

# ipcc

INTERGOVERNMENTAL PANEL ON climate change

**THIRTY-FIRST SESSION OF THE IPCC**  
**Bali, 26-29 October 2009**

IPCC-XXXI/INF. 2  
(12.X.2009)  
Agenda Item: 10.7  
ENGLISH ONLY

## **PROGRESS REPORT**

### **Outreach and Visual Identity**

### **Proposals for report covers and layout and outreach calendar**

(Submitted by the IPCC Secretariat)

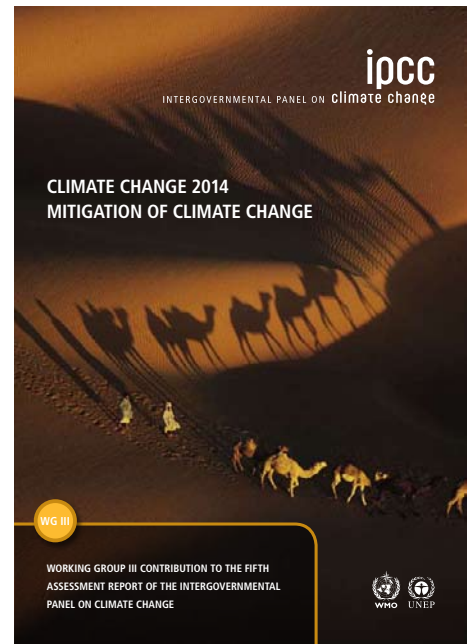
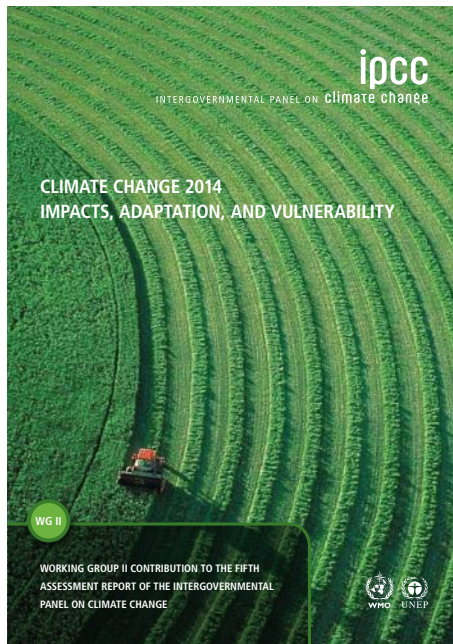
#### **IPCC Secretariat**

c/o WMO • 7bis, Avenue de la Paix • C.P. 2300 • 1211 Geneva 2 • Switzerland  
telephone : +41 (0) 22 730 8208 / 54 / 84 • fax : +41 (0) 22 730 8025 / 13 • email : IPCC-Sec@wmo.int • [www.ipcc.ch](http://www.ipcc.ch)

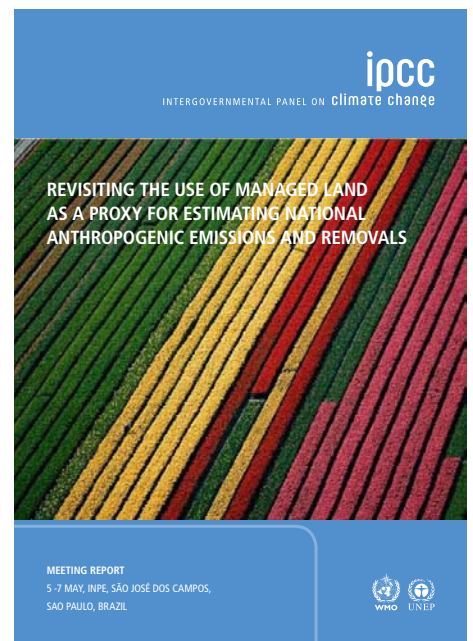


# IPCC Covers

## Covers for WGI, WGII and WGIII



## Covers for Major publications (similar as WG covers), technical papers and meeting reports



# 1 Introduction

Titles: levels 1, 2, 3 and 4 (examples)

The IPCC Guidelines on National Greenhouse Gas Inventories are used by parties to the United Nations Framework Convention on Climate Change (UNFCCC) to report their emissions and removals as required by the convention. The Revised 1996 Guidelines (IPCC 1997) and the subsequent Good Practice Guidance (IPCC 2000; IPCC 2003), are currently adopted by the UNFCCC for reporting. The IPCC has recently updated this guidance in the 2006 Guidelines (IPCC 2006) and these are currently being considered by the UNFCCC.

The UNFCCC requires the estimation and reporting of anthropogenic emissions and removals of greenhouse gases not covered by the Montreal Protocol. Generally the definition of anthropogenic emissions is clear. However, for land use activities (LULUCF and/or AFOLU) it is not clear how to do this. Therefore the authors of the IPCC Guidelines used emissions and removals from "managed land" as a proxy for anthropogenic emissions and removals (implicitly in the Revised 1996 Guidelines and explicitly in later documents). However, the use of managed land as a proxy for anthropogenic emissions is increasingly being discussed, especially with the increasing understanding of the causal drivers of changes in carbon stocks in the various land use carbon pools.

This report summarizes the discussions and outcome of an expert meeting that took place in 5-7 May 2009 in Sao Paulo, Brazil. This meeting assessed the use of managed land as a proxy for anthropogenic effects in different contexts and considered methods being developed to apportion greenhouse gas emissions and removals to specific drivers.

The meeting in Brazil started with invited papers reviewing some of the background and current scientific causal understanding of these effects

and practical approaches to estimating them (See Annex 1). The issues were discussed in smaller groups. The outline of the document was agreed by these groups and then completed by the core writing team and finally reviewed by all the participants.

This report first describes the current managed land proxy and it's rational. It then reviews the use of this proxy, both globally and by sector and then briefly considers some potential alternatives. Finally conclusions are drawn.

## 1.1 Previous Discussions in the IPCC

The IPCC has previously considered this issue in two earlier meetings. COP Decision 11/CP.7 requested the IPCC, amongst other things, to consider how to separate ("factor out") direct human induced effects from indirect effects, including the residual uptake. The possible causes of indirect effects included: age class structure, CO2 and nitrogen fertilisation. Indirect effects have, more recently, been generalised to include natural or force majeure disturbances. The IPCC's first meeting in Geneva 2002, developed a workplan for a possible IPCC report to provide a framework for factoring out, but questioned feasibility of providing "...a definite methodology complete with facts and figures." The second meeting in Geneva in 2003 concluded that "The scientific community cannot currently provide a practicable methodology [to] factor out direct human-induced effects from indirect human induced and natural effects for any broad range of LULUCF activities and circumstances" (IPCC 2003).

## 1.1 Previous Discussions in the IPCC

1.1.1 (Condensed bold, 10 pts, dark blue)

1.1.1.1 (Condensed italic, 10 pts, dark blue)

1.1.1.1.1 (Condensed italic, 10 pts, 60% black)

# 2 Rationale and assumptions underlying the managed land proxy

Section 2 Rationale and assumptions underlying the managed land proxy

The distinction between anthropogenic and natural emissions is clear in most sectors apart from LULUCF / AFOLU. It is clear that estimating all carbon stock changes in LULUCF/AFOLU would capture management, all disturbances, indirect anthropogenic effects and natural processes, and the IPCC guidelines gives good details on how to estimate these stock changes. However, it is less clear if it is possible to apportion the total carbon stock change to individual drivers (e.g. possible biomass increases or decreases driven by differing management regimes, age distribution of forests, natural disturbances, CO2 and nitrogen fertilisation etc.).

Therefore the IPCC guidelines recommend using emissions and removals from managed land as a proxy for anthropogenic emissions and removals:

*"Anthropogenic emissions and removals means that greenhouse gas emissions and removals included in national inventories are a result of human activities. The distinction between natural and anthropogenic emissions and removals follows straightforwardly from the data used to quantify human activity. In the Agriculture, Forestry and Other Land Use (AFOLU) Sector, emissions and removals on managed land are taken as a proxy for anthropogenic emissions and removals, and interannual variations in natural background emissions and removals, though these can be significant, are assumed to average out over time."*  
2006 Guidelines Vol. 1 Ch. 1 Page 1.4 (4)

Managed land in this context is given a broad definition:

*"Managed land is land where human interventions and practices have been applied to perform production, ecological or social functions."*  
*Ibid.* Page 1.5 (4)

The rationale behind the managed land proxy is explained in volume 4 of the 2006 Guidelines:

*"The key rationale for this approach is that the preponderance of anthropogenic effects occurs on managed lands. By definition, all*

<sup>1</sup> This inventory compilers should report all emissions and removals that occur on managed land. The 2003 Good Practice guidance allows that "if methods are applied that do not capture removals by regrowth after natural disturbances, then it is not necessary to report the CO2 emissions associated with natural disturbance events." (page 3.49) but the 2006 Guidelines was more specific and does not assume the re-growth will balance the emissions from the disturbance:

*"Equivalence (synchrony) of CO2 emissions and removals: CO2 net emissions should be reported where the CO2 emissions and removals for the biomass pool are not equivalent in the inventory year for grassland biomass burning and burning of agriculture residues, the assumption of equivalence is generally reasonable. However, woody vegetation may also burn in these land categories, and greenhouse gas emissions from those sources should be reported using a higher tier method. Further, in many parts of the world, grazing is the predominant land use in Forest Land that are regularly burnt (e.g. grazed woodlands and savannas), and care must be taken before assuming synchrony in such systems for Forest Land; synchrony is unlikely if significant woody biomass is killed (i.e., losses represent several years of growth and C accumulation), and the net emissions should be reported. Examples include: clearing of native forest and conversion to agriculture and/or pastures and wildfires in Forest Land." (page 2.41)*

Rationale and assumptions underlying the managed land proxy

*direct human-induced effects on greenhouse gas emissions and removals occur on managed lands only. While it is recognized that no area of the Earth's surface is entirely free of human influence (e.g., CO2 fertilization), many indirect human influences on greenhouse gases (e.g., increased N deposition, accidental fire) will be manifested predominately on managed lands, where human activities are concentrated. Finally, while local and short-term variability in emissions and removals due to natural causes can be substantial (e.g., emissions from fire, see footnote 1), the natural "background" of greenhouse gas emissions and removals by sinks tends to average out over time and space. This leaves the greenhouse gas emissions and removals from managed lands as the dominant result of human activity."*  
*Ibid.* Page 1.5 (4)

The key assumptions behind the managed land construct are:

- all direct human-induced effects on greenhouse gas emissions and removals occur on managed lands only
- indirect human influences are manifested predominantly on managed lands
- the substantial natural, short-term and local variability averages out over time.

This explanation clearly indicates that the inventories include both "direct", "indirect" and natural anthropogenic emissions and removals.

### 2.1 Direct and Indirect Anthropogenic Effects

Indirect anthropogenic effects are second order impacts of human activities on emissions by sources or removals by sinks. They include effects such as:

- Impacts of climate change induced changes in temperature, precipitation, and length of growing season.
- Climate change induced inter-annual and inter-decadal variability in such environmental factors.
- Changes in ambient CO2 concentrations ("CO2 fertilisation").
- Human induced increases in nitrogen availability (e.g. increased N deposition).
- Impact of local and regional air pollution (e.g. ozone, particulates).
- Changes in disturbance regimes (e.g. climate change can alter scale and frequency of fire, insects, windthrow, flooding etc.).

While management activities used in forestry and agriculture and their effect over long time scales (e.g., age structure and past practices, woody encroachment) are a direct effect some possible accounting for emissions and removals would also like to "factor-out" the impact of these activities prior to a pre-defined reference year (e.g. the Kyoto Protocol).

The methods in all the IPCC emission inventory guidance aim to estimate all the greenhouse gas emissions to, and removals from, the atmosphere

on the lands to which they are applied and so include both direct and indirect effects. The IPCC guidelines state that all emissions and removals from "managed lands" should be reported as "anthropogenic emissions". The UNFCCC asks for "A national inventory of anthropogenic emissions by sources and removals by sinks of all greenhouse gases not controlled by the Montreal Protocol" (Art 12, Para. 1) and makes no distinction between direct and indirect anthropogenic emissions.

The Kyoto Protocol does state that "The net changes in greenhouse gas emissions by sources and removals by sinks resulting from direct human-induced land-use change and forestry activities, limited to afforestation, reforestation and deforestation since 1990, measured as verifiable changes in carbon stocks in each commitment period, shall be used to meet the commitments under this Article of each Party included in Annex I." (Article 3 Para 3).

Subsequently, in the Marrakech Accords decision on Land Use, Land-Use Change and Forestry (LULUCF) the Conference of Parties to the UNFCCC invited the IPCC

*"To develop practicable methodologies to factor out direct human-induced changes in carbon stocks and greenhouse gas emissions by sources and removals by sinks from changes in carbon stocks and greenhouse gas emissions by sources and removals by sinks due to indirect human-induced and natural effects (such as those from carbon dioxide fertilization and nitrogen deposition), and effects due to past practices in forests (reference year), to be submitted to the Conference of the Parties at its tenth session;"*  
(UNFCCC 11/CP.7, para 3)

However, as noted above, the IPCC finally reported that:

*"The scientific community cannot currently provide a practicable methodology that would factor out direct human-induced effects from indirect human-induced and natural effects for any broad range of LULUCF activities and circumstances. Research efforts are addressing some particular effects, such as CO2 fertilization, over a range of spatial scales and are providing information relevant to the separability and attribution of different effects at specific sites where good historical information is available and intensive measurements are being carried out. Such efforts are expected to provide an increasing understanding of the feasibility and practicability of a broadly based approach to the issues of separability and attribution."*

(IPCC 2003)

**2.2 IPCC Guidelines Treatment of Time Series and Annual Estimates**

It was noted by some participants that following the IPCC Guidelines leads, in a few cases, to estimates of fluxes of greenhouse gases dominated by inter-annual changes, driven partly by natural causes (Korz Werner, A. 2008; Richards 2009). The IPCC guidelines give clear guidance on the treatment of annual emissions:

*"Inventory year and time series*  
*National inventories contain estimates for the calendar year during which the emissions to (or removals from) the atmosphere*

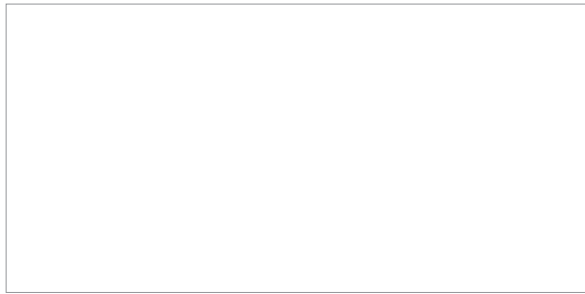


Figure 1.1: Caption for graphic

**Example of boxed text / boxed graphics**

Here the guidelines do allow some averaging of multi-year data. However this is in the context of empirical input data where a measurement in one year, if used for other years, may be subject to large errors due to this inter-annual variability and a value averaged over many years may be more reliable and subject to smaller errors. It is important to note that the guidelines do NOT allow for averaging of emission estimates in order to disguise large real inter-annual variability. This also has the effect that Tier 1 methods may not be able to estimate the total inter-annual variability which should be evident in higher tier methods.

*occur. Where suitable data to follow this principle are missing, emissions/removals may be estimated using data from other years applying appropriate methods such as averaging, interpolation and extrapolation. A sequence of annual greenhouse gas inventory estimates (e.g., each year from 1990 to 2000) is called a time series. Because of the importance of tracking emissions trends over time, countries should ensure that a time series of estimates is as consistent as possible."*

2006 GL, Vol. 1 Ch. 1 Page 1.4 (H)

And

*"Multi-year averaging: Countries should report annual inventory estimates that are based on best estimates for actual emissions and removals in that year. Generally, single year estimates provide the best approximation of real emissions/removals and a time series of single year estimates prepared according to good practice can be considered consistent. Countries should, where possible, avoid*

*using multi-year averaging of data that would result in over- or under-estimates of emissions over time, increased uncertainty, or reduced transparency, comparability or time-series consistency of the estimates. However, in some specific cases that are described for specific sectors in Volume 2.5, multi-year averaging may be the best or even the only way to estimate data for a single year. In the case of high or uncertain annual variability – as in the growth of various tree species in a year – and where there is higher confidence in the average annual growth rate over a period of years then multi-year averaging can improve the quality of the overall estimate."*

2006 GL, Vol. 1 Ch. 2 Page 2.11 (H)

Here the guidelines do allow some averaging of multi-year data. However this is in the context of empirical input data where a measurement in one year, if used for other years, may be subject to large errors due to this inter-annual variability and a value averaged over many years may be more reliable and subject to smaller errors. It is important to note that the guidelines do NOT allow for averaging of emission estimates in order to disguise large real inter-annual variability. This also has the effect that Tier 1 methods may not be able to estimate the total inter-annual variability which should be evident in higher tier methods.


Consideration of inter-annual variability is complicated by:

- Need for historical activity and climate data, which can be difficult to obtain.
- Impacts of past land management practices, which occur when prior conditions affect the impact of current management practices, such as the long-term effect of past practices on soil organic matter and nitrogen contents, forest age-class structure and soil organic matter decay.

The meeting noted that the aim of emission inventories is to provide a best estimate of the emissions and removals in a given year and the thus do not try to remove or reduce the impact of inter-annual variations on anthropogenic emissions (e.g. those caused by climate effects on forestry, agriculture or energy production). The meeting further noted that subsequent accounting (such as that of the UNFCCC) can average out this variability in a transparent manner if desired.

OUTREACH CALENDAR

ANNEX II


Date and place	Organisation	Subject and activity	Audience	Contact	Sponsor	IPCC Participation - speakers	Secretariat comments	Bureau comments	TSUs comments
12 - 14 jan 2009 Palo Alto, California, USA	Asia-Pacific Center for Security Studies (APCSS)	 Conference on the Pacific Rim Security - Managing the Global Commons	Senior Gvt. and non-gvt. civilian and military leaders, security experts from the region	Captain Brad Smith, ...		Pachauri invited as keynote speaker on 14 Jan.	<a href="#">Dr Pachauri cancelled (csaibante)</a>		
15 - 16 jan 2009 New York, USA	Asia Society	 Tibetan Plateau Conference	Orville Schell		Asia Society	Dr Pachauri	<a href="#">OK/SS (csaibante)</a>		
19 - 23 jan 2009	GLobal Energy and Water Cycle Experiment (GEWEX)	 21st Session of the Scientific Steering Group (SSG-21)				Gilles Sommeria	<a href="#">OK (csaibante)</a>		
05 - 07 feb 2009 New Delhi, India	TERI	 9th Annual Delhi Sustainable Development Summit (DSDS)		dsds@teri.res.in		Renate Christ	<a href="#">OK (csaibante)</a>		
11 - 13 feb 2009 Geneva, Switzerland	European Commission	 EC Working Group on Climate, Weather and Environmental Matters				Gilles Sommeria	<a href="#">OK (csaibante)</a>		
13-Feb-09 Athens, Greece	AlphaQ and Boussains Communications	 Green Marketing International Conference		Ron Banks		Contacts were given of Jochen Harnishc and Michael Grubb (both WG 3 authors), SS	<a href="#">Contacts of Jochen Harnishc and Michael Grubb (both WG 3 authors), SS (csaibante)</a>		
16 - 20 feb 2009 Nairobi, Kenya	UNEP	 25th Governing Council	UNEP negotiators			Renate Christ and Carola Saibante	<a href="#">OK / SS (sschlingemann)</a>		
17-Feb-09 Geneva, Switzerland	Permanent Mission of Canada to the UN	 Roundtable on CC Induced Population Movements		Johanne Forest, Joha...		Gilles Sommeria	<a href="#">OK / SS (sschlingemann)</a>		
18-Feb-09 Geneva, Switzerland	Council for Multilateral Business Administration	 Discussion on Access to water Resources in the context of Fifth World Water Forum	Diplomats from Geneva	Katharine Hagen, kha...		Wolfgang Grabs (WMO with IPCC input)	<a href="#">OK/SS (csaibante)</a>		

Date and place	Organisation	Subject and activity	Audience	Contact	Sponsor	IPCC Participation - speakers	Secretariat comments	Bureau comments	TSUs comments
20 - 21 feb 2009 Rome, Italy	Aspen for the G-8	<del>X</del> Conference on Sustainable Capitalism: finance, commodities and the common good		novella.cavallari@as...		Dr Pachauri invited	<a href="#">Carlo Carraro and Marco Mazzotti both accepted, but invitations are personal and no substitute for Dr. Pachauri could be accepted by the organizers/ SS (csaibante)</a>		
02 - 06 mar 2009 Geneva, Switzerland	UNEP-UNITAR	<del>X</del> Project on capacity building for climate change	UNEP and UNITAR experts	johara.bellali@unep....	Belgian Gvt.	Tom Downing (WG II expert) and Gilles Sommeria	<a href="#">OK/SS (csaibante)</a>		
06-Mar-09 Lausanne, Switzerland	International Olympic Committee	<del>X</del> 2009 Olympic Congress Editorial Committee	Nine members of the Olympic Congress Editorial Committee	Patrice Cholley, pat...		Gilles Sommeria	<a href="#">OK/SS (csaibante)</a>		
07 - 08 mar 2009 Monrovia, Liberia	President of Liberia and President of Finland	<del>X</del> International Colloquium on Women's Empowerment, Leadership Development, International Peace and Security		Aira Kalela, Aira Ka...		Pachauri invited	<a href="#">OK/SS (csaibante)</a>		
08 - 11 mar 2009	Sultan Qaboos University + Oman Ministry of Environment	<del>X</del> Indian Ocean Tropical Cyclones and Climate Change				Rolph Payet (LA-WG II)	<a href="#">OK/SS (csaibante)</a>		
09-Mar-09 Paris, France	Council of Europe	<del>X</del> Meeting of the Committee on the Environment, Agriculture and Local and Regional Affairs	Parliamentarians of the Council of Europe, Strasbourg	Dana Karnajac, dana....		Gilles Sommeria	<a href="#">OK/SS (csaibante)</a>		
10 - 12 mar 2009 Havana, Cuba	UNFCCC	<del>X</del> Technical workshop on integrating practices, tools and systems for climate risk assessment	UNFCCC negotiators	Roberto Acosta, raco...		Vicente Barros	<a href="#">OK / SS (csaibante)</a>		

Date and place	Organisation	Subject and activity	Audience	Contact	Sponsor	IPCC Participation - speakers	Secretariat comments	Bureau comments	TSUs comments
10 - 12 mar 2009 Copenhagen, Denmark	University of Copenhagen	<del>X</del> International Scientific Conference on Climate Change	Scientists from all over the world	Ralf Hemmingsen, rek...		Patchy accepted to be their keynote speaker	<a href="#">Many IPCC expert, Dr Pachauri, Balgis Osman, Nakicenovic, Rahmstorf, Agus Sari, Hope, Coleen Vogel, D. Urge-Vorsatz, Joyeeta Gupta, J. Olesen / OK /SS (csaibante)</a>		
16 - 20 mar 2009 Rome, Italy	FAO	<del>X</del> 19th Session of the Committee on Forestry and World Forest Week	FAO negotiators	COFO2009@fao.org		Nalin Srivastava (TSU-NGGIP)	<a href="#">OK / Nalin Srivastava will speak am and pm sessions of 18 March, 100 copies of SYR and 30 copies of SPM's 3 WG's were sent to FAO /SS (csaibante)</a>		
16 - 22 mar 2009 Istanbul, Turkey	World Water Council	<del>X</del> 5th World Water Forum	Water and climate change experts	Stephane Simonet, s....		Zekai Sen (LA-WG II)	<a href="#">OK / CDs of Technical Paper VI on CC and Water were sent to Forum/ SS</a>		
25 - 27 mar 2009 Nairobi, Kenya	Kenya Medical Research Institute (KEMRI)	<del>X</del> 3rd East african Health and Scientific Conference with theme: Climate Change, Environment and Health	Scientific officers from East Africa and other parts of the world	Gerald Mkoji, GMkoji...		Andrew Githeko (WG II)	<a href="#">OK / SS (csaibante)</a>		
30-Mar-09 Bonn, Germany	UNFCCC	<del>X</del> AWG-KP Workshop	UNFCCC negotiators	Rocio Lichte, rlicht...		No IPCC speaker found after many attempts!	<a href="#">Asked Co-Chairs WG III, Dennis Tirpak, Sujata Gupta, Joyeeta Gupta, Michael Grubb, Pershing, Catrinus Jepma, Bill Hare,</a>		
30 mar - 03 apr 2009 Nairobi, Kenya	UN-Habitat	<del>X</del> 22nd GC - special theme		Karin Buhren, Karin....	UNHabitat	Andrew Githeko (WG II)	<a href="#">OK / SS (csaibante)</a>		
31 mar - 02 apr 2009 Geneva, Switzerland	UNECE	<del>X</del> Commission Session on Climate Change		Marco Keiner, marco....		Pachauri invited	<a href="#">Pachauri not available, no feedback from organizers (csaibante)</a>		
31-Mar-09 Bonn, Germany	UNFCCC	<del>X</del> UNEP Side event to introduce "Climate in Peril" brochure	UNFCCC negotiators	Otto Simonett, Otto....		Bill Hare and Carola Saibante	<a href="#">OK / SS (csaibante)</a>		



Date and place	Organisation	Subject and activity	Audience	Contact	Sponsor	IPCC Participation - speakers	Secretariat comments	Bureau comments	TSUs comments
31 mar - 02 apr 2009 Geneva, Switzerland	UNEP	<del>X</del> 14th Poverty Environment Partnership (PEP) Meeting		Christophe Bouvier, ...		Ogunlade Davidson, Martin Parry, Saleem Huq (WG II), Jochen Harnisch (WG III)	<a href="#">OK / SS (csaibante)</a>		
02 - 03 apr 2009 Strasbourg, France	NATO	<del>X</del> NATO Summit, 60th Anniversary celebrations	High level representatives from NATO member countries	Antje Knorr, knorr.a...		Patchy requested to participate in Panel discussion on 3 April	<a href="#">Patchy cancelled, JPY was asked, he was not available, then Thomas Stocker and finally Jean Jouzel, unfortunately no one available / SS (csaibante)</a>		
04-Apr-09 Bonn, Germany	UNFCCC	<del>X</del> AWG-LCA Workshop	UNFCCC negotiators	Rocio Lichte, rlicht...		Invitation sent to Edenhofer, Pichs Madruga and Sokona (WG III Co-Chairs), Co-Chairs not available, Daniel Martino has been invited	<a href="#">OK - Daniel Martino will speak / SS (csaibante)</a>		
14 - 17 apr 2009 Geneva, Switzerland	UNOG Information Service	<del>X</del> Briefing on UN for members of UN Association London and South East Region, England	members UN Association	Alain Lorenz, gva-st...		Gilles Sommeria	<a href="#">OK / SS (csaibante)</a>		
21 - 22 apr 2009 Rome, Italy	Centre for International Political Studies of Rome in cooperation with Italian Ministry of Foreign Affairs	<del>X</del> Internation Conference on Climate Change and Human Mobility in Africa		Marta Piccarozzi, ma...		Balgis Osman-Elasha (WG II)	<a href="#">OK / SS (csaibante)</a>		
22 - 21 apr 2009 London, UK	Financial Times	<del>X</del> 2nd Annual Climate Change Investment Strategies Conference	Senior institutional investors, bankers, governments, regulators, consultants and lawyers	William Kelso, willi...		Jean-Pascal van Ypersele has been invited to speak	<a href="#">Conference has been postponed / SS (csaibante)</a>		
22-Apr-09 Detroit, USA	Detroit Zoo	<del>X</del> Earth Day	local people	Kevin Donley, kdonle...		Richard Alley recommended (LA-WG I)	<a href="#">OK/Organizers asked for IPCC expert from the region /SS (csaibante)</a>		









Date and place	Organisation	Subject and activity	Audience	Contact	Sponsor	IPCC Participation - speakers	Secretariat comments	Bureau comments	TSUs comments
22 - 24 apr 2009 Syracuse, Italy	G8	 Environment Ministers meeting		Maria Grazia Gori, m...		Offered organizers to find replacement speaker	<a href="#">Dr Pachauri cancelled because of P30 / SS (csaibante)</a>		
27 - 28 apr 2009 Doha, Qatar	Qatar Petroleum and Gvt. of Qatar	 Carbon World Conference 2009 - Doha	Key players in the carbon market	Low Li Ming , liming...		Ismail Elzigouli, Vice-Chair WG III, has agreed to attend and make presentation	<a href="#">Conference has been postponed / SS (csaibante)</a>		
27 - 29 apr 2009 Freiburg, Germany	City of Freiburg in cooperation with the International Council for Local Environmental Initiatives (ICLEI)	 2nd Local Renewables Freiburg Conference 2009	World-wide local authorities, energy experts and researchers, energy service providers and business partners	LR2009@iclei.org		Announcement was sent to Dr Pachauri	<a href="#">Announcement has been forwarded to TSU III (no speaker request), SS/4-2-09 (csaibante)</a>		
28 - 29 apr 2009 Pristina, Kosovo	Min. of Environment and Spatial Panning in cooperation with UNDP	 1st Climate Change Conference in Kosovo		Lisa Mattsson, Lisa ...		Lucka Kajfez-Bogataj	<a href="#">OK/SS (csaibante)</a>		
29-Apr-09 Frascati, Italy	ESA/ESRIN	 ESA Climate Science Advisory Body Meeting	Climate Scientists			Gilles Sommeria	<a href="#">OK / SS (sschlingemann)</a>		
04 - 08 may 2009 Tianjin, China	Intergovernmental Oceanographic Commission	 20th Session of IOC Committee on International Oceanographic Data and Information Exchange (IODE-XX)		Patricio Bernal, UNE...		Dahe Qin, Richard Moss and Juergen Willebrand (WG I) cancelled / SS	<a href="#">OK / SS (sschlingemann)</a>		
11 - 15 may 2009 Manado, Indonesia	Government of Indonesia	 World Ocean Conference 2009, theme: Climate Change Impacts to Oceans and the Role of Oceans to Climate Change		Permanent Mission of...		Patchy invited for high level segment	<a href="#">Dr Pachauri not available, nor Hoesung Lee, Jean-Pascal van Ypersele, Chris Field, waiting for reply from Poh Poh Wong (WG II) (sschlingemann)</a>		
12 - 14 may 2009 Kingston, Jamaica	Jamaica Institute of Environmental Professionals (JIEP)	 4th Biennial Conference on the Environment entitled		Marcia Creary, marci...		Leonard Nurse (WG II), Anthony Chen (WG I) and John Agard (WG II)	<a href="#">OK / SS (csaibante)</a>		

Date and place	Organisation	Subject and activity	Audience	Contact	Sponsor	IPCC Participation - speakers	Secretariat comments	Bureau comments	TSUs comments
13 - 14 may 2009 Tehran, Iran	UNESCO Chair for Human Rights, Peace and Democracy at Tehran's Shahid Beheshti University	<del>X</del> <a href="#">International Conference on Human Rights and Environment</a>	Important and well-known scholars and NGO-experts from various countries	Seyed M.M. Hosseini,...		Dr Pachauri has been invited	<a href="#">Patchy: are you going? (csaibante)</a>		
14 - 15 may 2009 Ulan Bator, Mongolia	Ministry of Nature, Environment and Tourism of Mongolia	<del>X</del> <a href="#">Preparatory meeting for Northeast Asia Summit on Climate Change</a>	Gvt representatives from Ministries of Environment to prepare Ministerial Summit	Luimed Gansukh, mone...		Punsalma Batima (WG II)	<a href="#">OK / SS (csaibante)</a>		
24 - 26 may 2009 Copenhagen, Denmark	Copenhagen Climate Council	<del>X</del> <a href="#">World Business Summit on Climate Change</a>	Key government officials, CEO's and opinion leaders	Laura Storm, lss@mm....		Dr Pachauri	<a href="#">OK / SS (sschlingemann)</a>		
26 - 29 may 2009 Niamey, Niger	Secretariat International francophone pour l'evaluation environnementale (SIFEE) and l'Institut de l'energie et de l'environnement de la francophonie (IEPF) in coop.	<del>X</del> <a href="#">14e Colloque International en Evaluation Environnementale</a>		Climate Change exper...		Youba Sokona has been invited	<a href="#">Youba, can you please confirm? (csaibante)</a>		
01 - 03 june 2009 Sao Paulo, Brazil	UNIC (Brazilian Sugarcane Industry Association)	<del>X</del> <a href="#">Ethanol Summit 2009</a>	Representatives from 116 member companies of UNICA	Carolina Lessa, anac...		Pachauri cancelled, offered to find another speaker / SS	<a href="#">Offered organizers to find another speaker, they never came back to us / SS (sschlingemann)</a>		
01 - 12 june 2009 Bonn, Germany	UNFCCC	<del>X</del> <a href="#">Climate Change Talks (combined meeting of SBSTA, SBI, AWG-LCA and AWG-KP)</a>	UNFCCC negotiators	Yvo de Boer, session...		Taka Hiraishi, Simon Eggleston, Jamsranjav Baasansuren, Kyoto Tanabe, Nalin Srivastava, Jean-Pascal van Ypersele, Thomas Stocker, Renate Christ	<a href="#">2 June - side event - General Findings of the AR4 and update on IPCC Workprogramme; 4 June - side event - 2006 IPCC Guidelines for National Greenhouse Gas Inventories (sschlingemann)</a>		
05-Jun-09 Geneva, Switzerland	UNEP	<del>X</del> <a href="#">World Environment Day</a>	representatives from International Organizations, NGO's and scientific community	Christophe Bouvier, ...		Renate Christ	<a href="#">OK / SS (csaibante)</a>		

Date and place	Organisation	Subject and activity	Audience	Contact	Sponsor	IPCC Participation - speakers	Secretariat comments	Bureau comments	TSUs comments
11 - 12 June 2009 New York City, USA	Environmental Finance Publications	<del>X</del> <a href="#">Carbon Finance North America 2009</a>	200-250 key players in US carbon finance industry	Shona Thomson, Shona...			<a href="#">Suggested to contact JP van Ypersele, Hoesung Lee, Chris Field or Ottmar Edenhofer / SS (csaibante)</a>		
14 - 18 June 2009 Edmonton, Canada	International Council for Local Environmental Initiatives (ICLEI)	<del>X</del> <a href="#">ICLEI World Congress 2009</a>	Mayors, councillors and other senior officials of local governments, as well as leading partners in science, business and NGO's	Emilie Doran, emilie...		Dr Pachauri cancelled	<a href="#">Five names of WG I authors of ch. 10 and 11 have been given / SS (csaibante)</a>		
15-Jun-09 London, UK	The Guardian	<del>X</del> <a href="#">Annual Climate Change Summit</a>	Leading thinkers and practioners from the climate change community	Caroline Holtum, Car...		Jean-Pascal van Ypersele and Hoesung Lee have been invited	<a href="#">Jean-Pascal's and Hoesung Lee's cancelled, contacts given of Ogun and Co-Chairs / SS (csaibante)</a>		
16 - 19 June 2009 Geneva, Switzerland	International Strategy for Disaster Reduction (ISDR)	<del>X</del> <a href="#">Second Session of the Global Platform for Disaster Reduction</a>	IDSR participants	Margaretha Wahlstrom...		Kris Ebi and Gilles Sommeria	<a href="#">OK / SS (sschlingemann)</a>		
18-Jun-09 Oslo, Norway	Rainforest Foundation Norway	<del>X</del> <a href="#">Conference on Rainforests and Climate Change: Making Sustainable Development Possible</a>		Haavard Ness, haavar...		At organizers request three names of WG II experts were given	<a href="#">OK / SS (csaibante)</a>		
18-Jun-09 New York, USA	UN General Assembly	<del>X</del> <a href="#">General Assembly Debate on Energy</a>		Diego Malpede, malpe...		Hoesung Lee	<a href="#">OK / SS (sschlingemann)</a>		
23 - 24 June 2009 Brussels, Belgium	Friends of Europe in cooperation with European Commission's DG Environment	<del>X</del> <a href="#">Summit on Climate Change</a>		Rudolf Douque, Proje...		Thelma Krug invited	<a href="#">OK / SS (sschlingemann)</a>		
24 - 26 June 2009 Cartagena, Colombia	National Association of Utilities - ANDESCO	<del>X</del> <a href="#">II International and XI National Congress of Utilities</a>	1500 Repres. from 103 companies of the energy, telecommunications, gas, water supply and solid wastes management from Colombia and Latin America	Monica Uribe, monica...	ANDESCO	Osvaldo Canziani has been invited to speak on 25 June 2009 on Adaptation to CC	<a href="#">OK / SS (sschlingemann)</a>		

Date and place	Organisation	Subject and activity	Audience	Contact	Sponsor	IPCC Participation - speakers	Secretariat comments	Bureau comments	TSUs comments
29-Jun-09 Paris, France	Institut de Formation de l'Environnement (IFORE), French Ministry of Ecology and Sustainable Development (MEEDDAT)	<del>X</del> Conference on "Geopolitique des Ressources Renouvelables"	Government representatives, Associations of employers and trade unions, NGO's	Camille Legros, Cami...		Gilles Sommeria	<a href="#">OK / SS (sschlingemann)</a>		
20 - 22 July 2009 Bangkok, Thailand	UN Economic and Social Commission for Asia and the Pacific (ESCAP)	<del>X</del> 3th Session of the Intergovernmental Consultative Committee on the Regional Space Applications Programme for Sustainable Development in	ESCAP experts and negotiators	Cihat Basocak, basoc...			<a href="#">Chris Field and Neville Smith unavailable, waiting for reply from Kansri Boonpragob (sschlingemann)</a>		
09 - 15 Aug 2009 Copenhagen, Denmark	Danish Folk Højskole Association in cooperation with Danish Ministry of Education and Ministry of Climate and Energy	<del>X</del> Climate Embassy Course for Youth Leaders	International group of youth leaders	Garba Diallo, garba@...		Dr Pachauri invited as keynote speaker on 13 August, but he's not available	<a href="#">Patchy's office, please propose to organizers if they want replacement (csaibante)</a>		
10 - 14 Aug 2009 Bonn, Germany	UNFCCC	<del>X</del> Informal intersessional consultations of AWG-LCA and AWG-KP	UNFCCC negotiators and observers	Yvo de Boer, session...		Taka Hiraishi and Simon Eggleston	<a href="#">OK / SS (sschlingemann)</a>		
11 - 12 Aug 2009 Incheon, Republic of Korea	City of Incheon in cooperation with Govt. of Republic of Korea and UNESCAP	<del>X</del> Global Environment Forum 2009		Seung Hee Kim, sk230...		Dr Pachauri has been invited	<a href="#">OK / SS (sschlingemann)</a>		
14 - 15 Aug 2009 Serdang, Malaysia	Malaysian Palm Oil Board (MPOB)	<del>X</del> MPOB International Conference on Palm Oil and the Environment		Kook Weng, chankw@mp...		Fredolin Tangang (Vice-Chair WG I) has been invited	<a href="#">OK / SS (sschlingemann)</a>		
16 - 22 Aug 2009 Stockholm, Sweden		<del>X</del> World Water Week 2009		renate.fleiner@unep....		Secretariat sent copies of the TP on Climate Change and Water	<a href="#">OK (csaibante)</a>		
31 Aug - 04 Sept 2009 Geneva, Switzerland	WMO	<del>X</del> WCC-3 Conference	WMO negotiators			Dr Pachauri keynote speaker	<a href="#">Dr Pachauri, Jean-Pascal van Ypersele, Thomas Stocker, Renate Christ, Gilles Sommeria a.o. / OK/SS (sschlingemann)</a>		

Date and place	Organisation	Subject and activity	Audience	Contact	Sponsor	IPCC Participation - speakers	Secretariat comments	Bureau comments	TSUs comments
16 - 19 sept 2009 Cartagena, Colombia	Environmental Fiscal Control Enhancement Program	<del>X</del> Regional Meeting on Cooperation Audit on Sociocultural and Environmental Issues for the Amazon Region	Stakeholders from the region	Jorge Arrieta Pearso...		Names of IPCC experts/authors were given	<a href="#">OK / SS (sschlingemann)</a>		
22-Sep-09 New York, USA	UN	<del>X</del> UNSG Summit on Climate Change	Heads of State and Governments during 64th Session of UNGA	Janos Pasztor, paszt...		Dr Pachauri	<a href="#">Dr Pachauri, Renate Christ, Brenda Abrar / OK / SS (sschlingemann)</a>		
23 - 25 sept 2009 New York, USA	Louise Blouin Foundation and UN Office for Partnerships	<del>X</del> Fourth Annual Global Creative Leadership Summit	120 leading experts and innovators from across many disciplines	Jasmine Plummer, jpl...		Renate Christ on Panel "National Targets, Global Challenge: Climate Change, Copenhagen and Beyond"	<a href="#">OK / SS (sschlingemann)</a>		
23 - 25 sept 2009 Geneva, Switzerland	UNECE	<del>X</del> Committee on Housing and Land Management Session and Seminar on Climate Neutral Cities	UNECE negotiators	Cecilia Batac, Cecil...		No speaker request	<a href="#">Gilles Sommeria might attend, invitation has been forwarded to TSU WG III and Diana Urge-Vorsatz / OK / SS (sschlingemann)</a>		
24-Sep-09 Athens, Greece	World Med Institute/CAT-MED (Change Mediterranean metropolis Around Time) project	<del>X</del> Public seminar - Meiterranean strategies to fight CC with urban sustainable development policies		Audrey Séon, a.seon@...		To present the IPCC work and to draw some conclusions about the climatic change impacts in the Mediterranean space, with focus on cities	<a href="#">who wants to go? (csaibante)</a>		
28 sept - 09 oct 2009 Bangkok, Thailand	UNFCCC	<del>X</del> AWG-LCA 7 and AWG-KP 9	UNFCCC negotiators	Yvo de Boer, session...		Gilles Sommeria (provisionally)	<a href="#">OK / SS (sschlingemann)</a>		
07-Oct-09 Santiago de Chile, Chile	Government of Chile	<del>X</del> Ambiental 2009 and VII Reunion para el Medio Ambiente de America Latina	Gvt. representatives from Latin America	Jean Benoit, isima.l...		Vicente Barros	<a href="#">OK / SS (csaibante)</a>		

Date and place	Organisation	Subject and activity	Audience	Contact	Sponsor	IPCC Participation - speakers	Secretariat comments	Bureau comments	TSUs comments
12 - 16 oct 2009 Daejon, Rep. of Korea	International Astronautical Congress (IAC)	 <a href="#">Carbon Monitoring from Space Plenary Event on October 14</a>	About 3,00 space program executives, government officials, journalists, educators and students	Brent Smith, Brent.S...		Dr Hoesung Lee has been invited	<a href="#">OK / SS (sschlingemann)</a>		
18 - 21 oct 2009 Athens, Greece	Capgemini Consulting Technology	 <a href="#">World Forum on Energy Regulators IV</a>	About 1,000 top-level energy stakeholders	Timo Karjalainen, ti...		Jean-Pascal van Ypersele or Jim Skea will be invited	<a href="#">OK / SS (sschlingemann)</a>		
22 - 24 oct 2009 Koli National Park, Finland	Koli Forum	 <a href="#">Koli Forum on Natural Resources</a>	About 100 eminent decision makers, executives and experts from the spheres of business, science, politics and culture	Timo Karjalainen, ti...	Koli Forum	Dr Pachauri invited as keynote speaker on 23 Oct.	<a href="#">Waiting for Dr Pachauri's reply / SS (sschlingemann)</a>		
22 - 24 oct 2009 Stockholm, Sweden	European Commission and the Presidency of the EU	 <a href="#">European Development Days 2009</a>	Heads of State, thousands of repr. of local communities, internat. dev. practitioners and global civil society	Ian Barber, Ian.BAR...	EU	Dr Pachauri requested to give keynote address in Plenary Session on 22 October	<a href="#">OK / SS (sschlingemann)</a>		
02 - 06 nov 2009 Kuwait, Kuwait	Kuwait Society of Engineers	 <a href="#">Conference on Alternative Energy Applications: Option or Necessity</a>		Salah Almudh'hi, wfe...	Kuwait Society of Engineers	Pachauri invited as keynote speaker	<a href="#">Is Patchy going? (csaibante)</a>		
02 - 06 nov 2009 Barcelona, Spain	UNFCCC	 <a href="#">AWG-LCA 7 and AWG-KP 9 (resumed sessions)</a>	UNFCCC negotiators	Yvo de Boer, session...		Renate Christ	<a href="#">OK / SS (sschlingemann)</a>		
03 - 04 nov 2009 Brussels, Belgium	ACCENT	 <a href="#">Final Accent Symposium</a>		Eva Schuepbach, Eva....	European Commission	Gilles Sommeria (provisionally)	<a href="#">OK / SS (sschlingemann)</a>		
04 - 06 nov 2009 Sao Jose dos Campos, Brazil	IGBP, ESSP and IPCC	 <a href="#">International meeting on Impacts, Adaptation and Vulnerability (IAV)</a>	60-80 participants from mostly developing countries	Carlos Nobre, iavbra...		Chris Field, Vicente Barros and other IPCC experts	<a href="#">OK / SS (sschlingemann)</a>		

Date and place	Organisation	Subject and activity	Audience	Contact	Sponsor	IPCC Participation - speakers	Secretariat comments	Bureau comments	TSUs comments
09-Nov-09 Munich, Germany	Climate for Culture project	<del>X</del> Meeting on damage risk assessment, economic impact and mitigation strategies for sustainable preservation of cultural heritage in the times of climate change	Representatives from EU member states and from Egypt, Israel and Morocco	Johanna Leissner, Jo...		Renate Christ (provisionally)	<a href="#">OK / SS (sschlingemann)</a>		
09 - 11 nov 2009 Berlin, Germany		<del>X</del> 10th World Summit of Nobel Peace Laureates		PERMANENT SECRETARIA...		Patchy invited	<a href="#">confirmation of participation is requested, sent to Remigius on 31/07 (csaibante)</a>		
10 - 11 nov 2009 Ismailia, Egypt	Egyptian Society for Environmental Sciences (ESES)	<del>X</del> 4th International Conference on Impacts of Climate Change on Natural Resources		Abdel-Raouf A. Moust...		No speaker request	<a href="#">Deadline for registration will be on September 1st, 2009 (csaibante)</a>		
18-Nov-09 Geneva, Switzerland	Dutch UN Student Association	<del>X</del> Lecturing tour UN organizations in Geneva	15 Students from University of Groningen, Netherlands	Sebastian Mur, duns...		Gilles Sommeria	<a href="#">OK / SS (sschlingemann)</a>		
18-Nov-09 Geneva, Switzerland	Kent State University	<del>X</del> Introduction on the organization and work of the IPCC	12 US undergraduate students	Susanne Peters		Gilles Sommeria	<a href="#">OK / SS (sschlingemann)</a>		
07 - 18 dec 2009 Copenhagen, Denmark	UNFCCC	<del>X</del> COP 15	UNFCCC negotiators	Yvo de Boer, session...		Dr Pachauri, Renate Christ a.o.	<a href="#">OK / SS (sschlingemann)</a>		
08 - 10 feb 2010 Lausanne, Switzerland	Ecole Polytechnique Federale de Lausanne (EPFL) in cooperation with UNESCO	<del>X</del> UNESCO Chair International Scientific Conference on Technologies for Development	Decision-makers, researchers and students	Prof Martin Vetterli...		Dr Pachauri invited as keynote speaker on 8 Febr. 2010	<a href="#">Add comment</a>		
13 - 14 apr 2010 Sao Paulo, Brazil	Green Power Conferences	<del>X</del> 5th Annual Carbon Markets Americas Conference	Local and international stakeholders	Dana Vogel, Dana.Vog...		Ramon Pichs Madruga has been invited as keynote speaker	<a href="#">Add comment</a>		