



WMO

INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE



UNEP

INTERGOVERNMENTAL PANEL
ON CLIMATE CHANGE

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ENGLISH ONLY

PROGRESS REPORT ON OUTREACH

Detailed list of activities submitted by the Technical Support Unit of Working Group 1

IPCC WGI Outreach Report

RICHARD ALLEY

I have averaged one talk/week (hence, ~70 talks since publication) incorporating results from IPCC WG1 AR4 or directly focusing on IPCC WG1 AR4, to groups ranging from US Senate and House committees to elementary-school classes and Sunday-school classes.

I have presented material based on IPCC WG1 AR4 at ~5 scientific meetings, and especially the Fall 2007 meeting of the American Geophysical Union.

I have provided advice approximately weekly to government officials, drawing on or directly using IPCC WG1 AR4, including testimony or briefings to three committees of the U.S. House of Representatives, one of the Senate, individual meetings with three additional Senators and one Representative, serving as science resource and presenter on a trip to Greenland with 10% of the U.S. Senate, and an additional briefing to ~10 US Senators.

PETER AMBENJE

Since the AR4, I have presented WG1 material at two scientific meetings namely: Climate Outlook Forum for the Greater Horn of Africa; and The Regional Training Course on “Factoring in hydro-climatic disasters in integrated water resources management”.

I also gave a presentation at a workshop on Emergency Preparedness and Response Framework for East and Central Africa region.

VINCENZO ARTALE

Since the approval and acceptance of the WG1 AR4, I gave several seminars, telephone interviews and I was invited several times to television as IPCC expert, in which I have presented IPCC material.

INVITED PRESENTATIONS 2007

February 7th at Genoa ‘s Aquarium (Italy), I gave a long seminar for scientists and local communities and two radio interviews;

May 24th, I gave two long-seminars for PhD students organized by the University of Savona (CIMA);

July 6th, Bruxelles, seminar at workshop organized by European Parliament;

September 8-9th, Mantova (Italy), two separated seminars at Mantova International Literature Festival;

November 27th, Venice (Italy), I gave a presentation at climate workshop organized by Science

Academy of Venice (the Istituto Veneto di Scienze, Lettere ed Arti), 2008 February 11th, I gave a long presentation at Istituto Superiore della Sanità (the Italian National Health Service); February 29th, presentation at the workshop organized by the Lyon Ostia (Rome); March 4th, seminar for all students of the University of Rome Sapienza, Physics Dept; April 24-25th, Invited Speaker at the “Forum on Climate Change and Science & Technology Innovation”, Beijing, China, organised by the Chinese National Climate Centre and the China Meteorological Administration; May 8th, Rome, presentation at the workshop organized by EMA (European Medical Association); June 13th, presentation at climate workshop organized by my province (Lazio); June 20th, presentation at workshop organized by H2O European project at Isola Capo Rizzuto (Crotone Province, Italy)

SPECIAL EVENTS:

October 25th 2007 the Italian’s IPCC contributors and authors were received by the Italian Prime Ministry Romano Prodi;

March 2008, highlight personal interview from the official Journal of the MIUR (Ministry for University and Scientific Research).

INTERVIEWS: I gave several interviews to four Italian National Television (Rai 1,2 and 3 and Rai International), radio and telephone interviewing (ten as order of magnitude within the week after the delivery of the report and during the week after the Nobel price), in particular the following are the most relevant in term of audience and time all, at national level:

February 2007 Rai 2;

September 24th at 13pm 2007 Rai International (in studio);
October 15th 2007 Vatican radio;
October 29th 2007 ecoradio at 19pm (in studio);
December 7th 2007 Sky tg24 13-16 pm (in studio);
December 11th 2007 WebTV of the first Italian newspaper “la Repubblica” at noon (in studio).

RICHARD BETTS

I have presented findings of WG1 on numerous occasions and to a variety of different groups and events, e.g.,:

The British Parliament
The Met Office
The Royal Society
The Eden Project
The Climate Group
Numerous UK industry groups and general public audiences.

I included WG1 material in an article for the current edition of the Times Comprehensive Atlas of the World.

NATHAN BINDOFF

Since the AR4, I frequently have given talks on IPCC WG1, climate and oceans at: University of Tasmania (Law School, and public talks) IASOS (Institute for Antarctic and Southern Ocean Studies) ACE CRC (Antarctic Climate & Ecosystems Cooperative Research Centre)

Royal Society of Tasmania
CSIRO Marine and Atmospheric Research
Tasmania Institute of Agricultural Research
Hobart Water Board
Hobart Mountain Festival

• Department of Infrastructure, Energy, and Resources These typically happen 2 times per month.
I also have presented WG1 material at several scientific meetings, conferences, workshops, and symposiums, including:

WCRP meeting about Future Climate Change Research
Australian Academy of Science workshop ‘Future directions for Australian Climate Change Science’
Science Symposium ‘In Hot Water: preparing for climate change in Australia’s coastal and marine systems’
Australian Seafood Industry National Conference ‘Seafood Directions 2007’

ROXANA BOJARIU

TALKS/PRESENTATIONS:

I gave 7 talks on IPCC WG1 and climate at the University of Ecology (Bucharest, Romania) and National Meteorological School (Bucharest, Romania).
The Wilton Park Conference on Energy Security in the European Union -Green Linkages and the Black Sea Context;
The Sigma Xi -Romania meeting;
The Aspen Institute Romania -Climate change and energy security
The Finmedia workshop on Energy Efficiency.

MEDIA:

I gave many interviews related to WG1 topics for Romanian newspapers (Romania Libera, Cotidianul, Adevarul).
I have had television interviews (Realitatea TV, Antena 1) where I used WG1 material.
I frequently gave interviews on IPCC WG1 topics at the Romanian Department of British Broadcasting Corporation and Radio Romania Cultural, typically 2 times per month.

OTHER:

- Together with other 3 scientists, I also participated at the Climate Debate organized by the British Council in Bucharest in the framework of the Beautiful Science Programme.

ARISTITA BUSUIOC

Since the AR4, I have given various talks on IPCC WG1 and climate at radio, TV and training for journalists and local communities.

I also have presented WG1 material at various scientific meetings including:

The Romanian Academy

The Romanian Parliament

The Romanian Society of Meteorology

The Annual Scientific Meeting of the National Meteorological Administration.

I have also prepared materials for:

The Romanian Government, particularly for the Ministry of the Environment and Sustainable Development in order to prepare the National Strategy on Climate Change.

The Ministry of Agriculture and Rural Development in order to prepare the strategy on drought.

JOSE CARRASCO

Since the AR4, I frequently use IPCC WG1 results and materials for my talks in different places where I have been invited. In general, I give a talk once a month (sometimes two) in universities and other local meetings to student and general public.

ANTHONY CHEN

I am part of a team preparing Jamaica's Second National Communication to UNFCCC. I have made a presentation on 'Climate Change and Implications for Jamaica' at the Meeting of the Heads of Missions of the Jamaican Foreign Service, January 9, 2008. I have also given the following lectures:

- A talk IPCC Climate Change Projections for the Caribbean on World Met Day, March 23, 2007
- 'IPCC Caribbean Climate Change Conclusions' at Climate Change Conference, University of the West Indies, Mona, June 16, 2007
- 'Climate Change and Us, An Overview' at the National Environmental Education Committee Forum, November 8, 2007
- A talk on Mitigation and Adaptation at the Launch of UNDP Human Development Report 2007/2008, December 11, 2007
- 'Climate Change and Energy Implications' to the Young Presidents' Organization, January 17, 2007
- 'Climate Scenarios' at Climate Change and Biodiversity in Caribbean Project Caribbean Natural Resources Institute Workshop, February 2008
- 'Climate and Health' for Pan American Health Organization World Health Day 2008
- 'Is Global Warming Unsafe and Unhealthy?' at the Medical Association of Jamaica SYMPOSIUM 2008, June 8, 2008
- 'Climate Change and Energy' at the Aspiring Caribbean Leaders Seminar, July 2, 2008

WILLIAM COLLINS

Since the IPCC plenary in Feb. 2007, I have presented findings from the WG1 (and WG2) reports at the following:

"The future of the Earth's climate: Frontiers in forecasting", LBNL Summer Lecture Series, Jul. 11, 2007, Berkeley, California.

"CLARREO: A climate model prediction perspective", University of Maryland, Jul. 16, 2007, College Park, Maryland.

"Global warming: A scientific assessment of our changing world", ex-Ls luncheon, Aug. 16, 2007, Berkeley, California.

"The future of California's climate from a global perspective", Fourth CEC California Climate Change Conference, Sep. 11, 2007, Sacramento, California.

"The credibility of climate model predictions for future climate change", Dept. of Environmental Engineering, University of California, Sep. 28, 2007, Berkeley, California.

"Climate Predictions and Impacts of Global Warming", Studienstiftung des deutschen Volkes, Stipendiatentreffen in Nordamerika, University of California International House, Sep. 29, 2007, Berkeley, California.

"An overview of climate models: Applications to climate change", Chevron Fellows METamorphosis Conference, Oct. 17, 2007, League City, Texas.

"Reducing our carbon footprint: Frontiers in climate forecasting", Berkeley Lab series Science at the Theater, Oct. 22, 2007, Berkeley Repertory Theatre, Berkeley, California.

"The role of climate benchmark records in climate-change attribution and projection", 2007 Fall Meeting, American Geophysical Union, Eos Trans. AGU, 88(52), Fall Meet. Suppl., abstract A54D-02.

"Scaling laws, scale invariance, and climate prediction", talk 1035-60-1976, SIAM Minisymposium, Joint Mathematics Meeting, Jan. 7, 2008, San Diego, California.

"Climate change: Past, present, and future", East Bay Municipal Utility District Headquarters, Feb. 27, 2007, Oakland, California.

"Radiation and clouds: major challenges in forcings and feedbacks", Identifying Outstanding Grand Challenges in Climate Change Research: Guiding DOE's Strategic Planning, Mar. 25-27, 2008, Arlington, Virginia.

"Climate change: Past, present, and future", Association of California Water Agencies (ACWA) Region 5 Program "Financial Impacts of Climate Change" Apr. 7, 2008, San Francisco, California.

"Reducing our carbon footprint: Frontiers in climate forecasting", St. Stephens Episcopal Church, Apr. 8, 2008, Orinda, California.

"Earth system simulation for climate change: Challenges and prospects", NASA Ames Research Center GREEN Seminar, Apr. 17, 2007, Moffett Field, California.

"Collaboration in climate research: The age of assessments", Berkeley Conference on Climate Research Management, Apr. 24, 2008, Berkeley, California.

"Extreme climate change: Scaling laws and scale invariance", ASCR workshop on Mathematics for Analysis of Petascale Data (MAPD), Jun. 3-5, 2008, Rockville, Maryland.

"Computational challenges for dynamic Earth system models", The International Supercomputing Conference, Jun. 18, 2008, Dresden, Germany.

ROBERT COLMAN

Since the AR4 I have given AR4 based talks at community groups, and to tertiary level students (roughly 4 per year). Talks to schools roughly 1 per year.

Talks to conferences including:

Greenhouse 2007 (Sydney, Australia, October 2007)

Meeting at Australian Academy of Science on Future of Climate Change Research (March 2008).

Co authored Scientific American (August 2007) article on the WG1 SPM (Collins et al).

KEN DENMAN

Since the AR4, I frequently give talks on IPCC WG1 and climate to university groups, local community groups, scientific associations, business groups etc, typically 1 times per month. I have briefed my employer, Fisheries and Oceans Canada, to the Deputy Minister and the Assistant Deputy Minister for Science. I also was invited to join the Climate Action Team advising the Premier of British Columbia on climate change issues. We meet once a month and BC has enacted the first legislation in North America imposing a carbon tax, which came into effect on 1 July. Last week I made an invited presentation to the Business Futures of the Americas conference in Port of Spain, Trinidad. I have also turned down several invitations because of time commitments.

DAVID EASTERLING

I give talks to government., colleges, local groups, and stakeholders (e.g. insurance industry) about 1-2 times per month.

THIERRY FICHEFET

I have given about 15 conferences on IPCC WG1 and climate in universities, schools and societies. I have also given about 15 interviews to Belgian TVs, radios and newspapers.

JOHN FYFE

Since the AR4, I frequently give talks on IPCC WG1 and climate at schools, local communities, and scientific meetings typically 2 times per month. These include:

- “Global Climate Change”, Saskatchewan Crown Counsel Association, Regina, Saskatchewan, Canada. October 9, 2008.
- “Global Climate Change” Delta School District, Delta, British Columbia, Canada. August 27, 2008.
- “The Future Of Climate Change Science”, Cafe Scientifique, Vancouver, British Columbia, Canada. May 27, 2008.
- “Anthropogenic Speed-up of Oceanic Planetary Waves”, International Symposium on the Effects of Climate Change on the World's Oceans, Gijon, Spain, May 19, 2008.
- “Negative Feedback of Southern Hemisphere Winds on Atmospheric Carbon Dioxide”, International Symposium on the Effects of Climate Change on the World's Oceans, Gijon, Spain, May 20, 2008.
- “Global Climate Change”, Postdoctoral Association Symposium, University of Calgary, Calgary, Alberta, Canada. April 25, 2008.
- Various Panel Discussions, Aspen Environment Forum (co-sponsored by the Aspen Institute and National Geographic Magazine), Aspen, Colorado, USA. March 26 -28, 2008.
- “Global Climate Change”, North Cowichan Forum on Climate Change, North Cowichan, BC, Canada. March 13, 2008.
- “The Science of Climate Change”, Columbia Institute Symposium on Climate Change for Education, Vancouver, BC, Canada. January 24, 2008.
- “Global Climate Change”, Claremont Secondary School, Victoria, BC, Canada. December 13, 2007.
- “Global Climate Change”, Air and Waste Management Association, Victoria, BC, Canada. November 27, 2007.
- “Climate Change Research”, Occupational Health Safety and Environment Office, University of Victoria, Victoria, BC, Canada. November 13, 2007.
- “The Science of Climate Change”, Business for Social Responsibility Annual Conference, San Francisco, CA, USA. October 25, 2007.
- “The Human Cause and Global Consequence of Southern Ocean Warming”, Joint SCAR-CLIC-IASC-ICPM Sponsored Workshop on Recent High Latitude Climate Change, Seattle, WA, USA. October 23, 2007.
- “The Science of Climate Change”, Oak Bay Emergency Program, Oak Bay, BC, Canada. October 9, 2007.
- “The Global Impacts of Climate Change”, Nike Corporation, Portland, OR, USA. July 17, 2007.
- “The Science of Climate Change”, Annual meeting of provincial and territorial ministers of agriculture. Whistler, BC, Canada. June 27, 2007.
- “Climate Change: Past, Present and Future”, Resource Development and Northern Transportation Conference. Whitehorse, Yukon, Canada. May 29, 2007.
- “The Science of Climate Change”, Fourth International Colloquium on International Law and Climate Change, Rio de Janeiro, Brazil. May 21, 2007.
- “The Science and Regional Impacts of Climate Change”, BC Ministry of the Environment, Nanoose, BC, Canada. May 7, 2007.
- “Human Induced Change in Winter Cyclone Frequency and Intensity”, European Geophysical Union Assembly, Vienna, Austria. April 20, 2007.
- “The Human Cause and Global Consequence of Southern Ocean Warming”, European Geophysical Union Assembly, Vienna, Austria. April 18, 2007.
- “Climate Change: Past, Present and Future”, City of Victoria, Victoria, BC, Canada. April 10, 2007.

- “Climate Change: Past, Present and Future”, Nike Corporation, Portland, OR, USA. April 5, 2007.
- “Human Influence on the Global Ocean”, University of Washington, Seattle, WA, USA. March 30, 2007.
- “Climate Change: Past, Present and Future”, District of Saanich, Saanich, BC, Canada. March 28, 2007.
- “Human Influence on the Global Ocean”, Institute of Ocean Sciences, Sydney, BC, Canada. February 20, 2007.

I also briefed the Canadian Ministers of Agriculture, the CEO of Nike Corporation and the Attorney General of Rio de Janeiro.

NATHAN GILLETT

At the time of publication of the the AR4 WG1 SPM I gave several UK national TV, press and radio interviews on the contents of the report, and I also gave media interviews after the publication of AR4 WG2 SPM.

I frequently include material from the AR4 in lectures to students, and have included material from the report in a talk at a Royal Meteorological Society Meeting and a research seminar in Victoria, Canada.

KIMIO HANAWA

Since the AR4, I frequently give talks on IPCC WG1 and climate at schools, local communities, other various symposium, typically 1.5 times per month using the materials that appeared in AR4. Total number of presentations is 22 since May 2007 to June 2008.

GABI HEGERL

Talk at the US National Research Council 2007 spring meeting session on IPCC findings and resulting research priorities from the attribution point of view.

Talk at the Royal Meteorological Society (Scotland branch) about IPCC findings last October.

Two invited talks at the AGU fall meeting 2007 that included findings from AR4.

About 1 talk a month to some UK university department which includes IPCC material.

Talk to the Research Triangle (North Carolina) business round table.

Testified in a Congress subcommittee march 2007, largely about IPCC findings.

CHRISTOPH HEINZE

Since the AR4, I have given a series of presentations (oral and poster) primarily to the interdisciplinary scientific community (ca. 5 internationally attended talks on conferences and workshops). I have also used IPCC WG1 findings in university lectures on polar oceanography and chemical oceanography (ca. 8 different single lectures). I also have presented WG1 based material at: “Experts meeting on EU-funded research on carbon cycle and greenhouse gases at the European Commission”, Directorate General for Research, Brussels, Belgium, 2007-10-05 “International Symposium -Future climate, impact, and responses -The IPCC Forth Assessment Report & EC Integrated Climate Research”, Brussels, Belgium, 2007-11-19 -2007-11-20 “Ocean biogeochemical feedbacks to climate change and rising atmospheric CO2 concentrations” in the Worldwide Universities Network, Bergen, 19 Mar. 2007 (video seminar which was transmitted to 16 universities in Europe and North America)

“The ocean carbon sinks, processes, timescales, and impacts” during the Geosciences Information for Teachers (GIFT) Workshop -European Geosciences Union – General Assembly, Vienna, Austria 2008-04-13 -2008-04-16.

PHIL JONES

PRESENTATIONS:

UK Royal Society in March 2007 -Chapter 3

French Academy also in March 2007 -Chapters 3/6

Korean Meteorological Society also in March 2007 -Chapters 3,6 and 9

Summer school (organized by Qin Dahe) at CMA, July 2007-Chapters 3, 6 and 9

Teaching at UEA last autumn.
Summer School this July 2008 in Germany -whole report
Spanish climate meeting in Tarragona, Spain October 2008

INTERVIEWS:

- Many media requests after the Paris meeting, with resurgences after the WG2, WG3 plenaries and again after Valencia.

JEAN JOUZEL

Since the AR4, I frequently give talks on IPCC WG1 and climate at schools and general public, typically two or three times per month. I also briefed French representatives (national assembly and senate) and I'm involved in a process call "Grenelle de l'environnement ; topic Climate and Energy" aiming to make propositions on how France could reach its objective as far as reduction of greenhouse gas emissions is concerned.

GEORG KASER

Since the AR4, I frequently give talks on IPCC WG1 and climate (about 30 so far) at schools, local communities, agricultural unions, tourism organisations, local and regional governments, political parties, private societies, university faculty members, banks], typically 1 -2 times per month.

I also have presented WG1 material at several scientific meetings including:

Glacier Mass Balance workshop in Skeikampen, Norway, in March 2008,
Delhi Sustainable Development Summit (TERI), GTZ side event, Feb. 2008,
Canadian Geophysical Union, Banff, May 2008,
EGU Vienna, April 2008,
UNEP 'Mounatins as early indicators of climate change', Padova, Apr. 08.

I am invited for several presentations on AR4 or such that will include AR4 material in the near future. Among others:

UNESCO workshop/Paris, Sept. 08, -American Petro-geologists in Cape Town, SA, October 2008,
EGU Humboldt conference in Santiago de Chile, Nov. 2008

VLADIMIR KATTSOV

Since the AR4, I have given a number of talks fully based or partly including IPCC WG1 results. Most of the talks were given at scientific meetings and schools (listed below). I made a presentation "Role of national hydrometeorological services in adaptation to climate variability and change at national level", using some AR4 results, during the 15th Congress of the World Meteorological Organization (14 May 2007, Geneva). I gave an invited talk on the future arctic climate during the Symposium "Global Climate Change – The need for action" (Ny-Alesund, Svalbard, Norway, August 20-22, 2007) with international policy-makers participation.

PRESENTATIONS:

- Seminar of Russian Federal Service for Hydrometeorology and Environmental Monitoring (Roshydromet) "Russian scientists' contribution to the IPCC AR4", Moscow, 10 July 2008 (oral presentation)
- International Arctic Research Center (IARC) Summer School on Arctic Climate Modeling, Fairbanks, USA, 27-28 May 2008 (2 lectures)
- 4th IGBP Congress, Cape Town, South Africa, 5-9 May 2008 (poster)
- Forum on Climate Change and Science & Technology Innovation. Beijing, China, 24-25 April 2008 (oral presentation)
- EGU-2008 General Assembly, Vienna, Austria, 13-18 April 2008 (invited talk).
- Arctic Council (AMAP) Project "Snow, Water, Ice, and Permafrost in the Arctic (SWIPA)" workshop, St.Petersburg, Russia, February 19-20, 2008 (oral presentation)

- Scientific Conference “High latitude seas and marine cryosphere”, AARI, St.Petersburg, October 25-26, 2007 (invited talk)
- British-Russian workshop on cooperation in Polar studies and in International Polar Year projects, Arctic and Antarctic Research Institute, St.Petersburg, Russia, 23-24 October 2007 (oral presentation)
- International summer school “High Northern Latitude Climate”, Peterhoff, St.Petersburg, September 10, 2007 (2 lectures)
- Fourth Korea-Russia Joint Workshop on Climate Change and Variability, St.Petersburg, Russia, September 12-14, 2007 (oral presentation)
- APEC Climate Center (APCC) Symposium/APCC Science Advisory Committee (SAC) Meeting, Busan, Korea, on September 18-20, 2007 (oral presentation)
- The Ny-Ålesund Symposium “The Changing Arctic: Global Climate Change – the Need for Action”, Svalbard, Norway, 20-22 August 2007 (panel speaker)
- Workshop “Northern Eurasia land surface properties and change and its role in the global Earth system and models”, Aspen Global Change Inst., Aspen, USA, August 12-17, 2007 (oral presentation)
- International Polar Year (IPY) Summer Institute “Environmental studies in the boreal forest zone”, Fedorovskoe, Russia, July 25, 2007 (2 lectures)
- North Pacific Marine Science Organization (PICES)/North Pacific Research Board (NPRB) workshop “Forecasting Climate Impacts on Future Production of Commercially Exploited Fish and Shellfish”, Seattle, USA, July 19-20, 2007 (oral presentation)
- Seminar “Specialized hydrometeorological servicing of oil and gas sector of Russian economy and its infrastructure”, Arkhangelsk, July 3-4, 2007 (invited talk)
- Ecosystem Studies of Sub-Arctic Seas (ESSAS) workshop “Evaluation of Future ESSAS Climate Scenarios”, Hakodate, Japan, June 4-7, 2007 (WGI member, oral presentation)
- Side event “Role of national hydrometeorological services in adaptation to climate variability and change at national level” during WMO 15th Congress, Geneva, Switzerland, May 14, 2007 (oral presentation)
- Seminar “Global Climate Changes” (Academician G.I. Marchuk’s seminar). Inst. of Numerical Mathematics, Russian Academy of Sciences, Moscow, February, 7, 2007 (invited talk).

I gave two press-conferences in the major Russian agency ITAR TASS (in St.Petersburg and Moscow – in early February 2007). I gave a number of interviews to Russian federal and regional TV and radio channels, including the major federal radio “Mayak” (7 February 2007) and TV RTR (20 May 2007, “Vesti nedeli” – “News of the week”), a major Russian newspaper “Rossijskaja Gazeta” (9 January 2007), a major popular magazine “V Mire Nauki” (“Scientific American”, No. 9, 2007), and a major St.Petersburg newspaper “Sankt-Peterburgskije Vedomosti” (18 January 2008).

I also published (with my other colleagues) an outreach paper (Kattsov, V.M., V.P. Meleshko, S.S. Chicherin, 2007: Climate change and national security of the Russian Federation. Law and Security, No.1-2, 29-37) and a popular book (Karol I.L., V.M. Kattsov, A.A. Kiselev, N.V. Kobysheva, 2008: On climate essentially and seriously. Roshydromet, St.Petersburg, 55 pp.), both including WGI material.

RENÉ LAPRISE

Since February 2007, I have given 33 interviews to Canadian medias (television, radio, newspapers).

I gave a 10-h lecture series to the Quebec Province "Ouranos Consortium on regional climatology and adaptation to climate change"

PETER LEMKE

Since the AR4 I frequently give public talks at schools and local communities, typically 1 to 2 a month. I also presented IPCC work at universities and other scientific institutions and meetings, on average once a month. I also briefed the Prime Minister of Lower Saxony, one of the federal states of Germany.

CORINNE LE QUERE

Since the AR4, I have presented material from IPCC WG1 at scientific conferences and workshops about once per month, including keynote talks at the International Symposium Polar environment and climate: The

Challenges, the XXIV Assembly of the IUGG, and at the International Symposium on Effects of climate change on the world's oceans.

I also briefed the UK Royal Princess Anne, the president of the Royal Society of London (Lord Rees), the leader of the UK conservative party (David Cameron), the UK House of Commons Select Committee on Science and Technology, and the UK Corporate Leader's Group on Climate Change.

ULRIKE LOHMANN

Since the AR4, I have given talks on IPCC WG1 and climate to lay audiences on average once per 2 months.

VALERIE MASSON

Since IPCC AR4, I was frequently solicited for outreach on past, present and future climate change. I published 2 books for children in French (one translated in Korean, the other translated in Italian and Spanish) and prepared a series of posters to be freely used for teenagers in high schools or public libraries (climatdemain.ipsl.jussieu.fr) (within the Year of Physics it was distributed in many high schools in France).

I gave conferences at various levels (primary school, high school, several universities in earth sciences, life sciences, physics, law), conducted training sessions for primary and high school teachers and for policy makers of local authorities, natural parks, private companies (water and energy, aeronautics), and for the general public (in average, 2 outreach talks per month).

I am member of the steering committee of a French foundation and of a new “museum” on sustainable development.

I was invited to give a talk for the opening of the international polar year (French Senate and Natural history museum), and for the French forest management workshop.

I had frequent interviews with the press (French radio, TV and newspapers).

I gave invited talks at many conferences (AGU, EGU, SCAR ATCM, IODP, IUGG...).

CECILIE MAURITZEN

Since the publication of AR4 I have taken part in a public tour of climate change talks, giving approximately 60 talks during the year. In this layman’s talk, which has been given to a wide range of audiences (from school classes, through unions, political parties, retirement homes, churches, to large business corporations) the main issues of the physical system are explained, and a number of solutions presented. A key ingredient is to describe how IPCC works.

I have also written an op-ed in the main Norwegian newspaper dispelling the most prevalent myths about the climate system in general and about IPCC in particular.

I have contributed to two journalist courses on climate change.

Finally, I have had four appearances on national TV during the last year concerning my participation in IPCC

PHILIP MOTE

Since the AR4 I have given approximately 70 talks and mentioned AR4 results in almost every one of them. Audiences mainly consist of decision makers (primarily agency managers and scientists) in the Pacific Northwest.

DANIEL OLAGO

PRESENTATIONS:

International Conference on Groundwater and Climate in Africa, 24-28 June 2008, Hotel Speke Munyonyo, Kampala, Uganda. Paper presented: Holocene palaeohydrology, groundwater and climate change in the Lake Basins of the Central Kenya Rift. (Invited Keynote Paper).

International Geosphere-Biosphere Programme (IGBP) Congress, 05 -09 May 2008, Cape Town International Convention Centre, Cape Town, South Africa. Paper presented: Africa: Palaeoperspectives on water and land cover with emphasis on eastern Africa (Invited Keynote Paper).

DAVID PARKER

Presentation "Marine climate data and research priorities for the IPCC 5th Assessment" at the Third JCOMM Workshop on Advances in Marine Climatology (CLIMAR-III), May 2008. This presentation was based on the Oct 2007 Sydney workshop ("Future Climate Change Research and Observations: GCOS, WCRP, and IGBP Learning from the IPCC Fourth Assessment Report (AR4)") as well as on the IPCCAR4. Occasional internal briefs and briefs to visitors in the UK Met Office.

THOMAS PETERSON

I hardly ever give a talk these days that does not have at least one figure from IPCC WG I as all my talks deal with climate change. I average about one presentation a month to groups such as the American Association of Petroleum Engineers or the Association of State Dam Safety Officials.

RONALD PRINN

I have given around 27 invited talks since the release of AR4 that include graphs from WG1. These were to universities, national laboratories, journalism symposia, industry symposia, and state legislatures. I also used an AR4 graph in my invited testimony to the US Congress House Ways and Means Committee in February 2007.

FATEMEH RAHIMZADEH

Since the AR4, I frequently give talks on IPCC WG1 and climate at the climatological Center, Iranian Meteorological Organization, and Meteorological offices in provinces of Iran and also at a few universities. I also briefed our director for preparing proposal projects based on IPCC finding. For example we could define a project about analyzed upper air data based on radiosonde data. I also briefed our director for preparing another proposal projects for updating the project climate models, extreme events detection of climate in Iran.

I have given some special title based on IPCC to my student for their thesis, which have not been worked in Iran. .

I had several interviews with TV and Radio.

JOUNI RÄISÄNEN

NEWSPAPER INTERVIEWS:

- About 5 directly related to AR4, mostly in spring 2007

PRESENTATIONS TO VARIOUS GROUPS OF 'GREATER PUBLIC':

- About 12 since February 2007

TEACHING:

University lecture course on climate change, spring 2008

Finnish Meteorological Institute climate change course for Estonian university teachers, April 2007

International Centre for Theoretical Physics Capacity Building for Developing Nations Training Seminar on Interpreting Climate Change Simulations, Trieste, Italy, November 2007

VENKATACHALAM RAMASWAMY

Since the AR4 WG1 Plenary, I have given talks on subject matter related to WG1 results at national and international forums spanning diverse audiences (climate scientists, non-climate scientists, scientific bodies, policy analysts, policymakers, Government and state leaders, intergovernmental bodies, Universities, colleges, nonprofit groups). I estimate an average of about 5 talks every quarter on the subject from February 2007 through May 2008.

JAMES RENWICK

- Since the release of the AR4, I have been frequently involved in outreach activities, giving many talks to public groups and government agencies (approximately 25 since mid-2007), and have spoken with cabinet ministers and other parliamentarians.
- I have been involved in many media interviews and articles (approximately 30 since mid-2007), for radio, television, and the print media.
- I have presented AR4 material at conferences of the NZ Marine Sciences Society, NZ Statistics Association, and at three NZ Local Government management conferences.

MATILDE RUSTICUCCI

Since the AR4, I frequently give talks on IPCC WG1 and climate at schools, local communities in several cities (Buenos Aires and over the country), to teachers (in a special course to school teachers), at universities, typically 4 times per month.

I also have presented WG1 material at scientific meetings, including III Argentine Biodiversity Conference, Seminar “Bases Científicas e Impacto del Calentamiento Global”, In Santo Domingo, Republica Dominicana.

I also briefed the city governor from Rosario city.

ABDOULAYE SARR

Since the AR4, I have given a number of talks at national and regional levels. At national level: I gave the presentation during the world meteorological days (23 March) and many people including student, school boys, parliament and senate representatives, stakeholders attended the presentation and posters made for that. The second event was for journalists where the major results of WG1 were presented and they all did a report on climate the following day. A talk was also given at the University followed by exchanges with student on the issues of climate change and potential impacts on water resources and agriculture in Senegal.

- After the report a synthesis was given to the Minister for information to the Government. At regional level: I have been invited to give a presentation to IPCC/OSS outreach meeting in Marrakech, Morocco in April 2008.

I presented the projected results of WGI for Africa after an introduction on the science of climate change to more than 60 scientists from Africa. Interesting discussion followed after the presentation. I am also invited to give a talk at Saly Portugal, Senegal in a meeting on climate change and women in West Africa.

PEDRO L. SILVA DIAS

Since the release of the WG1 report I have been giving frequent talks on IPCC WG1 and climate at [universities, schools, local communities, other], typically 2 times per month. I also have presented WG1 material at 6 scientific meetings. I also briefed the Ministry of Science and Technology in several occasions and the Brazilian Forum for Climate Change (a Civil organization that provides assistance to the Government). As a member of the Brazilian Academy of Sciences I gave 1 talk and I am a member of the academy council on Global Change. I am a member of the council on Global Change programs in two national research funding agencies.

OLGA SOLOMINA

Talks at:

The Scientific Council in the Institute of Geography, Moscow,
Russian Academy of Sciences

The Meeting of the Geography, Atmospheric Physics and Oceanography of Russian Academy of Sciences in Pskov

I included these materials in my lectures in Moscow States University (Geographical Department) and disseminated the CD-rooms with the IPCC reports and my personal Power Point lecture among several colleagues.

Three Russian lead authors from the 1 WG published a paper "Global warming continues" (Gulev S., Kattsov, V., Solomina, O.) in Vestnik of Russian Academy of Sciences, 77(12): 9-17.

SUSAN SOLOMON

Since the release of the WG1 AR4, presentations have included:

February 2, Paris: Lecture at Chirac's meeting on climate change in Paris

February 6, Paris: Lecture at the French Academy

February 8, Washington, DC: Testimony to US House and Senate

February 19, San Francisco: American Association for the Advancement of Science; invited plenary lecture

Feb 21, Boulder, CO: NOAA Earth System Research Laboratory Science Lecture

March 1, London; Special symposium on IPCC WG1 at the Royal Society, London

March 8, Denver: Invited lecture at American Physical Society

March 29, Livermore, CA: Invited lecture at LLNL

April 12, Boulder, CO: Boulder City Club

April 16, Oslo, Norway: Special symposium on climate at the Norwegian Academy, Oslo,

June 19, Breckenridge, CO: NCAR community climate system model annual meeting,

July 24, Golden, CO: Invited lecture at climate symposium of the National Renewable Energy Laboratory

August 17, Boulder, CO: Boulder Rotary Club

Aug 30, Boulder, CO: Invited talk and panel, University of Colorado Boulder

October, 18, New York, NY: Explorers Club

November 16, Washington, DC: Represented IPCC at the White House along with other 2007 Nobel Prize recipients

December 5, 2007, Washington, DC: NOAA Senior Executive Service presentation

December 11-13, San Francisco: Several presentations on IPCC findings and future at the American Geophysical Union, San Francisco

February 12, Cambridge, UK: Linnett lecture at the University of Cambridge

June 21-26, Saporro, Japan: Participated in Japanese science meeting in preparation for G8

June 30, Broomfield, CO: Presentation for joint US/Japan seminar on climate

July 23, Washington, DC: Presentation for 150 US teachers on climate change

July 31, Denver, CO: Presentation for Colorado Public Utilities Commission

August 28, Zurich, Switzerland: ETH

In addition, I have frequently given book, magazine, radio, and other media interviews at least several times per week.

RICHARD SOMERVILLE

I estimate that I have given about 40 talks in the last year or so concerning IPCC and AR4. The talks have ranged from addressing college students to speaking to investment banking and hedge fund and energy trading people. A few examples include:

Fall AGU meeting in December 2007 in San Francisco.

Los Angeles World Affairs Council

UCLA

UCSD

University of New Brunswick,

Amylin Pharmaceuticals

I have written a lot about the IPCC and AR4. A few examples include:

With Jean Jouzel, I have written about IPCC in a book that has appeared in both French and English:

<http://www.cambridge.org/us/catalogue/catalogue.asp?isbn=9780521896825>.

I have also written extensively about IPCC and AR4 in a new edition of my popular book, *The Forgiving*

Air: Understanding Environmental Change See: <http://theforgivingair.com> and

<http://scrippsnews.ucsd.edu/Releases/?releaseID=918>

I frequently answer questions from journalists.

There is an account of many of my IPCC AR4 outreach activities at <http://richardsomerville.com> where you can also find links to some of my writings, streaming video of several talks, and other information.

PETER STOTT

Presented the AR4 to the UNFCCC SBSTA meeting in Bonn, May 2007.

Presented the WGI contribution to the TP on water at the UNFCCC SBSTA meeting in Bonn, June, 2008.

Presented findings of the WGI report at a meeting on the AR4 WGI report at Reading University and at the Met Office Hadley Centre.

Briefed the UK Department for Environment and Rural Affairs (DEFRA) on the findings of the WG1 report pertinent to the synthesis report.

Presented findings of the WGI AR4 at the Royal Meteorological Society annual meeting in 2007 and at about 5 other scientific meetings.

Material from IPCC WGI was used to brief Counsel for the Defendant in the case of *Dimmock v Secretary of State for Education and Skills* heard in September-October 2007 in the High Court of Justice of England and Wales, concerning the permissibility of the UK Government providing Al Gore's documentary *An Inconvenient Truth* to English state schools as a teaching aid.

RONALD STOUFFER

I have given about 1 public talk using some IPCC material per month since the AR4 report was released. I have briefed a number of governmental administrators, maybe 1 every 2 months since Feb 07. I have also used figures from the IPCC report in many scientific presentations (Aspen -AGCI, NCAR, US-Japan workshop, etc.). I have also used IPCC figures in briefings/interviews with newspaper/TV reporters.

LYNNE TALLEY

Talks I've personally given since the AR4, drawing heavily on the AR4 materials:

3 at my institution (Scripps Institution of Oceanography)

2-3 at UCSD (family nights, undergraduate seminars)

3 at local high schools

1 at local library

1 plenary talk at an international meeting on climate change in the oceans (Gijon, Spain, May, 2008), introducing the topic

1 briefing of my local U.S. congressman (Brian Bilbray, R)

1 appearance on local TV (San Diego KPBS -public broadcasting) in a question-answer news show (Gloria Penner, Full Focus); and numerous radio interviews (San Diego stations)

In addition, I taught a 1-unit seminar course at Scripps (UCSD) in which the graduate students presented material each week from each of the three working groups, with discussion.

KEVIN TRENBERTH

There are 28 public lectures or panels, with some audiences exceeding 1000 and 10 other seminars. Also some blogs and op-eds are listed below. Also many (dozens) appearances on TV and on the radio. Some given below: I mostly do not have documentation. LECTURES OR PANELS:

- Invited talk, "Global warming and climate changes: The scientific evidence and the possible ramifications upon our resources and future lifestyle." 2006 Special District Association of Colorado Annual Conference, Keystone, CO. Sept. 21, 2006. (90 minutes).
- Invited talk, "Global climate change and water in the West". National Wildlife Federation. Golden CO. Sept. 27, 2006.
- Invited public lecture, University of Utah, "Observed changes in climate, their causes, and what it means". Salt Lake City, 29 November, 2006.
- Invited keynote address, "Le Réchauffement Global L'analyse du GIEC" (Global warming, the analyses of the Group of Inter-agency Experts on Climate Development = IPCC). Colloque: Changement Climatique: La Caraïbe en danger! Martinique, 11-13 December, 2006

- Invited talk “Global warming is unequivocal” to VIVA! (Vibrant, Intellectually Vigorous Adults). VIVA! is a self-directed, lifelong learning institute of the University College, University of Denver. Denver CO, 19 February 2007 (90 minutes).
- Invited lecture 1.25 hours at Colorado University in course “Discovering Climate Change” Russ Monson, Department of Ecol & Evol Biol. 22 February 2007.
- Invited talk to Coast Guard Academy, New London, CT. “Global warming is unequivocal” 26 Feb. 2007.
- Invited Public lecture, “Global warming is unequivocal” Harriot College of Arts and Sciences Lecture, East Carolina University. 19 April 2007.
- Invited Public lecture, “Global warming is unequivocal” University of Wisconsin, Madison. 23 April 2007.
- Invited Public lecture, “Global warming is unequivocal” Hochstein School of Music, Rochester, New York. 25 April 2007.
- Invited keynote plenary talk, “Global warming is unequivocal”, Transport–The next 50 years conference, Christchurch, New Zealand, 25-27 July, 2007.
- Invited keynote talk (1 hour) “Global warming is unequivocal” to 22nd International Conference on Amorphous and Nanocrystalline Semiconductors. Breckenridge, CO 21 August 2007.
- Invited Colloquium lecture, Yale University, “Global warming is unequivocal”. New Haven, CT, 12 September 2007.
- Invited Public lecture “Global warming affects us all: What must be done?” Ecoarts event; Energy & Environmental Security Initiative, 24 September, 2007, Boulder, CO.
- Invited Public ESSL/NCAR lecture, “Global warming, coming ready or not.” NCAR, Boulder, 18 October 2007.
- Invited public lecture “Global warming is unequivocal”. Embry-Riddle Aeronautic University, Daytona Beach, FL. 5 November, 2007.
- Invited public lecture “The latest update on climate change and the 4th IPCC assessment.” Channel 7 (Mike Nelson) Wild Weather Seminar 2007; The Wildlife Experience IMAX Theater, Parker, CO. 13 Nov. 2007.
- Invited public lecture, “Global warming, coming ready or not.” University of Alabama, Tuscaloosa, AL, 6 Dec. 2007.
- Invited public lecture “Global warming is unequivocal”. Seagate, Longmont, CO, 10 Jan 2008.
- Invited lecture, “Global warming, coming ready or not.” Denver University College of Law, Denver. 17 Jan 2008.
- Invited lecture “Global warming is unequivocal”. IEEE Aerospace conference, Big Sky, MT, 5 March 2008.
- Invited public lecture “Global warming, coming ready or not.” Sustainable Mountain Living, Estes Park, CO. 1 April 2008. (2 hours)
- Invited public lecture “Global warming: The physical science basis” Measuring Up conference, UCAR, Boulder, CO. 10 April 2008.
- Invited participation in Public Forum: “How serious is climate change? How serious are we about addressing it?” Three person panel at Colorado University moderated by Richard Brenne, 2 hours. 17 April 2008.
- Invited speaker, 2008 EDUCAUSE Center for Applied Research (ECAR) Summer Symposium, “Global warming affects us all; What must be done”, St. Julien Hotel, Boulder, CO, 10 June 2008.
- Keynote address, Catastrophe Modeling Forum, New York, NY., 11-12 June 2008.
- Invited talk, “Climate change, coming ready or not”, AIG Investments, New York, NY, 13 June 2008.
- Panelist, “Facts about our changing climate” AMS Broadcast Meteorologist Conference, Denver, CO 28 June 2008.

BLOGS AND RELATED:

Trenberth, K. E., 2007: In 50 years, will global warming have had any positive effects on Americans? Today’s Machine World, 3, p38

Trenberth, K. E., 2007: Climate report on deadline. Denver Post Perspective, Sunday 18 February, 2007. http://www.denverpost.com/opinion/ci_5237493?source=email

Trenberth, K. E., 2007: On Thin Ice. It’s unequivocal, it’s already here. San Diego Union Tribune. Sunday 11 March 2007. <http://www.signonsandiego.com/uniontrib/20070311/10.html>

Mike Rosen: Mostly wrong on warming. Rocky Mountain News 24 October 2007
http://blogs.rockymountainnews.com/denver/speakout/2007/10/mostly_wrong_on_warming.htm l#more
 Google At <http://news.google.com> , at their request:
 Growing threats to climate. 23 October 2007: <http://news.google.com/> Atlantic hurricanes and global
 warming. 23 January 2008: <http://news.google.com/>
<http://news.google.com/news?>
 Area experts debate global warming. Fort Collins Forum, February 19, 2008, Global Warming, Coming
 ready or not! <http://fortcollinsforumonline.com/DesktopDefault.aspx?tabid=515>
 Nations should act now to reduce carbon emissions. Denver Post 16 March 2008
http://www.denverpost.com/search/ci_8563859
 Graduation address to Bridge School, Boulder CO. 30 May 2008
 Are we good stewards of the planet Earth?
<http://www.dailycamera.com/blogs/letters-editor-blog/2008/jun/16/trenberth/>

OTHER RELATED SCIENTIFIC SEMINARS

Invited talk “Hurricanes and global climate change” Select Committee Congressional staff of Committee on
 energy independence and global warming, visit to NCAR 20 August 2007.
 Invited seminar, Yale University, “Hurricanes and climate change”. New Haven, CT, 12 September 2007.
 Invited talk, “Issues from IPCC AR4 WG 1, Atmospheric modeling and observations”, GCOS/WCRP/IBGP
 IPCC workshop on Learning from the IPCC Fourth Assessment October 4-6, 2007, Sydney, Australia.
 Invited talk, An imperative: Building a climate information system to enable adaptation to regional climate
 change. National Research Council workshop on Future priorities for the U.S. CCSP, Committee on
 Strategic Advice on the U.S. CCSP. Oct. 15-17, 2007, Washington DC.
 Invited speaker, An imperative: Building a climate information system to enable adaptation to regional
 climate change. COSMIC-Formosat conference, Boulder CO 22-24 October, 2007.
 Invited speaker, Observations of climate. American Statistical Association conference on “A statistical
 consensus on global warming”. Boulder, CO. 26-27 October 2007.
 Invited talk, Extremes in climate models. GEWEX SSG meeting, Buenos Aires, Argentina, 4-9 February,
 2008.
 Invited talk, “Weather and climate in the 21st century: what do we know? And what don’t we know?” Amer.
 Meteor. Soc. Policy Forum: “What about water? A reality check for the 21st century”. Washington, DC, 26-
 27 Mar, 2008.
 Invited keynote talk at the QUEST Hydrological Cycle meeting, on “How may the spatial and temporal
 characteristics of precipitation change under global warming, and what are the fundamental processes that
 will constrain those changes?” Totnes, Devon, U.K. as telecon. 21 April 2008.
 Invited keynote speaker in the American Geophysical Union’s 2008 spring meeting in the Union session on
 "Understanding and Predicting Water and Energy Cycle Changes", on “Earth’s changing energy and water
 cycles”. Fort Lauderdale, FL, 28 May 2008.

MISCELLANEOUS INTERVIEWS FOR RADIO AND TV. INCLUDES:

- KYGT 102.7 FM Idaho Springs, CO, interview for 40 minutes, 20 January 2007.
- NPR Science Friday with Ira Flato, 2 February 2007, 20 minutes (on IPCC report).
- Telecon in Paris on IPCC with some 60 reporters signed up. 1 hour 20 minutes.
- WNUR 89.3 FM Chicago Saturday 10 February, 2007, for 20 minutes, Chuck Mertz
- WRBN, Florida, “Barometer Bob” Brookens, 6:30 p.m. 15 February, 2007. 30 mins interview.
- KOSI, KEZW, Denver, radio interview 1 March 2007, 25 minutes, for broadcast following week.
- KSL radio, Salt Lake City Utah. 23 March. Interview 5 mins.
- Teleconference Extreme summer weather and global warming: Climate science briefing for broadcast
 meteorologists; 1.5 hours, 24 August 2007. Resource Media, San Francisco. Richard Somerville,
 Kevin Trenberth and Jerry Meehl, plus Paul Gross, chaired by Bob Corell.
- Interview (2 hrs) on climate change and hurricanes for documentary about global warming for
 broadcast in the month of November throughout Korea and Korean communities in US. produced by
 Seoul Broadcasting System. Mia Lee, producer. 30 August 2007.
- Live online discussion in chat room of the Washington Post for 1 hour. Result is online at
<http://www.washingtonpost.com/wpdyn/content/discussion/2007/02/12/DI2007021200686.html>

- Extended interview by video conference on climate change questions, by Cheryl Pellerin, Science Writer International Information Programs, Department of State, Washington, DC for posting on web sites both as a whole and as answers to frequently asked questions.
- Interview with KGNU on the EcoArts festival and my forthcoming talk on September 24. 17 September 2007, for 20 minutes. Shelley Slender.
- Interview for Living on Earth, NPR, broadcast 25-28 October, 2007 <http://www.loe.org/shows/shows.htm?programID=07-P13-00043#feature1>
- Interview on Healthy Planet show, KPFR, CA, Sherry Beall, for 1 hour live, 14 Nov. 2007.
- Interview TV, National Geographic, Pioneer Productions, London, 3 hours, 15 Nov 2007.
- Live interview, KPFA Morning Show, San Francisco, 20 minutes, 19 Nov. 2007.
- Live interview WWF New Orleans with Bob and Monica, 10 minutes, 24 Jan 2008.
- KGNU, 21 April 2008; with Maeve Conran on "Public Affair" 8:35 to 0900. with Brian Toon and Part Romero Lankao.
- "Ask the expert" panels at NCAR for visits by Broadcast Meteorologists 27 June 2008
- Panel, "The facts about our changing climate" AMS Broadcast Meteorologist conference, Denver, 28 June 2008.

ANDREW WEAVER

I have conducted hundreds of media interviews both in Canada and abroad since the AR4 appeared. I have given many lectures to schools, public audiences and universities using IPCC AR4 results, some are listed below. I get too many request to be able to do them all myself so I have also given my slides to my graduate students and postdoctoral fellows and they have given scores of other talks to community groups.

Earlier this year I acted as Al Gore's Science Advisor in Montreal for his Canadian Training session of people who will give presentations in their communities. I assisted in answering questions from the audience. I have worked very closely with the Province of British Columbia that has now introduced many innovative climate mitigation and adaptation policies. I have testified before parliamentary committees three times in the last year on IPCC results.

Most importantly, I have written a book for the General Public that is entitled: Keeping our Cool: Canada in a Warming World. It will be shipped to stores on August 15; available to purchase on August 12 and the book launch will be September 8. I draw very heavily from IPCC work here. It is aimed at the general public with a Canadian Focus.

TALKS: "The science and politics of climate change"

- January, 2007, Lambrick Park Secondary School, Victoria, B.C.
- January, 2007, Climate, Energy & Society Public Lecture Series, University of Victoria
- March, 2007, Probus Club of Saanich Peninsula, Glen Meadows Golf & Country Club, Victoria, BC.
- March, 2007, Mount Douglas Secondary School, Victoria, British Columbia
- March, 2007, Bonnycastle Distinguished lecture series, University of Winnipeg
- May, 2007, Dover Bay Secondary School, Nanaimo, B.C.
- April, 2008, Sustainable Living Conference, Oak Bay High School "The oceans in a warming world"
- February, 2007, Royal Society of Canada/University of Victoria public forum: Are we killing the world's oceans? University of Victoria "The science of global warming"
- April, 2007, Cabinet Committee for Climate Action, Premier's Vancouver Office Vancouver, British Columbia
- June, 2007, Strategic & Corporate Policy Division, BC Ministry of Finance, Westin Hotel at Bear Mountain
- February, 2008, Frances Kelsey Secondary School, Mill Bay, British Columbia
- February, 2008, Gulf Island Secondary, Salt Spring Island, British Columbia
- June, 2008, A Climate for Change: Challenges, Actions and Opportunities Moving to a Smaller Footprint. Vancouver Board of Trade, The Fairmont Hotel Vancouver, Vancouver, BC.
- June, 2008, Climate Change in our Community, Pacific Biological Station Centennial, Port Theatre, Nanaimo. "Relax, technology will save us: Myths, realities and the drawing board"
- Panel discussion, June, 2007, A Climate for Change: A Smaller Footprint, A Healthier Planet Conference, Vancouver Board of Trade, Hyatt, Vancouver, BC. "Global warming and emissions reduction targets"

- November, 2007, Take the Lead BC Climate Change and British Columbia conference, Hyatt Regency Hotel, Vancouver, B.C. “British Columbia in a Warming World”
- February, 2008, Fraser Basin Council, Best Western Richmond Inn, Richmond, B.C.
- February, 2008, Higher Learning Symposium, Wosk Centre for dialogue, Vancouver, B.C. “Global warming: The scale of the problem and the path to the solution.”
- May, 2008, Canadian Institute for Forestry, Public Lecture, University of Victoria
- May, 2008, Federation of Post-Secondary Educators of BC, 2008 Convention & AGM, Telus Conference Centre, Whistler, B.C.
- June, 2008, The Hong Kong University of Science and Technology
- June, 2008, Canadian Water Network, Delta Victoria Ocean Pointe Hotel & Resort

RICHARD WOOD

The AR4 forms my definition of the current baseline of knowledge on climate change, and it has become integrated into many of my day to day scientific activities. So I use material from AR4 as a key input to other more specialised reports (e.g. a piece on MOC for the new UK Climate Impacts Programme report), as well as the authoritative source of information for presentation to the media (maybe 15-20 individual contacts per year on a range of topics, plus countless times when I have been able to refer our communications staff to AR4 for information in response to queries). From time to time I brief UK politicians and senior civil servants on aspects of climate change, invariably including AR4 material (5 or 6 occurrences per year). I give about 2 talks per year to schools and other general audiences, in which I now use AR4 material. I made formal presentations on parts of the AR4 at a Royal Society discussion meeting in London, and at WMO Congress in Geneva.

ZONG-CI ZHAO

Since the AR4 I have given several presentations on IPCC WG1 AR4 and climate change and water (AR4 TPW) at Annual Conference 2008 of National Climate Center (China), Forum of Climate Resources Center (China), Seminar of Meteorological Administration of Liaoning Province (China), Forum on Climate Change and Science & Technology Innovation (International), IPCC AR4 Outreach Event in Beijing, Annual Conference 2007 of China Meteorological Society, and Annual Conference 2008 of China Meteorological Society.

Since the AR4, I have published several papers that introduce the findings of IPCC WG1 AR4 in Chinese. One of my graduate students investigates the simulations and projections of wind change in China for the 20th and 21st centuries by using IPCC AR4 AOGCMs. We prepare to publish papers soon.