



VULNERABILITY OF CARBON IN TROPICAL PEATLANDS

23-26 January 2006, Sumatra, Indonesia

The first workshop of a series will take place in Sumatra in January 2006. Over 40 scientists from all over the world working on tropical peatlands will start a synthesis and modelling project to assess the likely trajectories of carbon emissions from tropical peatlands due to land use change and warming. A second component of the activity will develop strategies for increased resilience and sustainability of tropical peatlands. The activity is conducted under a partnership between the GCP, the Global Environment Centre (Malaysia), and CIFOR (Indonesia). The activity is supported by a grant from the Asia Pacific Network (APN) and funding from the three partner members. Contact: Pep Canadell, Faizal Parish, and Daniel Murdiyarso.

NETWORKS OF COMMUNITY ACTION FOR DECARBONIZING JAPAN

9 February 2006, Tokyo, Japan

In preparation for the Mexico City conference on Carbon Management at Urban and Regional Levels (Sept. 4-8, 2006) and the Beijing meeting on Dynamic Change in Asia-Pacific Carbon Cycle within the Earth System Context (March 13-15, 2006), the GCP will host a networking meeting of researchers, community leaders, and international champions of ozone layer protection. The conference, entitled Creating Networks of Community Action for Realizing a Decarbonized Society in Japan, will be held at the Tokyo offices of NIES. Contact: Penelope Canan

SUSTAINABLE HUMAN SETTLEMENTS

14-26 February 2006, South Africa

Local Governments for Sustainability, together with the University of Cape Town, invite you to a Researchers' Symposium to be held on the 24-25 February 2006 prior to the ICLEI World Congress 2006 in Cape Town, South Africa. This event seeks to attract researchers from a wide range of disciplines involved in empirical and applied research in the field of Sustainable Human Settlements and their governance.

Symposium Website: www.iclei.org/worldcongress2006/researcher

ASIA-PACIFIC TERRESTRIAL CARBON SINK DYNAMICS IN A GLOBAL CONTEXT

13-15 March 2006, Beijing, China

As the major inaugural regional effort of the new GCP Affiliated Office in Beijing a workshop on the Asia Pacific terrestrial sink dynamics will take place in Beijing. The goals of the workshop are to produce: i) a synthesis publication on the dynamics of Asian-Pacific terrestrial carbon sink and research directions; and ii) a collaborative research program on the dynamic regional carbon budget through synthesis of multi-scale observational data and mechanistic modeling. Contact: Mingkui Cao

Website: <http://www.cern.ac.cn/12lj/caomingkui/gcpindex.htm>

VULNERABILITY OF FROZEN CARBON

28-30 March 2006, Santa Barbara, California, USA

A workshop series to undertake a synthesis and modeling exercise on the future carbon dynamics of frozen soil will start in 28-30 March 2006 at the National Center of Analyses and Ecological Synthesis (NCEAS) in Santa Barbara, CA, USA. This activity is conducted under a partnership between the GCP, the International Permafrost Association (IPA), and the WCRP-Climate and the Cryosphere project (CliC). The activity is supported by grants from NCEAS and ICSU. Contact: Chris Field, Pep Canadell

CLIMATE VARIABILITY AND THE CARBON CYCLE (Past, Present and Future)

CL044-EuroCLIMATE open session in European Geosciences Union (EGU)

2-7 April 2006, Vienna, Austria

EuroCLIMATE is an ESF-EUROCORES programme that calls for basic research addressing climate variability and the carbon cycle (past, present and future), and in particular their interrelationship, in a European framework. It is supported particularly by research funding agencies from Austria, Belgium, Bulgaria, Denmark, Finland, France, Germany, The Netherlands, Spain, and Sweden, and by the European Science Foundation. Multi-proxy reconstructions from all available archives bring the marine,

the terrestrial and the ice-core communities together on cross-cutting issues, such as obtaining a common timeframe, and will allow coupled climate models used for global warming scenarios to be validated on European and regional scales. In this session, we invite contributions to those themes.

Conference Website: <http://meetings.copernicus.org/egu2006>

CARBON FUSION: DATA ASSIMILATION IN TERRESTRIAL CARBON CYCLE SCIENCE

9-11 May 2006, United Kingdom

This is an international collaborative effort to bring together researchers to determine how data assimilation can generate improved insights into the processes underlying the terrestrial C cycle, and the enhancement of the prognostic capabilities. Carbon Fusion is funded by the UK-NERC with CTD, CLASSIC, DARK, and QUEST. First meeting will take place 9-11 May 2006, in the UK. Contact: Mathew Williams and Shaun Quegan

Project Website: <http://www.carbonfusion.org/>

VULNERABILITY OF THE CARBON CYCLE TO DROUGHT AND FIRE

5-9 June 2006, Canberra, Australia

Initial results show that recent climate trends and higher intra- and inter-annual variability with more frequent hot and dry summers may have increased the amplitude of the seasonal cycle of CO₂ and decreased the strength of the terrestrial carbon sink. A first workshop to explore this issue will take place in Canberra, Australia, 5-9 June 2006. The workshop is co-sponsored by ARC-NESS, and IGBP-AIMS. Contact: Mike Raupach, Pep Canadell

MODEL-DATA FUSION: APPLICATIONS TO CARBON-CLIMATE-HUMAN SYSTEMS

9-12 July, Vermont, USA

Conference homepage: <http://www.iemss.org/iemss2006/welcome.html>

Contact: Georgii Alexandrov g.alexandrov@nies.go.jp

INTERNATIONAL CONFERENCE ON REGIONAL CARBON BUDGETS

16-18 August 2006, Beijing, China

Sponsored Conference. The purpose of this conference is to bring together scientists from different disciplines to communicate the most recent results pertinent to the regional carbon budgets. Topics will include observations and measurements, ecosystem carbon processes and driving forces, modeling and data assimilation, carbon budgets: sources, sinks and inventories, and mitigation and adaptation.

Conference Website: <http://www.icrcb.org.cn/>

6th SSC MEETING OF THE GLOBAL CARBON PROJECT

31 August – 2 September 2006

Mexico City

The meeting will include a short session to interact with the newly established National Carbon Cycle Program in Mexico, and followed by the URCM conference in the same location.

URBAN AND REGIONAL CARBON MANAGEMENT AT LOCAL AND REGIONAL LEVELS

Connecting Development Decisions to Global Issues. Open Science Conference

4-8 September 2006, Mexico City, Mexico

This will be the conference to launch the Urban and Regional Carbon Management (URCM) flagship of the GCP (Theme 3). The conference is co-sponsored by: Urbanization and Global Environmental Change, Industrial Transformations, Global Land Project, Analyses, Integrations and Modeling of the Earth System, START, Metropolitan Autonomous University, and the National Institute of Ecology (Mexico). The call for papers will be issued late January 2006.

Contact: Penelope Canan, Paty Romero, Mike Apps

2nd EARTH SYSTEM SCIENCE PARTNERSHIP (ESSP) OPEN SCIENCE CONFERENCE

Global Environmental Change: Regional Challenges

9-12 November, Beijing, China



The first Global Change Open Science Conference, held in Amsterdam in 2001, was a milestone in the scientific, political and public understanding of this far reaching topic. This conference provides the opportunity for the presentation of advances since the Amsterdam Conference in our understanding of the natural and social systems of global environmental change and to highlight the ESSP approach to study of the Earth System. The GCP has submitted 6 proposals for sessions: South China Sea carbon-Arthur; URCM-Paty; Methodologies for C footprints-Penelope; Regional C budgets-Mingkui; Terrestrial carbon cycle management-Yoshi; Vulnerabilities of the carbon cycle-Pep/Mike
 Conference Website: www.essp.org/essp/ESSP2006/index.html

INTERNATIONAL OCEAN CARBON COORDINATION PROJECT (IOCCP)

A number of the ocean carbon activities for which the GCP provided coordination, in conjunction with the IOC-SCOR CO₂ Panel, have been transferred over the new IOCCP with new sponsorship. The project continues being very successful with the addition of Roger Dargaville as part of the Executive team along with Maria Hood. For more information visit the project website: <http://ioccp.org/>