 418 521 3813 Fax: +418 646 4920 E-mail: anne.tremblay@mddep.gouv.qc.ca</p>	W3 x	<p>Leo A. MEYER W3+P24 x Head, IPCC WG III Technical Support Unit Netherlands Environmental Assessment Agency (MNP) at RIVM P.O. Box 303 3720 BA Bilthoven NETHERLANDS Tel: +31 30 274 4090 Fax: +31 30 274 4464 E-mail: leo.meyer@mnp.nl</p>

Heleen DE CONINCK W3 x
IPCC WG III Technical Support Unit
Energy research Centre of the Netherlands (ECN)
Badhuisweg 3
P.O. Box 37154
1030 AD Amsterdam
NETHERLANDS
Tel: +31 224 56 4316
Fax: +31 20 492 2812
E-mail: deconinck@ecn.nl

Monique HOOGWJK W3 x
IPCC WG III Technical Support Unit
Netherlands Environmental Assessment Agency (MNP) at
RIVM
P.O. Box 303
3720 BA Bilthoven
NETHERLANDS
Tel: +31 30 274 3499
Fax: +31 30 274 4464
E-mail: Monique.Hoogwijk@mnp.nl

Manuela LOOS W3 x
IPCC WG III Technical Support Unit
Energy research Centre of the Netherlands (ECN)
Badhuisweg 3
P.O. Box 37154
1030 AD Amsterdam
NETHERLANDS
E-mail: loos@ecn.nl

Simon EGGLESTON W3+P24 x
Head, Technical Support Unit TFI
National Greenhouse Gas Inventories Programme (NGGIP)
2108-11, Kamiyamaguchi, Hayama
Kanagawa 240-0115
JAPAN
Tel: +81 468 55 3750
Fax: +81 468 55 3808
E-mail: eggleston@iges.or.jp

Kyoko MIWA W3+P24 x
Technical Support Unit TFI
National Greenhouse Gas Inventories Programme (NGGIP)
2108-11, Kamiyamaguchi, Hayama
Kanagawa 240-0115
JAPAN
Tel: +81 468 55 3750
Fax: +81 468 55 3808
E-mail: miwa@iges.or.jp

Todd NGARA W3+P24 x
Technical Support Unit TFI
National Greenhouse Gas Inventories Programme (NGGIP)
2108-11, Kamiyamaguchi, Hayama
Kanagawa 240-0115
JAPAN
Tel: +81 468 55 3750
Fax: +81 468 55 3808
E-mail: ngara@iges.or.jp

PRESS OFFICER

Michael WILLIAMS P24 xx
UNEP Information Officer
International Environment House
11-13 chemin des Anémones
CH-1219 Châtelaine Geneva
SWITZERLAND
Tel: +41 79 409 1528
Fax:
E-mail: michael.williams@unep.ch

CONFERENCE OFFICER

Francis HAYES W3+P24 x
WMO Conference Officer
World Meteorological Organization
P.O. Box 2300
1211 Geneva 2
SWITZERLAND
Tel: +41 22 730 8111
Fax: +41 22 730
E-mail: FHayes@wmo.int

ENB REPORTING SERVICES

Ingrid BARNESLEY W3+P24 x
Maria GUTIERREZ W3+P24 x
Miquel MUÑOZ W3+P24 x
Alexis CONRAD W3+P24 x
Francis DEJON W3+P24 x
Maria de los Angeles ESTRADA VIGIL W3+P24 x

IPCC SECRETARIAT

Renate CHRIST W3+P24 x
Secretary of the IPCC
E-mail: RChrist@wmo.int

Jian LIU W3+P24 x
Deputy Secretary of the IPCC
E-mail: Jianliu@wmo.int

Rudie BOURGEOIS W3+P24 x
IPCC Secretariat
E-mail: RBourgeois@wmo.int

Mary-Jean BURER P24 xx
IPCC Secretariat
E-mail: MBurer@wmo.int

Annie COURTIN W3+P24 x
IPCC Secretariat
E-mail: ACourtin@wmo.int

Joelle FERNANDEZ W3+P24 x
IPCC Secretariat
E-mail: JFernandez@wmo.int

Decision taken during IPCC-XXIV on the Programme and Budget for 2006 to 2008

Based on the recommendations of the Financial Task Team, the Panel:

1. Thanked the Secretary of the IPCC for the presentation of the IPCC Trust Fund programme and budget for 2006, forecast budget for 2007 and indicative budget for 2008, contained in document IPCC-XXIV/Doc. 4, Rev.1.
2. Thanked the Chair of IPCC and the Secretary for their efforts to widen the basis of financial contributors to IPCC.
3. Took note of the revenues and expenditures for 2004 as presented in IPCC-XXIV/Doc. 4, Rev.1
4. Took note of the proposal of the planned expenditure presented in IPCC-XXIV/Doc. 4, Rev.1 and thanked the Secretary for presenting a clear integrated forecast of expenses over the period of the Fourth Assessment.
5. Noted that for the 2005-2008 period of the Fourth Assessment, the overall expenses are expected to be around 25 million CHF. Taking into account the carry over from 2004, the averaged yearly total of contributions needed in the coming three years is estimated to be 5.5 million CHF, in order to have a sufficient carry over to ensure the transition into the next assessment period.
6. Adopted the revised budget for the year 2006 as attached.
7. Took note of the forecast budget for 2007 and of the indicative budgets for 2008 as attached.
8. Encouraged the Technical Support Units of Working Groups and the NGGIP, and the Co-chairs of TGICA to continue providing the IPCC Secretariat with early notice of planned meetings and other activities proposed to be funded by the IPCC Trust Fund.
9. Recommended that the Secretariat continue updating and presenting regularly the annual rate of voluntary cash contributions to the IPCC Trust Fund since its inception and communicating this information to governments and other contributors in fund raising letters seeking voluntary contributions to the Trust Fund.
10. Expressed its profound gratitude to the WMO for financing one position and hosting the secretariat, and to the UNEP for financing one position and continuing support to disseminating the IPCC findings and to the UNFCCC for its generous contribution and spirit of cooperation.
11. Expressed its deep gratitude to governments, including those of developing countries, for their generous contributions to the IPCC Trust Fund, the hosting of TSUs and data distribution centres, and numerous in-kind contributions, including that of TERI for the web-site support, and the hosting of IPCC meetings.
12. Invited governments that may be in a position to do so to contribute to the IPCC Trust Fund taking into account the work programme and financial requirements for the full assessment period, and requested the Chair formally writes to governments and other possible contributors requesting such contributions.

BUDGET FOR 2006 ADOPTED BY IPCC-XXIV

Table 1

Activity	Purpose	DC/EIT support	Other Expenditure	Sub-total
Governing bodies				
IPCC-25 3 days	Adopt/accept 2006 Guidelines Discussion BUR size and regional distribution	540,000 120 journeys	156,000	696,000
Bureau	2 sessions	162,000 36 journeys	208,000	370,000
TFB	2 sessions	63,000 14 journeys	8,190	71,190
SBSTA/COP/JWG and other meetings		67,500 15 journeys		67,500
SUB-TOTAL				1,204,690
LA meetings				
2006GL	CLA/LA meeting before IPCC-25	45,000 10 journeys	5,850	50,850
WG I AR4	1 CLA/LA meeting and technical summary meeting	270,000 60 journeys	35,100	305,100
WG II AR4	2 CLA/LA meetings	972,000 216 journeys incl. 20 RE	126,360	1,098,360
	Chapter meetings	180,000 40 journeys	23,400	203,400
	SPM meeting	112,500 25 journeys	14,625	127,125
WGIII AR4	2 CLA/LA meetings	675,000 150 journeys	87,750	762,750
	1 chapter meeting	22,500 5 journeys	2,925	25,425
	LA/ER meeting	45,000 10 journeys	5,850	50,850
AR4 SYR	1 writing team meeting	67,500 15 journeys	8,775	76,275
SUB-TOTAL				2,700,135
Scoping meetings, expert meetings and workshops				
TGICA	2 meetings + 1 expert meeting	157,500 35 journeys	20,475	177,975
EFDB Board	1 meeting	94,500 21 journeys	12,285	106,785
2006 GL software	1 expert meeting	90,000 20 journeys	11,700	101,700
Scenarios	1 expert meeting	180,000 40 journeys	23,400	203,400
NGGIP future tasks	1 scoping meeting (subject to approval by IPCC-25)	90,000 20 journeys	11,700	101,700
SUB-TOTAL				691,560
Other expenditures				
Publications	EFDB update/management			40,000
	Revised 2006 Guidelines	Pub/transl. (overv)		600,000
SYR	Part-time staff for SYR TSU P3/4	6 months		48,000
	Graphics guidelines and design			30,000
Outreach	Activities and staff P3/4			300,000
Secretariat				770,000
Co-chairs				200,000
SUB-TOTAL				1,988,000
TOTAL				6,584,385

FORECAST BUDGET FOR 2007 NOTED BY IPCC-XXIV

Table 2

Activity	Purpose	DC/EIT support	Other Expenditure	Sub-total
Governing bodies				
IPCC-26 3 days	Accept WG contributions to AR4 Future of IPCC; Various	540,000 120 journeys	156,000	696,000
IPCC-27 5 days	Adopt AR4 SyR Programme & budget; Various	540,000 120 journeys	260,000	800,000
WG I session 4 days	Approve WG I contribution to AR4	540,000 120 journeys	208,000	748,000
WG II session 4 days	Approve WG II contribution to AR4	540,000 120 journeys	208,000	748,000
WG III session 4 days	Approve WG III contribution to AR4	540,000 120 journeys	208,000	748,000
Bureau	2 sessions	162,000 36 journeys	208,000	370,000
TFB	1 session	31,500 7 journeys	4,095	35,595
SBSTA/COP/JWG and other meetings		67,500 15 journeys		67,500
SUB-TOTAL				4,213,095
LA meetings				
WG I AR4	Final CLA/LA meeting before WG session	45,000 10 journeys	5,850	50,850
WG II AR4	Final CLA/LA meeting before WG session	67,500 15 journeys	8,775	76,275
	Second SPM meeting	112,500 25 journeys	14,625	127,125
WG III AR4	Final CLA/LA meeting before WG session	45,000 10 journeys	5,850	50,850
	1 Chapter meeting	22,500 5 journeys	2,925	25,425
AR4 SYR	3 Writing team meeting incl. REs and final meeting before IPCC-27	247,500 55 journeys	32,175	279,675
TP Mtg Climate Change & Water	2 LA meetings	180,000 40 journeys	23,400	203,400
SUB-TOTAL				813,600
Scoping meetings, expert meetings and workshops				
TGCIA	2 meetings	90,000 20 journeys	11,700	101,700
EFDB Board	1 meeting	94,500 21 journeys	12,285	106,785
SUB-TOTAL				208,485
Other Expenditures				
Publications	EFDB update/management			9,000
	Publication AR4			1,000,000
	Publication AR4 SYR			100,000
SYR	Part-time staff for SYR TSU P3/4	12 months		96,000
	Graphics layout			60,000
2006 GL software	Software development	60,000		60,000
Outreach				400,000
Secretariat				770,000
Co-chairs				200,000
SUB-TOTAL				2,695,000
TOTAL				7,930,180

Table 3

INDICATIVE BUDGET FOR 2008 NOTED BY IPCC-XXIV

Activity	Purpose	DC/EIT support	Other Expenditure	Sub-total
Governing bodies				
IPCC-28 3 days	Bureau election Outreach; Programme & budget	540,000 120 journeys	156,000	696,000
Bureau	2 sessions 36 journeys	162,000	208,000	370,000
TFB	1 session 7 journeys	31,500	4,095	35,595
SBSTA/COP/JWG and other meetings		67,500 15 journeys		67,500
SUB-TOTAL				1,169,095
Scoping meetings, expert meetings and workshops				
TGICA	2 meetings 14 journeys	63,000	8,190	71,190
EFDB Board	1 meeting 21 journeys	94,500	12,285	106,785
SUB-TOTAL				177,975
Other Expenditures				
Publications	EFDB update/management			9,000
	Publication AR4			1,000,000
	Publication & translation AR4 SYR			400,000
Outreach				300,000
Secretariat				770,000
Co-Chairs				200,000
SUB-TOTAL				2,679,000
TOTAL				4,026,070

DRAFT Rules of Procedures for the Election of the IPCC Bureau and any Task Force Bureau

I. Scope

Rule 1

These rules of procedures shall apply to any elections of the Intergovernmental Panel on Climate Change Bureau and any Task Force Bureau constituted by the Panel.

II. Definitions

Rule 2

For the purposes of these rules:

1. "Bureau Member" or "Member of Bureau" refers to any person that holds one of the posts in the IPCC Bureau.
2. "Delegate" means a member of a delegation of a Member of the IPCC.
3. "IPCC Bureau" refers to the body of elected members of the Bureau of the IPCC Bureau as given in Annex C Section I.
4. "Meeting" means a single sitting at a Session of the IPCC.
5. "Members of the IPCC" are countries, which are Members of the World Meteorological Organization and/or the United Nations Environment Programme.
6. "Principal delegate" means Head of the delegation of a Member of the IPCC.
7. "Region" means the geographical limits of the six WMO regions as indicated in Annex A.
8. "Rules of Procedures" means these Rules of Procedures for the Election of the IPCC Bureau and any Task Force Bureau, including any annexes.
9. "Secretariat" means the permanent IPCC Secretariat established by WMO and UNEP.
10. "Session" refers to a series of meetings at the plenary level of the governmental representatives to the IPCC.
11. "Task Force" means an open-ended subsidiary body constituted by the Panel with a clearly defined and approved mandate and work plan as established by the Panel.
12. "Task Force Bureau" refers to the elected members of the Bureau of a Task Force.
13. "Term of the IPCC Bureau" means the fixed period of time during which Bureau members serve in their appropriate capacities. This term will be decided by the Panel as described in Rule 8.
14. "Votes" and "Votes for and against" means affirmative and negative votes only and shall not include abstentions or blank or invalid voting slips.

III. Representation and Credentials

Rule 3

Each Member of the IPCC participating in a Session of the Panel shall be represented by a delegation consisting of a principal delegate and such other delegates as it may require.

Rule 4

The credentials of delegates shall be submitted to the Secretariat prior to a Session at which elections will take place. Any later change in the composition of the delegation shall also be submitted to the Secretariat. The credentials shall be signed by, or on behalf of, an appropriate government authority of the Member of the IPCC and shall be regarded as appropriate credentials for the participation of the individuals named therein in all activity of the Session.

Rule 5

The Panel will establish a Credentials Committee immediately after the completion of the opening formalities and for the duration of the Session in which elections are being held. A representative of the Secretariat at the Session shall attend the Credentials Committee with a consultative status. This Committee shall examine the credentials of delegates, which are to be submitted to it by the Secretariat. of delegates. It shall report thereon as soon as possible to the Panel, starting with the first meeting after the opening. Final decisions regarding credentials shall rest with the Panel.

Rule 6

Delegates shall be entitled to participate provisionally in a Session, pending a decision by the Panel to accept their credentials. Delegates admitted on a provisional basis are not entitled to vote.

IV. Composition

Rule 7

The size, structure and composition of the IPCC Bureau and any Task Force Bureau will be reviewed and amended, as necessary, by the Panel at least one IPCC Session prior to the Session, at which the IPCC Bureau or any Task Force Bureau are elected. The overall composition of the IPCC Bureau, the IPCC Working Group Bureaux and the Bureaux of any Task Forces of the IPCC shall reflect balanced geographic representation with due consideration for scientific and technical requirements, as provided for in paragraph 5 of the IPCC Principles. The IPCC Bureau and Task Force Bureau are described in Annex B, Sections I and II, respectively, of these Rules of Procedure. Annex B will be amended in line with decisions taken by the Panel.

V. Terms of Appointment

Rule 8

The IPCC Bureau shall be elected for the Term of the IPCC Bureau. The Term of the Bureau shall be sufficient for the preparation of an Assessment Report and shall extend approximately one year after the Session at which the Assessment Report has been accepted and shall end at the Session at which the succeeding IPCC Bureau is elected. The Term of the IPCC Bureau shall be defined at least one Session prior to the one at which the IPCC Bureau is elected. The Term of any Task Force Bureau shall normally be the same as the Term of the IPCC Bureau, and elections for any Task Force Bureau shall take place at the same Session at which the IPCC Bureau is elected, unless decided otherwise by the Panel.

Rule 9

The term of office of each Bureau or Task Force Bureau member shall normally be equal to the Term of the IPCC Bureau or the Term of any Task Force Bureau to which the member has been elected, and shall start at the end of the Session at which he/she is elected and shall end at the close of the Session at which their successors are elected.

Rule 10

Members of the IPCC Bureau and of any Task Force Bureau shall be eligible for re-election for a second consecutive term in the same office. Only those members that have served in an office under the provisions of Rules 11 and 12 for less than 2 years, shall be eligible for re-election for further two consecutive terms in the same office.

Rule 11

If the IPCC Chair resigns or is otherwise unable to complete the assigned term of office or to perform the functions of that office, a new IPCC Chair shall be elected at the next IPCC Session to serve the remainder of the term of office of the departing IPCC Chair. Until a new IPCC Chair is elected an IPCC Vice-Chair, as agreed by the IPCC Bureau, shall serve as the Acting IPCC Chair

Rule 12

If a member of the IPCC Bureau or any Task Force Bureau, other than the IPCC Chair, resigns or is otherwise unable to complete the assigned term of office or to perform the functions of that office, a representative of the same Member of the IPCC, with relevant expertise, is to be nominated by that Member of the IPCC. This person shall replace the Bureau member as acting member until the next Session of the Panel. An acting member is to be elected by the Plenary by simple majority as member of the Bureau for the remainder of the Term of the Bureau. If the relevant Member of the IPCC is unable to or fails to nominate a replacement within six months of notification by the IPCC Secretariat, or if an acting member is not elected by the Panel a new member from the same Region shall be elected by simple majority at the next IPCC session to serve the remainder of the term of office of the departing member. Rule 18 shall apply.

VI. Elections – general principles

Rule 13

Elections for all positions shall be held at a single Session of the Panel. If the person chairing the meeting is a candidate for a position for which elections are to be conducted, he/she shall recuse himself/herself from chairing that portion of the meeting during which the election is considered and conducted, in which case the IPCC Bureau will select a temporary Chair, who will be the Presiding Officer for the election.

Rule 14

The IPCC Chair and other IPCC Bureau members will be elected by the Panel in the following order:

- a) the IPCC Chair;
- b) the Co-Chairs of the Working Groups and of any Task Force Bureau ;
- c) the IPCC Vice-Chairs;
- d) remaining IPCC Bureau positions.

Rule 15

Election of any Task Force Bureau shall normally be undertaken at the same Session as elections for the IPCC Bureau unless the Panel has decided otherwise. Task Force Bureau members shall be elected after all members of the IPCC Bureau are elected.

Rule 16

All elections shall be held by secret ballot, unless otherwise decided by the Session. Candidates may be declared elected without a ballot if the Session so decides.

Rule 17

Each delegation of a Member of the IPCC represented in the Panel Session shall have one vote. The Principal Delegate of a Member of the IPCC shall have the right to vote or to designate any other member of the same delegation to vote on his/her behalf.

VII. Nominations

Rule 18

All nominees for election to the IPCC Bureau or any Task Force Bureau shall have relevant scientific, technological or socio-economic expertise. Curriculum vitae of all nominees shall be submitted to the Secretariat and made available to Members of the IPCC before the elections.

Rule 19

(a) The Secretary of the IPCC shall invite Members of the IPCC to submit to the IPCC Secretariat written nominations and accompanying curriculum vitae of nominees for the IPCC Chair six months or more before the scheduled election of the IPCC Chair, unless Rule 11 applies.

(b) The Secretary of the IPCC shall invite Members of the IPCC to submit to the IPCC Secretariat written proposals and accompanying curriculum vitae of nominees for relevant IPCC Bureau (other than the IPCC Chair) or any Task Force Bureau positions six months or more before the scheduled election of the IPCC Bureau (other than the IPCC Chair) or a Task Force Bureau.

(c) Members of the IPCC wishing to make a nomination shall submit in writing to the IPCC Secretariat between the date of the invitation from the Secretary of the IPCC up until one month before a scheduled election, the names of the nominees that it is nominating or proposing pursuant to paragraphs (a) or (b), above. The IPCC Secretariat shall make a reasonable effort to post the names of persons so nominated or proposed, as well as the identity of the Members making the nomination or proposal, on the IPCC's web site in a time frame that will facilitate consideration of such persons by Members of the IPCC.

(d) Members of the IPCC may also nominate a person for the IPCC Chair, the IPCC Bureau or the Task Force Bureau by making oral representations to the Panel at the IPCC Session at which an election is to be held. Individuals so nominated must provide a curriculum vitae for distribution to the Panel at the time of nomination

[Rule 20

Nominations for the position of the IPCC Chair, the IPCC Bureau and any Task Force Bureau are to be made by the government of a Member of the IPCC.]

Rule 21

If the Panel decides at a Session when an election is being held to establish a Nominations Committee for the duration of the Session, each Region shall nominate two representatives to serve on the Committee. The Committee members shall choose a developed and developing country co-chair from among their members. The Nomination Committee shall prepare and submit to the Session a list of Nominees for each office for which an election is to be held. Any nominee that has the support of a member shall be included on the list of

nominees. A representative of the Secretariat may be invited to attend the Nominations Committee with consultative status.

Rule 22

Prior to each election for a position, or group of positions, a list of the candidates to be voted upon, shall be compiled by the Presiding Officer of the meeting. The list will comprise the nominations contained in the list of the Nominations Committee, if it was established. If not the list will comprise nominations received by the IPCC Secretariat from IPCC Members. The list shall include only the names of those persons who have stated that they are willing to be included among the candidates for election.

Rule 23

Other nominees may be added to the list following any oral representations to the Panel made by any IPCC Member at the Session while the list of nominations remains open. The list of nominations shall remain open until the Presiding Officer formally announces that the election procedure has started.

Rule 24

Where there is consensus support from a Region for the nominees proposed by that Region for Bureau positions, those nominees may be elected without ballots. If a regional consensus cannot be obtained, elections for these positions shall be held.

VIII. Elections – voting procedures

Rule 25

In all voting by secret ballot, two tellers selected from among the Delegates present shall be appointed by the Presiding Officer to count the votes. Before voting begins, the presiding officer of the meeting shall hand to the two tellers the list of Members of the IPCC present at the Session and the list of candidates, prepared in accordance with the provisions of Rule 22.

Rule 26

The Secretariat shall distribute a voting slip to each delegation. Each voting slip shall be of the same size and colour without distinguishing marks.

Rule 27

The tellers shall satisfy themselves and the delegations that the ballot box is empty and lock it.

Rule 28

Members of the IPCC shall be called in turn to vote in alphabetical order. At the conclusion of the calling of the Members of the IPCC, the presiding officer of the meeting shall ensure that all the Members of the IPCC present have been called.

Rule 29

After the ballot box has been opened the tellers shall immediately count the voting slips in the presence of the meeting. The voting slips shall be destroyed after the announcement of the results by the presiding officer and its acceptance by the meeting.

Rule 30

A voting slip shall be invalid if it contains more names than the number of positions to be filled, or if it includes the name of any other person not appearing in the list of candidates as established by the Session in accordance with the provisions Rule 22.

Rule 31

After completion of the elections, the number of votes for each candidate and the number of abstentions shall be recorded in the report of the Session.

Rule 32

Candidates shall be elected by a simple majority of the votes cast. The simple majority shall be the next integer immediately above the half of the voting slips received, excluding abstentions and blank or invalid voting slips.

Rule 33

The candidate who obtains a simple majority as described in Rule 32 shall be declared elected. If, in the first ballot, no candidate obtains a simple majority, a second ballot, which shall be restricted to the two candidates who obtained the highest numbers of votes in the first ballot, shall be held. However, if any other candidate has obtained the same number of votes in the first ballot as the second candidate, he/she shall also be included in the second ballot.

Rule 34

If the number of candidates securing a simple majority exceeds the number of positions to be filled, those candidates who obtained the highest number of votes (to the extent of the number of positions to be filled) shall be declared elected.

Rule 35

If the number of candidates who obtained a simple majority during the first ballot is less than the number of positions to be elected, those who obtained the simple majority shall be declared elected and a further ballot shall be held to fill the remaining positions.

Rule 36

In the subsequent ballot, the list of candidates shall comprise those not previously elected who secured the highest number of votes in the previous ballot, but the number of candidates in the list shall not be greater than twice the number of positions to be filled. However, if in the previous ballot, any candidate has obtained the same number of votes as the last candidate in the list, he/she shall also be included in the list. The procedures applicable to the results of the first ballot shall be applied to those of the second ballot.

Rule 37

Similar ballots shall be held as necessary until all positions on the IPCC Bureau and any Task Force Bureau have been filled.

Rule 38

Whenever more than one ballot is necessary in the elections described in Rules 32,33, and 34 and where any of the ballots results in the attainment of a number of positions for a Region which is equal to the maximum under the provisions of the regional balance determined by the Panel, the names of all the remaining candidates from that Region shall be deleted from the list of candidates for the next ballot.

Rule 39

If, in a ballot, a decision is not reached between two or more candidates because they have obtained the same number of votes, another ballot shall be held and, if no decision is reached in this new ballot, the decision between those candidates shall be made by drawing lots.

IX. Amendments and suspension

Rule 40

These Rules of Procedures or Annexes may be amended only by the Panel.

Rule 41

Any amendments proposed to these Rules of Procedures submitted by Members of the IPCC or by the IPCC Bureau should be communicated to all Members of the IPCC at least eight weeks before they are submitted to the IPCC Session.

IPCC MEMBERS GROUPED ACCORDING TO WMO REGIONS

- Region I - Africa
- Region II - Asia
- Region III - South America
- Region IV - North America, Central America and the Caribbean
- Region V - South-West Pacific
- Region VI - Europe

Members in a Region shall be deemed to be those having their seat of government (capital) within the Region.

AFRICA (Region I)
(53 Members)

- | | |
|----------------------------------|-----------------------------|
| Algeria | Libyan Arab Jamahiriya |
| Angola | Madagascar |
| Benin | Malawi |
| Botswana | Mali |
| Burkina Faso | Mauritania |
| Burundi | Mauritius |
| Cameroon | Morocco |
| Cape Verde | Mozambique |
| Central African Republic | Namibia |
| Chad | Niger |
| Comoros | Nigeria |
| Congo | Rwanda |
| Côte d'Ivoire | Sao Tome and Principe |
| Democratic Republic of the Congo | Senegal |
| Djibouti | Seychelles |
| Egypt | Sierra Leone |
| Equatorial Guinea | Somalia |
| Eritrea | South Africa |
| Ethiopia | Sudan |
| Gabon | Swaziland |
| Gambia | Togo |
| Ghana | Tunisia |
| Guinea | Uganda |
| Guinea Bissau | United Republic of Tanzania |
| Kenya | Zambia |
| Lesotho | Zimbabwe |
| Liberia | |

ASIA (Region II)

(32 Members)

Afghanistan	Mongolia
Bahrain	Myanmar
Bangladesh	Nepal
Bhutan	Oman
Cambodia	Pakistan
China	Qatar
Democratic People's Republic of Korea	Republic of Korea
India	Saudi Arabia
Iran, Islamic Republic of	Sri Lanka
Iraq	Tajikistan
Japan	Thailand
Kazakstan	Turkmenistan
Kuwait	United Arab Emirates
Kyrgyzstan	Uzbekistan
Lao People's Democratic Republic	Vietnam
Maldives	Yemen

SOUTH AMERICA (Region III)

(12 Members)

Argentina	Guyana
Bolivia	Paraguay
Brazil	Peru
Chile	Suriname
Colombia	Uruguay
Ecuador	Venezuela

NORTH AMERICA, CENTRAL AMERICA AND THE CARIBBEAN (Region IV)

(23 Members)

Antigua and Barbuda	Haiti
Bahamas	Honduras
Barbados	Jamaica
Belize	Mexico
Canada	Nicaragua
Costa Rica	Panama
Cuba	Saint Kitts and Nevis
Dominica	Saint Lucia
Dominican Republic	Saint Vincent and the Grenadines
El Salvador	Trinidad and Tobago
Grenada	United States of America
Guatemala	

SOUTH-WEST PACIFIC (Region V)

(22 Members)

Australia	Niue
Brunei Darussalam	Palau
Cook Islands	Papua New Guinea
Fiji	Philippines
Indonesia	Singapore
Kiribati	Samoa
Malaysia	Solomon Islands
Marshall Islands	Timor-Leste
Micronesia, Federated States of	Tonga
Nauru	Tuvalu
New Zealand	Vanuatu

EUROPE (Region VI)

(51 Members)

Albania	Lebanon
Andorra	Liechtenstein
Armenia	Lithuania
Austria	Luxembourg
Azerbaijan	The former Yugoslav Republic of Macedonia
Belarus	Malta
Belgium	Monaco
Bosnia and Herzegovina	Netherlands
Bulgaria	Norway
Croatia	Poland
Cyprus	Portugal
Czech Republic	Republic of Moldova
Denmark	Romania
Estonia	Russian Federation
Finland	San Marino
France	Serbia and Montenegro
Georgia	Slovakia
Germany	Slovenia
Greece	Spain
Hungary	Sweden
Iceland	Switzerland
Ireland	Syrian Arab Republic
Israel	Turkey
Italy	Ukraine
Jordan	United Kingdom of Great Britain & Northern Ireland
Latvia	

Composition of the IPCC Bureau and Task Force Bureau (as agreed April 2002)

This annex will be amended in line with relevant decisions of the Panel.

I. IPCC Bureau

The IPCC Bureau is composed of 30 members.

It consists of:

1. the IPCC-Chair,
2. three Vice-Chairs with specific responsibilities,
3. two Co-chairs of the Task Force Bureau on National Greenhouse Gas Inventories,
4. three Working Group Bureaux, each with two Working Group Co-chairs and six Working Group Vice-chairs.

The current regional balance of the IPCC Bureau is as follows:

- Region I: 5
- Region II: 5
- Region III: 4
- Region IV: 4
- Region V: 3
- Region VI: 8

The IPCC Chair does not represent a region.

II. Task Force Bureau

The Task Force Bureau on National Greenhouse Gas Inventories is composed of 2 Co-chairs and 12 members, 2 each of which should be drawn from each WMO Region.

DECISION ON NEW EMISSION SCENARIOS

Following the recommendations from the “Workshop on New Emissions Scenarios” held in Laxenburg, Austria, during June 29 to July 1, 2005 where the general consensus of the workshop was

- that there is a strong need for scientifically sound and widely supported new emission scenarios for research, policy analysis and for helping to produce assessments of climate change; as far as IPCC is concerned it would be important to have new emission scenarios for use after the AR4, particularly for use during a possible AR5;
- that it is important for emission scenarios to span a wide range of socio-economic and emissions outcomes and have the underpinning socio-economic drivers, which would make them suitable for impacts, vulnerability, adaptation and mitigation assessment;
- to have the IPCC facilitate or coordinate the development of new emission scenarios by the scientific community rather than the IPCC developing new scenarios itself, as was carried out in the past;

and with a view to defining further work and elaboration of future steps the Panel decided:

1. There is a need for new emissions scenarios, to be produced by the scientific community, with facilitation or coordination by the IPCC, to be available well before the completion of a possible AR5.
2. A Task Group (with a lifetime up to IPCC-25) be set up for the purpose of further defining:
 - 2.1 The kind of facilitation or coordination that needs to be undertaken by IPCC with the scientific community for development of scenarios.
 - 2.2 The deliverables of the emission scenarios development process, drawing on the user needs and scenario characteristics as outlined in the Laxenburg Workshop Report in Table I, IPCC-XXIV/INF. 1.
 - 2.3 The process and timeline that should be followed for the development and use of the new emission scenarios.
 - 2.4 The organizational arrangements and a timetable for IPCC’s own activities related to facilitation or coordination, assessment and use of scenarios in a possible AR5.
 - 2.5 To consider the possibility of encouraging, but not itself facilitating, a wider family of non-climate scenarios within which emissions scenarios might sit. This could be achieved by having members of the Task Group and participants of its workshop include those experts, for example, in other international organisations such as World Bank and the FAO, who are concerned with characterisation of world futures in a wider context than the IPCC.

The Task Group, the membership of which will be finalized by the Chair in consultation with the Co-chairs, will be chaired by the WGIII Co-chairs, and technical support would be provided by the WGIII TSU and the IPCC Secretariat. The composition of the Task Group would aim to cover a range of views, expertise and geographical representation while limiting the number of members of the Task Group to 15 including the Co-chairs. It would be composed of experts in climate modelling, impacts and adaptation assessments, emission mitigation scenarios and modelling, development of broader socio-economic scenarios, and the Co-chairs of the three IPCC Working Groups (or their designates), as well as persons from the policy community. The Task Group would prepare proposals, which will be discussed at an expert meeting. Based on the results of the expert meeting, the Task Group would formulate a plan of work and present this to IPCC-25 for decision-making. The Task Group would have a limited lifetime and would complete its task at the end of IPCC-25.