ICES CIEM
International Council for the Exploration of the Sea
Conseil International pour l'Exploration de la Mer

# *ICES Annual Science Conference Reykjavik, Iceland, 2013*

**23-27 September 2013**

**Harpa Concert Hall and Conference Center**

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## *Travel Funding Available for New U.S. Participants*

Requests for Travel Funds by new U.S. participants due 15 June 2013
Deadline for submission of abstracts to ICES, 19 April 2013

The International Council for the Exploration of the Sea (ICES) is a leading forum for the promotion, coordination, and dissemination of research on physical, chemical, and biological systems in the North Atlantic and adjacent seas. ICES promotes the science of discovery in the marine realm. In addition, it provides advice on human impacts on marine ecosystems, including effects of fishing, but with strong emphasis on broader areas of concern in evolving ecosystem-based management. Information on ICES, its goals and activities is on the web at: *www.ices.dk*. U.S. Delegates to ICES, Edward Houde (University of Maryland Center for Environmental Science; email *ehoude@cbl.umces.edu*) and Fred Serchuk (NOAA, Northeast Fisheries Science Center, email *fred.serchuk@noaa.gov*) can provide further information.

## *How to Apply*

Limited funding to support travel to the Annual Science Conference, via a NSF grant to Woods Hole Oceanographic Institution, is available to encourage participation by researchers from U.S. academic institutions. Strong preference will be given to scientists within 7 years of receipt of the PhD who are first-time ICES participants. Potential participants should submit abstracts for oral presentations or posters in one of the 18 theme sessions listed below (instructions at.*www.ices.dk/asc2013/*). Applicants for travel funds should communicate with **John Steele** (WHOI; email *jsteele@whoi.edu*) and provide a copy of their abstract, a short statement of reasons for attending, and a brief biographical sketch. Decisions on travel awards will be made by 1 July 2013.

## *Annual Science Conference: Theme Sessions*

| Code | Title | Conveners |
|---|---|---|
| **A** | **Marine litter (co-sponsored by PICES)** | **Thomas Maes, UK**<br>**Dick Vethaak, Netherlands**<br>**Francois Galgani, France**<br>**Thomas Therriault, Canada, PICES** |
| **B** | **Responses of living marine resources to climate change and variability: Learning from the past and projecting the future (co-sponsored by PICES)** | **William W. L. Cheung, Canada, PICES**<br>**Ken Drinkwater, Norway**<br>**Myron A. Peck, Germany**<br>**Vincent Saba,USA** |
| **C** | **Modelling human behaviour in** | **Jan Jaap Poos, Netherlands**<br>**Olivier Thebaud, Australia** |

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| | **models of marine ecosystems** | **Rolf Groeneveld, Netherlands** |
| **D** | **Physico-chemical aspects of ocean acidification in the ICES area** | **David J. Hydes, UK<br>Jon Olafsson, Iceland, and<br>Alberto Vieria Borges, Belgium** |
| **E** | **Do food web dynamics matter in fisheries management? (co-sponsored by PICES)** | **Anna Gårdmark, Sweden,<br>Jason Link, USA, and<br>Michele Casini, Sweden<br>Ian Perry, Canada, PICES** |
| **F** | **Complexity and structure of planktonic food webs: who really eats whom?** | **Elaine Fileman, UK<br>Ann Bucklin , USA<br>Pennie Lindeque, UK, and<br>Janna Peters, Germany** |
| **G** | **Observation and monitoring needs to support Ecosystem Based Management – preparing to serve the current of data coming upon us** | **Ingeborg de Boois, Netherlands,<br>Helge Sagen, Norway, and<br>Yvonne Walther, Sweden** |
| **H** | **The future of sustainable harvesting strategies** | **Ralf Doering, Germany,<br>Carmen Fernández, Spain,<br>Einar Hjörleifsson, Iceland and Anna Rindorf, Denmark** |
| **I** | **Marine Spatial Planning: The multidisciplinary Approach** | **Vanessa Stelzenmüller, Germany, Eugene Nixon, Ireland, and Robert J. Brock** |
| **J** | **What's the catch? Designing and implementing statistically-sound fishery sampling schemes in the real world** | **Jon Helge Vølstad, Norway,<br>Mike Armstrong, UK, and<br>Paul Rago, USA** |
| **K** | **Quantitative value of coastal habitats for exploited species** | **Romuald Lipcius, USA,<br>Ingrid Tulp, Netherlands,), and<br>Håkan Wennhage, Sweden** |
| **L** | **Hydrographic processes, circulation, and water mass formation in the polar and subpolar basins** | **Stephen Dye, UK, Hedinn Valdimarsson, Iceland, and Igor Yashayaev, Canada** |
| **M** | **Identifying mechanisms linking physical climate and ecosystem change: Observed indices, hypothesized processes, and "data dreams" for the future (co-sponsored by PICES)** | **E. Di Lorenzo, COVE-AP; USA, PICES<br>A. Miller, USA, PICES<br>Marc Hufnagl, Germany, ICES** |
| **N** | **The pelagic fish complexes in the North Atlantic Ocean:** | **Asta Gudmundsdottir, Iceland,<br>David Miller, Netherlands, and** |

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| | **Distribution, productivity, and inter-specific competition during changing climate** | **Geir Huse, Norway** |
| **O** | **Advances in studying spatial distribution** | **Höskuldur Bjornsson, Iceland,<br>Sigurður Jonsson, Iceland, and Sara Iverson, Canada** |
| **P** | **An integrated approach to research surveys: monitoring with a combination of sensors** | **Nils Olav Handegard, Norway,<br>David Somerton, USA, and<br>Pierre Petigas, France** |
| **Q** | **Advantages of Bayesian analysis for fisheries and ecological research** | **Murdoch McAllister ,<br>Allan Tucker, Sakari Kuikka** |
| **R** | **Marine recreational fisheries: understanding impacts and consequences for management** | **Harry V. Strehlow, Germany,<br>Claus Reedtz Sparrevohn, Denmark, and Kieran Hyder, UK** |