



Earth System
Science Partnership

The Partnership

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. One outcome of that Conference was the formation of the **Earth System Science Partnership (ESSP)**, a collaboration between

- **DIVERSITAS** - an international programme of biodiversity science
- **IGBP** - the International Geosphere-Biosphere Programme
- **IHDP** - the International Human Dimensions Programme on Global Environmental Change
- **WCRP** - the World Climate Research Programme

Since then the ESSP has created four major interdisciplinary Joint Projects on carbon, food, health and water in the Earth System, and has initiated the first of a series of Integrated Regional Studies.

CONFERENCE OBJECTIVES

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.

Conference Themes

- *The Conference will highlight advances in our understanding of the physical, biogeochemical, biodiversity and human dimensions aspects of global environmental change.*
- *Science in support of sustainability will be featured, with special sessions on global environmental change research relating to food, water, carbon and human health, as reflected in the ESSP Joint Projects.*
- *Special attention will be given to dynamics, impacts and consequences of the interactions between natural and social systems at regional scales, including extreme events, and how they connect with global-scale phenomena.*
- *Research concerning global environmental change in monsoon Asia will also be a particular focus.*

We invite scientists, policy makers, practitioners, scholars, members of the private sector and journalists to participate in this Conference and to submit proposals for sessions and abstracts. Prior to the main Conference, the 2nd International Young Scientists' Global Change Conference (7-8 November 2006) will provide an opportunity for selected young scientists to present and discuss their work.

- **Proposals for sessions may be submitted online October – November 2005 at www.essp.org/essp/ESSP2006/**
- **Abstracts for presentations and posters may be submitted online February – May 2006.**

Global Environmental Change: Regional Challenges

An Earth System Science Partnership Global Environmental Change Open Science Conference

Beijing, China
9-12 November 2006

INTERNATIONAL ORGANISING COMMITTEE

Co-chairs: Qin Dahe, Gordon McBean

Zhisheng An, Guy Brasseur, Pep Canadell,
David Carson, John Church, Eric Craswell,
Congbin Fu, Roland Fuchs, Barbara Göbel,
John Ingram, Christian Körner,
Anne Larigauderie, Peter Lemke, Michel Loreau,
Michael Manton, Tony McMichael, Kevin Noone,
Roberto Sanchez-Rodriguez, Robert Scholes,
Will Steffen, Coleen Vogel

CONFERENCE ORGANISER

China National Climate Committee

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CONFERENCE SECRETARIAT

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If you are unable to access the website, please contact the Conference Secretariat.

General Information

IMPORTANT DATES

- **Call for Sessions:** October – November 2005
- **Registration opens:** October 2005
- **Call for Papers:** February – May 2006
- **Young Scientists' Conference:** 7-8 November 2006
- **Open Science Conference:** 9-12 November 2006

VENUE

Beijing International Convention Centre (BICC) is located about 20 kilometres west of Beijing Airport. Many hotels are to be found within easy walking distance of the BICC. Further information about hotels, obtaining visas and local arrangements will be provided in the second circular and on the website.

WORKING LANGUAGE

English will be the working language of the Conference.

Simultaneous interpretation will not be provided.

2nd International Young Scientists' Global Change Conference

**Beijing, China
7-8 November 2006**

Organised by **START** – a programme for
regional capacity building



Global environmental change is a challenge that will require the attention of generations of scientists. ESSP's System for Analysis Research and Training (START) is organising a two-day Young Scientists' Conference just prior to the ESSP Open Science Conference designed to recognize the achievements of outstanding Young Scientists, to assist in their career development, and to encourage them in networking among themselves and with the senior community of international scientists.

Participants will be invited on the basis of a competitive peer-review process.

Further information will be posted as it becomes available at **www.START.org** and at **www.essp.org/essp/ESSP2006/**.