

A News

IPCC AR5: call for authors

The Intergovernmental Panel on Climate Change (IPCC) has begun work on its Fifth Assessment Report (AR5) and is seeking experts who will act as Coordinating Lead Authors, Lead Authors or Review Editors. As an observer organisation to IPCC, IGBP can nominate experts. Alternatively, nominations can come via governments, through the national focal points. The deadline for nominations is 12 March 2010. Please email Owen Gaffney at the IGBP Secretariat (owen.gaffney@igbp.kva.se) if you would like to suggest names for consideration as authors. Alternatively (or in addition), you may contact your national focal point (email IPCC at IPCC-Sec@wmo.int if you are unsure about who the focal point is).

AR5 will include many topics that IGBP researchers are actively involved in tackling or seek to tackle in the immediate future (see <http://www.ipcc.ch/activities/activities.htm> for more information). For example, among the items in AR5 are aerosols, geoengineering and changes to the cryosphere, all part of the IGBP Synthesis, Integration and Exploration activity.

In November 2009, IGBP and IPCC held a joint workshop in Brazil to discuss adaptation in developing countries. At that meeting, IPCC reiterated its desire to have more representation from developing countries.

IGBP at COP15

IGBP held a number of high-profile events at the UN climate talks in Copenhagen including side events on the need for an international assessment of the global nitrogen cycle, and on adaptation to climate change. IGBP held a press conference to launch its climate-change index, which was also exhibited at the Climate Kiosk. IGBP managed an informational booth with IHDP; the booth had a steady stream of visitors throughout the conference.

Global Change Facebook launched

IGBP has taken the lead in creating a Facebook page on Global Change to facilitate the exchange of news, ideas and thoughts. The page can be accessed at <http://www.facebook.com/#/pages/Global-change-research/293589173318?ref=ts>. We encourage the IGBP community to visit this page and provide us with feedback.

Ecosystem Services for Poverty Alleviation programme

The UK's main funders of environmental research, including the Natural Environment Research Council (NERC) and the Department for International Development (DFID), have launched a 7-year

programme aimed at exploring ecosystem services, their value and their links to sustainable poverty reduction. This knowledge is expected to help policymakers in better managing ecosystems. The deadline for submitting proposals for funding is 3 March 2010. Further information can be found at

<http://www.nerc.ac.uk/research/programmes/espa/events/ao4.asp>

Call for bids to host the third symposium on the ocean in a high-CO₂ world

The Scientific Committee on Oceanic Research, Intergovernmental Oceanographic Commission of UNESCO, and International Geosphere-Biosphere Programme are planning a third symposium on The Ocean in a High-CO₂ World, to take place in 2012. The three-day symposium will focus on ocean acidification and its impacts on marine organisms, ecosystems and biogeochemical cycles. It will also cover socio-economic consequences of ocean acidification, including policy and management implications. Click [here](#) for more information

Are drylands overlooked in Earth-system research?

A recent [paper in Science](#) by Eyal Rotenberg and Dan Yakir (who is an IGBP SC member) reports about a dryland forest in Israel that takes up carbon at rates similar to those of pine forests in continental Europe. In a related [Perspectives piece](#) in the same journal, AIMES co-chair Dave Schimel discusses how the findings run counter to conventional wisdom.

Earth-system science visioning: International consultation

The International Council for Science (ICSU) is inviting organisations and individuals for their input on the challenges in global sustainability research for the next decade, via an online [consultation](#). Deadline: **21 February 2010**. ICSU is IGBP's parent organisation.

State of the World report of the World Watch Institute now available

The World Watch Institute has launched its 2010 report on the State of the World. The theme this year is 'Transforming Cultures: From Consumerism to Sustainability?'. Click [here](#) for details.

Online survey for the RESCUE project

The RESCUE project, 'Responses to Environmental and Societal Challenges for our Unstable Earth' (<http://www.esf.org/rescue/>),

needs to hear from those in the research and policy community who are involved with global-change modeling and data. A survey developed for this purpose can be completed online at <http://www.tias.uos.de/rescue.php>.

The multi-/trans-/inter-disciplinary project, which is funded by the European Science Foundation (ESF) and the intergovernmental initiative for European Cooperation in Science and Technology (COST), is contributing to the development of an integrated response to global environmental change from natural, social and human sciences.

New executive director at IHDP

Dr Anantha Duraiappah, an expert in economics, was recently appointed the Executive Director of the International Human Dimensions Programme on Global Environmental Change. Dr Duraiappah comes to IHDP from the United Nations Environment Programme.

B Project Updates

iLEAPS ? integrated Land Ecosystem-Atmosphere Processes Study

A recent article in *Biogeosciences*, authored by SSC member Almut Arneth and colleagues, reviews the emissions of non-CO₂ trace gases (such as methane and nitrous oxide) from land and recent developments in Dynamic Global Vegetation Modelling of processes governing these emissions. Click [here](#) to view the abstract on the journal's website.

LOICZ - Land-Ocean Interactions in the Coastal Zone

The new LOICZ Regional Node South Asia was officially opened on 7 Dec 2009. Read about the official opening ceremony [here](#). The website for the node is now online (<http://www.loiczsouthasia.org/>).

The project is co-sponsoring a session (BG3.1) on the Biogeochemistry of coastal seas and continental shelves at the European Geosciences Union (EGU) general assembly in Vienna that runs from 2-7 May 2010. The session aims at fostering our understanding of the roles of coastal environments and of exchange processes along the terrestrial/coastal sea/open ocean continuum in global biogeochemical cycles. Click [here](#) for details.

PAGES ? Past Global Changes

Carolin Arndt assumed her responsibilities as the Project and Communications Officer on 1 February. She takes over from Leah Witton. Carolin has previously worked with the World Climate Research

Programme (WCRP) and the Intergovernmental Panel on Climate Change (IPCC).

C. IGBP-related meetings

European Geosciences Union General Assembly, 2-7 May 2010, Austria, Vienna. <http://meetings.copernicus.org/egu2010/>
CACGP-IGAC summer science meeting, 'Atmospheric chemistry challenging the future?'. 11 July-16 July 2010, Halifax, Nova Scotia, Canada. The abstract deadline is March 15 2010.

<http://www.icacgp-igac-2010.ca/index.html>

5th International Nitrogen Conference, 3-7 December 2010, New Delhi, India. Registration deadline 31 August 2010.

www.n2010.org

First workshop of the PAGES Varves Working Group, 7-9 April 2010,

Lne-Virumaa, Estonia. <http://www.pages-igbp.org/science/varves/varves2010.html>

Sedimentary nitrogen isotopes: surface sediment distribution and records of Quaternary variability, 14-16 May 2010, Montreal, Canada. <http://www.pages-igbp.org/cgi-bin/WebObjects/calendar.woa/wa/calendar?id=345>

The abstract submission deadline for the GLP Open Science Meeting 2010 ("Land Systems, Global Change and Sustainability"; www.glp2010.org) has been extended from 31 January to 15 April. The deadline for early bird registrations is now 15 June 2010. Participants from China can access details about this event from the Beijing Nodal Office webpage (<http://www.cern.ac.cn/12lj/glp/>) to find out how to proceed.

Further details regarding the IMBER Imbizo II, to be held in Crete (Greece) from 10-14 October 2010, can be found at the following website: <http://imbizo-2010.confmanager.com>

Ocean Sciences Meeting 2010, 22-26 February 2010, Portland, Oregon, USA. <http://www.agu.org/meetings/os10/index.php>

IHDP SC meeting, 19-19 April 2010, Bonn, Germany

'Securing food security in the face of climate change?', 4 May 2010, Nairobi, Kenya. This conference will launch the Challenge Programme on Climate Change, Agriculture and Food Security, co-sponsored by the Consultative Group on International Agricultural Research (CGIAR) and the Earth System Science Partnership (ESSP).

GLOBEC summary for decision makers, 8-9 March, Paris, France
SOLAS SSC, 26-28 April, Lbeck, Germany.

IMBER SSC, 5-7 May, Washington, DC, USA.

SCOR General Meeting, 14-16 September, Toulouse, France.

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