

## Emerging scientific findings and ongoing dialogue with the research community

The COP 16, Friday 3 December 2010, at 11.30-13.00 in Cancun Messe (Room Monarca)

**Lunch will be provided**

Welcoming Remarks

**Prof. Anand Pathwardhan (TBC)**

*Professour at Indian Institute of Technology-Bombay  
Co-chair of the Scientific Steering Committee for the Global Carbon Project*

**David Warrilow**

*Head of Science Policy on Climate Change at  
UK Department of Energy and Climate Change (DECC)*



Scientific updates on current emissions and sinks of greenhouse gases and emissions path until 2050.

***Dr Richard Houghton, Deputy Director, Senior Scientist at the Woods Hole Research Center***

Scientific updates on the socio-economic impacts of climate change with respect to food security and food systems.

***Prof. Diana Liverman, Co-Director, Institute of the Environment, University of Arizona and Chair of the Global Environmental Change and Food Systems Project***

Scientific updates on the socio-economic impacts of climate change with respect to human health.

***Dr Kristie Ebi Executive Director of the Technical Support Unit for Working Group II***



DIVERSITAS IGBP IHDP WCRP

**Anand Pathwardhan** is a professor in the Shailesh J Mehta School of Management at the Indian Institute of Technology-Bombay. He served as the Head of the School from 2003-2004, and as Executive Director of the Technology Information, Forecasting and Assessment Council (TIFAC), in the Ministry of Science & Technology, Government of India from 2004-2008. Anand has a BTech (Electrical Engineering) from IIT-Bombay and a MS (Environmental Science & Engineering) and PhD (Engineering and Public Policy), both from Carnegie Mellon University. Anand works in the broad area of environment - climate studies, focusing on the assessment of vulnerability and adaptation to climate change, and on the diffusion and adoption of clean technology. He has been a member of the Scientific and Technical Advisory Panel (STAP) of the Global Environment Facility (GEF); and a coordinating lead author for the Fourth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC). Anand is currently co-chair of the Scientific Steering Committee for the Global Carbon Project, and is a member of a core consultative group on climate change for the Indian government.

**David Warrilow** is head of Science Policy on Climate Change at the UK 's Department for the Environment, Food and Rural Affairs - Defra. He is responsible for ensuring that the UK Government receives sound scientific advice on climate change with regard to both its domestic activities and international negotiations. He heads the UK 's delegation to the IPCC and also leads on the technical matters covered by the Subsidiary Body on Science and Technology of the Climate Change Convention. He is also responsible for managing a £15 million research programme which provides policy relevant scientific advice. His own scientific background covers climate modeling, land-surface processes and hydrology.

**Richard Houghton**, Deputy Director of the Woods Hole Research Center, is an ecologist with interests in the role that terrestrial ecosystems play in climate change and the global carbon cycle. He co-ordinates the Center's efforts to understand the problems of global warming and climate change, especially the role biotic systems play in this accelerating process. His area of expertise has been documentation of changes in land use and determination of historic and current sources and sinks of carbon resulting directly from human activity. Dr. Houghton has held positions as Assistant Scientist at the Ecosystems Center of the Marine Biological Laboratory and as Research Associate at Brookhaven National Laboratory. He earned his doctorate in ecology from SUNY at Stony Brook.

**Diana Liverman** is the co-director of the Institute of the Environment at The University of Arizona and a professor in the UA School of Geography and Development. She is also affiliated with Oxford University where she is a visiting professor of Environmental Policy and Development in the School of Geography and Environment, a fellow of Linacre College, and a fellow in the Environmental Change Institute. Her main research interests focus on climate impacts, vulnerability and adaptation, and climate policy and mitigation, especially in the developing world. In 2010 she was awarded the Founders Gold medal of the Royal Geographical Society for her contributions to understanding the human dimensions of environmental change. Recent publications include work on carbon offsets, food security, and climate adaptation and the 4<sup>th</sup> edition of her coauthored textbook on World Regions in Global Context. She has been an active member of national and international advisory committees on global change including the US NAS Committee on the Human Dimensions of Global Environmental Change and the Inter American Institute (IAI) for Global Change Research. Currently she is a member of the National Academy of Sciences Committee on America's Climate Choices which is advising the US government on responses to climate change and chaired the panel on Informing Climate Decisions. She is the chair of the scientific advisory committee international Global Environmental Change and Food Systems (GECAFS) program and editor of the Annual Review of Environment and Resources.

**For further information, please contact dr. Ada Ignaciuk, ESSP Science Officer**

c/o DIVERSITAS Muséum National d'Histoire Naturelle • 57 rue Cuvier - CP 4175231 Paris Cedex 05 France • Tel: +33 1 4079 8042 • Email: [Ada.Ignaciuk@essp.org](mailto:Ada.Ignaciuk@essp.org) • Website: [www.essp.org](http://www.essp.org)



DIVERSITAS IGBP IHDP WCRP

**Kristie L. Ebi** is Executive Director of the Technical Support Unit for Working Group II (Impacts, Adaptation, and Vulnerability) of the Intergovernmental Panel on Climate Change (IPCC). Prior to this position, she was an independent consultant. She has been conducting research on the impacts of and adaptation to climate change for more than a dozen years, including on extreme events, thermal stress, foodborne safety and security, and vectorborne diseases. She has worked with the World Health Organization, the United Nations Development Programme, USAID, and others on implementing adaptation measures in low-income countries. She facilitated adaptation assessments for the health sector for the states of Maryland and Alaska. She was a lead author on the “Human Health” chapter of the IPCC Fourth Assessment Report, and the “Human Health” chapter for the U.S. Synthesis and Assessment Product “Analyses of the Effects of Global Change on Human Health and Welfare and Human Systems.” She has edited four books on aspects of climate change and has more than 80 publications. Dr. Ebi’s scientific training includes an M.S. in toxicology and a Ph.D. and a Masters of Public Health in epidemiology, and two years of postgraduate research at the London School of Hygiene and Tropical Medicine.

**For further information, please contact dr. Ada Ignaciuk, ESSP Science Officer**

c/o DIVERSITAS Muséum National d'Histoire Naturelle • 57 rue Cuvier - CP 4175231 Paris Cedex 05 France • Tel: +33 1 4079 8042 • Email: [Ada.Ignaciuk@essp.org](mailto:Ada.Ignaciuk@essp.org) • Website: [www.essp.org](http://www.essp.org)