

GLOBEC International is in its Integration and Synthesis phase. To facilitate communication during this crucial stage we will produce electronic programme updates to keep you informed on the breadth of GLOBEC's activities. We intend to distribute these updates every three months, if you would prefer not to receive the newsletter and other news from GLOBEC please reply to this message with "unsubscribe GLOBEC e-news" in the subject line. If you would like others to be subscribed please forward this message and ask them to respond with "subscribe GLOBEC e-news" in the subject line. If you would like to make announcements in forthcoming updates please contact Dawn Ashby (daas@pml.ac.uk). We hope you will find the information useful. Feedback is always appreciated.

News from the GLOBEC IPO

GLOBEC International Newsletter

The April issue of the GLOBEC International Newsletter is available to download from the GLOBEC website at:

<http://www.globec.org/products/newsletter/news14.1.pdf>

If you would like to submit an article to the next issue of the GLOBEC International Newsletter please send contributions to Dawn Ashby (d.ashby@pml.ac.uk) by 1 September 2008. For further details of formats required see:

<http://www.globec.org/products/newsletter/announcement.htm>

GLOBEC Third Open Science Meeting

The third GLOBEC Open Science Meeting will be held in Victoria, BC, Canada, 22-26 June 2009. This conference will culminate the integration and synthesis activities of GLOBEC by providing a new mechanistic understanding of the functioning of the marine ecosystem, in order to develop predictive capabilities and propose a framework for the management of marine ecosystems in the era of global change. The conference will comprise workshops/theme session, plenary and poster sessions. The first two days will be devoted to topical workshops proposed by the GLOBEC community, if you would like to propose a session please e-mail the GLOBEC IPO (globec@pml.ac.uk) or see the GLOBEC webpages for further details:

<http://www.globec.org/>

GLOBEC-IMBER Transition Task Team

The GLOBEC-IMBER Transition Task Team was formed to facilitate the transition to a single ocean research projected in the IGBP structure after 2009. The Task Team met in the Reading, UK in July to begin drafting a supplement to the IMBER Science Plan to define additional science to be tackled by IMBER beyond the conclusion of GLOBEC. For further details see the article on page 2 of the GLOBEC Newsletter:

<http://www.globec.org/products/newsletter/news14.1.pdf>

News from the GLOBEC Regional Programmes

CLIOTOP (CLimate Impacts on Oceanic TOP predators)

The presentations from the CLIOTOP symposium held in La Paz in December are available from the GLOBEC website at:

<http://www.globec.org/structure/regional/cliotop/symposium/symposium.htm>

An overview article and personal perspective of the symposium are also available from the GLOBEC International Newsletter (p.59-64)

<http://www.globec.org/products/newsletter/news14.1.pdf>

ESSAS (Ecosystem Studies of Sub-Arctic Seas)

A series of ESSAS workshops is planned for 15-19 September 2008 in Halifax, Nova Scotia. The workshops will include: a follow-up 1 day session on predicting future climates in the

ESSAS regions, a 1 day workshop devoted to presentations and discussions from the Hakodate workshops, a half day session on advective processes and a 1 day workshop on assessing the best approaches to using models for comparing the ESSAS regions and their responses to climate change. An update on recent ESSAS activities is available from page 57 of the GLOBEC Newsletter:

<http://www.globec.org/products/newsletter/news14.1.pdf>

ICES-GLOBEC Cod and Climate Change Programme (CCC)

The CCC project held a workshop on Cod and Future Climate Change 24-26 May 2008 under the chairmanship of Ken Drinkwater (Norway) in Gijon, Spain. A short article on the goals of the workshop is available on page 52 of the GLOBEC International Newsletter:

<http://www.globec.org/products/newsletter/news14.1.pdf>

Two articles by Keith Brander on the CCC programme were published in the last issue of the GLOBEC International Newsletter, "From Cod and Climate Change to the IPCC reports" (p.53-54) and "Cod and Climate Change – a review of some recent studies (p.54-55).

<http://www.globec.org/products/newsletter/news14.1.pdf>

SPACC (Small Pelagics and Climate Change)

A synthesis book of the SPACC programme entitled "Climate change and small pelagic fish" and edited by Dave Checkley, Juergen Alheit, Claude Roy and Yoshioki Oozeki is due to be published in late 2008 by Cambridge University Press. The book includes 16 chapters and has been authored by 88 SPACC scientists. If you are interested in purchasing a copy at a reduced cost please contact the GLOBEC IPO (globec@pml.ac.uk).

News from the GLOBEC Focus Working Groups

Focus 4 (Feedbacks from marine ecosystem changes)

A GLOBEC symposium on "Coping with global change in marine social-ecological systems" was held 8-11 July 2008 at FAO Headquarters in Rome, Italy. The central goals of the symposium were to share experiences across natural and social science disciplines and to identify key next steps and common elements and approaches that promote resilience of marine social-ecological systems in the face of global changes. Presentations and posters from the symposium can be viewed at:

<http://www.globec.org/structure/fwg/focus4/symposium/symposium.htm>

News from the GLOBEC National Programmes

GLOBEC Norway

A meeting of the three GLOBEC Norway projects was held in Ulvik, western Norway in November 2007: For further details see the article on page 11 of the GLOBEC International Newsletter:

<http://www.globec.org/products/newsletter/news14.1.pdf>

US GLOBEC

Two US GLOBEC scientists, Edmundo Casillas and William T. Peterson were among the NOAA employees awarded a Bronze Medal for their contributions in 2007. The Bronze Medal is the highest honour award that can be granted by the Under Secretary of Commerce for Oceans and Atmosphere. For further details see the article on page 18 of the GLOBEC International Newsletter:

<http://www.globec.org/products/newsletter/news14.1.pdf>

Tommy Dickey, one of the original GLOBEC SSC members has been awarded a prestigious Secretary of the Navy and Chief of Naval Operations Chair in oceanographic sciences. For further details see:

<http://www.ia.ucsb.edu/pa/display.aspx?pkey=1824>

Japan-China-Korea

The third Japan-China-Korea joint GLOBEC symposium was held in Hakodate, Japan in December 2007. A special section has been published in the GLOBEC International Newsletter featuring extended abstracts of some of the presentations, for further details see pages 19 to 40 of the newsletter:

<http://www.globec.org/products/newsletter/news14.1.pdf>

Other GLOBEC related meetings and activities

E2E EcoModel Summer School, 11-16 August 2008

The summer school aims at providing participants with an overview of methods, models and approaches for analysing the interactions between marine biogeochemical cycles and end to end food webs studies. It will introduce to participants recent research on the interactions of end to end marine food webs and biogeochemical cycles to better understand and predict changes in marine ecosystems. Plenary lectures will be broadcasted throughout the week live on the internet. Broadcast will begin on Monday 11 August at 9.00 am Eastern European Summer Time. Please visit <http://www.odtuv.metu.edu.tr/program.php> and check the box called CANLI YAYIN on the upper left corner. For further details see:

http://www.imber.info/E2E_EcoModel_home.html

ICES/PICES/GLOBEC Linking herring

The linking herring conference, sponsored by GLOBEC, ICES and PICES and convened by Maurice Clarke, Mark Dickey-Collas and Aril Slotte will be held 26-29 August 2008, in Galway, Ireland. For further details see:

<http://www.linkinherring.com/>

ICES Annual Science Conference

The 2008 ICES Annual Science Conference will be held 22-26 September at the World Trade and Convention Center, Halifax, Nova Scotia, Canada. For further details see:

<http://www.ices.dk/iceswork/asc/2008/index.asp>

SCOR/IAPSO Workshop on Deep Ocean Exchange with the Shelf

This workshop will be held on 6-8 October 2008 in Cape Town, South Africa. The workshop will comprise invited lectures, discussions and poster sessions on theoretical and qualitative aspects of deep ocean exchange with the shelf, including observational tools and modelling. For further details see:

<https://www.confmanager.com/main.cfm?cid=1293&nid=9421>

PICES XVII Annual Meeting

The 17th PICES annual meeting, entitled "Beyond observations to achieving understanding and forecasting in a changing North Pacific: Forward to the FUTURE". Will be held 23 October – 2 November 2008 in Dalian, PR China. For further details see:

<http://www.pices.int/meetings/annual/PICES17/background.aspx>

Joint WGZE/CIESM Workshop

A joint WGZE/CIESM Workshop to compare Zooplankton Ecology and Methodologies between the Mediterranean and the North Atlantic (WKZEM) will be held at the Hellenic Centre for Marine Research, Heraklion, Crete on 27-30 October 2008. For further details see:

http://www.globec.org/calendar/meetings/WKZEM_2008.pdf

IMBER IMBIZO

The IMBER IMBIZO aims to identify key questions for future research on end to end marine food webs and the biogeochemistry, ecosystems and their interactions in both the mesopelagic and bathypelagic ocean. The meeting will take the format of three concurrent and interacting workshops with joint plenary and poster session. It will be held 9-13 November 2008 in Miami, Florida, USA. For further details see:

<http://www.confmanager.com/main.cfm?cid=1185>