People

Peter Liss, Past Chair of the SOLAS Scientific Steering Committee (2001-2007) and former Chair of the Scientific Committee for the IGBP (1993-1997), formally received the Commander of the Order of the British Empire (CBE) from Prince Charles in March 2009. Peter was elected Fellow of the Royal Society in May 2008, and in June was on the Queen’s birthday list of honours to receive the CBE for his services to science.

New Director of Communications at the IGBP Secretariat

In May Owen Gaffney joins IGBP as director of communications. Currently he is head of publications at the Natural Environment Research Council. NERC is the UK’s largest funder of environmental science and makes substantial contributions to IGBP, largely through the SOLAS and GLOBEC programmes.

His background is in journalism and science writing. In what he feels is the dim and distant past he earned a degree in Aeronautic and Astronautic Engineering so when people ask if he is a scientist, he can truthfully say that he has a degree in rocket science. But it is not quite the same thing: it’s engineering really.

For over ten years he has worked as a journalist, science writer and broadcaster. Within NERC he was the editor of the award-winning magazine Planet Earth and he recently launched the news site, Planet Earth online, www.planetearth.nerc.ac.uk. He has written for the BBC’s Focus magazine and the American journal Science. He still occasionally writes for the Irish daily newspaper, the Irish Examiner.

He is very much looking forward to joining IGBP and moving to Stockholm. As environmental change continues to rise up the international agenda, the coming few years promise to be an interesting and important time for this area of science and for IGBP.

E-mail: owen.gaffney@igbp.kva.se

New Executive Officer at IMBER

Lisa Maddison will take up the position of executive officer of IMBER at the end of April. She succeeds Sylvie Roy who has returned to Ottawa in Canada.

Lisa’s background is in marine biology. She worked for several years as a researcher in the Marine Biology Research Institute at the University of Cape Town, and was involved with several projects relating to ecological processes and interactions and the sustainable utilization of intertidal resources. She has also worked as an environmental consultant. She writes: “One of the most exciting programmes that I worked on was the development of the Coastal Management Policy for South Africa. It was one of the first policy formulation processes that took into consideration the issues and values of the majority of South Africans. It was a wonderful process to be involved in, and the Integrated Coastal Management Act that culminated from the process is a really great piece of legislation.”

She enjoys kayaking and cycling and is looking forward to doing both of these activities in Brest, on the Brittany coast of France, where the IMBER Core Project Office is located.

E-mail: lisa.maddison@univ-brest.fr

Pakistan NC translates the IGBP Science Plan into Urdu

Assistant professor Ghazala Nasim of Punjab University, Director Professor Dr. Rukhsana Bajwa, and Dr. Amir Mohammed, Rector of FAST National University of Computer and Emerging Sciences, have now completed a translation of the IGBP Science Plan (Report 55) into Urdu, the Pakistani national language.

In translating IGBP titles the authors provide detailed information to the Pakistani scientific community on global change in general and the changing conditions in Pakistan in particular. The publication is also
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designed to help graduate and post-graduate students in the departments of environmental and other relevant sciences.

The announcement in the Punjab University Newsletter (Dec. 08) suggests that “we in Pakistan, categorizing our priorities, should award global environmental change a more central place in human affairs; thrust our science into the unfamiliar and uncomfortable role of a major player in a heated and potentially divisive international debate about the nature and severity of global change and its implications for ways of life.”

The report is dedicated to Waheeda Sultana (70 years old, shown in picture), mother of Ghazala Nazim, the lead translator. She had learned to use a laptop in order to type the IGBP manuscripts in Urdu.

The Urdu translation by the Punjab University Press is available at: http://www.igbp.net/page.php?pid=222

ICSU’s former Executive Director chairs CGIAR Challenge Program

Thomas Rosswall, the former director and founder of IGBP, now chairs the Steering Committee of the CGIAR Challenge Programme “Climate Change, Agriculture and Food Security” a major collaborative endeavour between the Consultative Group on International Agriculture Research (CGIAR) and their partners, and the Earth System Science Partnership (ESSP). The first meeting of the Steering Committee was held 29-30 April at ICSU in Paris.

Here he chats with Deliang Chen, his successor as Executive Director at ICSU.

New members

IGBP Scientific Committees 2009 – 2011

Many new three-year terms started in January 2009: some members are new, and others have renewed their terms for another three years. We are pleased to welcome them all to the IGBP community, and thank them for the commitment they are willing to assume.

First, the Scientific Committee for the IGBP (SC-IGBP), the leading body for the programme, elected two new members and renewed four terms that begin this year. The SC-IGBP members are appointed by the International Council for Science (ICSU), our governing body.

IGBP Scientific Committee

Appointments renewed:

**Chair: Carlos Nobre**
Biosphere-atmosphere interactions, earth system science
Centro de Previsão de Tempo e Estudos Climáticos, Instituto Nacional de Pesquisas Espaciais Brazil

**Vice Chair: Olga Solomina**
Palaeoclimatology
Institute of Geography, Russian Academy of Sciences, Russia

**Member: Henry Jacoby**
Environmental economics
Joint Programme, Global Change, Massachusetts Institute of Technology, USA

New appointment:

**Vice-Chair: Chen-Tung Arthur Chen**
Chemical oceanography, biogeochemistry
SSC Member since 2008, Institute of Marine Geology and Chemistry, National Sun Yat-sen University, Taiwan

New SC Members:

**Christiane Lancelot**
Marine sciences, ocean-atmosphere interaction
Université Libre de Bruxelles, Belgium

**Jan Willem Erisman**
Atmospheric sciences, linking GEC science to policy
Energy Research Centre of The Netherlands
IGBP Core Projects

The Scientific Steering Committees (SSC) guide each Core Project. The members of these committees are appointed by the IGBP Officers (Executive group of the SC-IGBP) and the Chairs and Co-chairs are members of the SC-IGBP.

AIMES – Analysis, Integration and Modelling of the Earth System

New SSC Member:
Peter Cox
Climate system dynamics, modelling land-atmosphere interactions
School of Engineering Computing and Mathematics, Exeter University. United Kingdom

GLP – Global Land Project

Appointment renewed:
Chair: Anette Reenberg
Ecological cultural geography
Department of Geography, Geocenter Copenhagen, University of Copenhagen, Denmark

IGAC – International Global Atmospheric Chemistry

Co-Chair: Tong Zhu
Environmental chemistry, air-surface exchange of mass and energy
Cheung Kong Scholar Programme, Centre for Environmental Sciences, Peking University, China

New SSC Members:
Olga Mayol-Bracero
Analytical chemistry, atmospheric aerosols
Institute for Tropical Ecosystem Studies, University of Puerto Rico
Karla Longo
Atmospheric science, environmental model development
Space and Atmospheric Science Center, National Institute for Space Research–INPE, São José dos Campos, Brazil

Kobus Pienaar
Atmospheric chemistry, environmental management
Faculty of Natural Science, North-West University, Potchefstroom Campus, South Africa

iLEAPS – Integrated Land Ecosystem-Atmosphere Processes Study

New SSC Members:
Nobuko Saigusa
Boundary-layer meteorology, land-atmosphere interactions
National Institute for Environmental Studies, Tsukuba, Japan
Sonia Seneviratne
Land-climate interactions
Swiss Federal Institute of Technology (ETH), Zurich, Switzerland

IMBER – Integrated Marine Biogeochemistry and Ecosystem Research

New SSC Members:
Ken Drinkwater
Physical oceanography/marine ecosystem focus
Institute of Marine Research, Bergen, Norway
Eugene Murphy
Ecosystem modelling
British Antarctic Survey, Cambridge, United Kingdom
Hiroshi Ogawa
Marine biogeochemistry
Department of Chemical Oceanography, Ocean Research Institute, University of Tokyo
Katja Philippart
Marine ecology
Department of Marine Ecology and Evolution, Royal Netherlands Institute for Sea Research, Netherlands
Alberto Piola
Physical oceanography
Servicio de Hidrografía Naval, Dept of Oceanography, Buenos Aires, Argentina
Sinjae Yoo
Biological oceanography
Marine Ecosystem Dynamics Laboratory, Korea Ocean Research and Development Institute, Republic of Korea.
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LOICZ - Land-Ocean Interactions in the Coastal Zone

**New Chair: Alice Newton**
*Biological and chemical oceanography*
University of Algarve, Faro, Portugal

**New SSC members:**
**Zhongyuan Chen**
*Geomorphology*
State Key Laboratory for Estuarine and Coastal Research, East China Normal University, Shanghai

**Antonio Diegues**
*Anthropology*
Research Center on Human Population and Environment, Universidade de Sao Paulo, Brazil

**Remigius Laane**
*Marine biogeochemistry*
Deltares, Marine and Coastal Systems Division, Delft, The Netherlands

**Masumi Yamamuro**
*Marine geology, biogeochemistry*
Department of Natural Environmental Studies, Graduate School of Frontier Sciences, University of Tokyo, Japan

PAGES – Past Global Changes

**Co-Chair: Bette Otto-Bliesner**
*Palaeoclimate modelling*
Climate and Global Dynamics Division, NCAR, USA

**New SSC Members:**
**Fatima Abrantes**
*Paleoceanography*
Marine Geology Dept., INETI, Portugal

**Steven Colman**
*Geomorphology, limnogeology*
Large Lakes Observatory & Dept. Geological Sciences, University of Minnesota Duluth, USA

SOLAS – Surface Ocean-Lower Atmosphere Study

**New SSC Members:**
**Minhan Dai**
*Marine biogeochemistry*
College of Oceanography & Environmental Science, Xiamen University, China

Cecile Guieu
*Hydrology, biogeochemistry*
Laboratoire d’Océanographie de Villefranche, Villefranche-sur-Mer, France

Patricia Quinn
*Chemistry, atmospheric aerosols on climate and air quality*
National Oceanic and Atmospheric Administration, Pacific Marine Environmental Laboratory, Seattle, United States

Rafel Simó
*Marine biogeochemistry, chemical oceanography*
Institut de Ciències del Mar, Barcelona, Spain

Products

**Just published March 2009**


The book is the result of collaboration between the Joint Global Flux Study (JGOFS) and Land-Ocean Interactions in the Coastal Zone (LOICZ) projects through the Continental Margins Task Team (CMTT) and is written by 188 contributors.

IGBP scientists get a 10% discount. To order books at 10% discount, please send your order to Maurer@Springer.de Please note that the subject line should read: “IGBP series 10% discount”. See also: http://www.springer.com/earth+sciences/oceanography/book/978-3-540-92734-1
The International Geosphere-Biosphere Programme

IGBP is an international scientific research programme built on inter-disciplinarity, networking and integration. The vision of IGBP is to provide scientific knowledge to improve the sustainability of the living Earth. IGBP studies the interactions between biological, chemical and physical processes and human systems, and collaborates with other programmes to develop and impart the understanding necessary to respond to global change. IGBP research is organised around the compartments of the Earth System, the interfaces between these compartments, and integration across these compartments and through time.

IGBP helps to

- develop common international frameworks for collaborative research based on agreed agendas
- form research networks to tackle focused scientific questions and promote standard methods
- guide and facilitate construction of global databases
- undertake model inter-comparisons
- facilitate efficient resource allocation
- undertake analysis, synthesis and integration of broad Earth System themes

IGBP produces

- data, models, research tools
- refereed scientific literature, often as special journal editions, books, or overview and synthesis papers
- syntheses of new understanding on Earth System Science and global sustainability
- policy-relevant information in easily accessible formats

Earth System Science

IGBP works in close collaboration with the International Human Dimensions Programme on Global Environmental Change (IHDP), the World Climate Research Programme (WCRP), and DIVERSITAS, an international programme of biodiversity science. These four international programmes have formed the Earth System Science Partnership (ESSP). The International Council for Science (ICSU) is the common scientific sponsor of the four international global change programmes.

Participate

IGBP welcomes participation in its activities – especially programme or project open meetings (see meetings list on website). To find out more about IGBP and its research networks and integration activities, or to become involved, visit our website (www.igbp.net) or those of our projects, or contact an International Project Office or one of our 74 National Committees.

Contributions

The Global Change Newsletter primarily publishes articles reporting science undertaken within the extensive IGBP network. However, articles reporting interesting and relevant science undertaken outside the network may also be published. Science Features should balance solid scientific content with appeal to a broad global change research and policy readership. Articles should be between 800 and 1500 words in length, and be accompanied by two or three figures or photographs. Articles submitted for publication are reviewed before acceptance for publication. Items for the IGBP Network News may include letters to the editor, short announcements such as new relevant web sites or collaborative ventures, and meeting or field campaign reports. These items should not exceed 250 words.

Photographs should be provided as TIFF or high resolution JPG files; minimum of 300 dpi. Other images (graphs, diagrams, maps and logos) should be provided as vector-based EPS files to allow editorial improvements at the IGBP Secretariat. All figures should be original and unpublished, or be accompanied by written permission for re-use from the original publishers.

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