



**ICES Annual Science
Conference
Bergen, Norway, 2012**

**17-21 September 2012
Scandic Bergen City Hotel
Bergen, Norway**

Travel Funding Available for New U.S. Participants

Requests for Travel Funds by new U.S. participants due 15 June 2012
Deadline for submission of abstracts to ICES, 20 April 2012

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/asc2012/). 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 2012.

Annual Science Conference: Theme Sessions

Code	Theme Session titles
A	Joint ICES/PICES Session - Understanding, measuring and projecting the limits of resilience in marine ecosystems Conveners: Benjamin Planque (Norway), Thorsten Blenckner (Sweden), and Julia Blanchard (UK)]
B	The contribution of acoustics-derived indices for ecosystem-based fisheries management: technological and analytical challenges and recent advances Conveners: Mark Dickey-Collas (The Netherlands), Nils Olav Handegard (Norway), and Verena Trenkel (France)]

C	Bycatch and discards: from improved knowledge to mitigation programmes Conveners: Tom Catchpole (UK), Steve Cadrin (USA), and Marie-Joëlle Rochet (France)]
D	Joint ICES/AOSB Session - The role of the Arctic and Sub-Arctic in a climate change perspective Conveners: Harald Loeng (Norway) and Bogi Hansen (Faroe Islands)
E	Bridging the distance – Understanding habitat (and life stage) connectivity Conveners: Marc Hufnagl (Germany), Geneviève Lacroix (Belgium), and Filip Volckaert (Belgium)
F	Consequences of improved survey performance on assessments and management advice? Do innovations in survey and sampling design, and technology make any difference? Conveners: Olav Rune Godø (Norway), William Karp (USA), and Nicolas Bez (France)
G	Implementation of the European Union Marine Strategy Framework Directive (EU MSFD): Implications for science and policy Conveners: W. Nikolaus Probst (Germany), Daniel Oesterwind (Germany), and Matt Gubbins (UK)
H	Advances in the traceability of fish and fish products: from species to populations Conveners: Gary R. Carvalho (UK), Einar Eg Nielsen (DK), and Jann Th. Martinsohn (IT)
I	Joint ICES/PICES Session - Multidisciplinary perspectives in the use (and misuse) of science and scientific advice in Marine Spatial Planning Conveners: Andreas Kannen (Germany), Roland Cormier (Canada) and Mel Austen (UK)
J	Beyond routine ageing: otoliths and other bony structures as windows into fisheries, fish ecology, and the environment Conveners: Karin Limburg (USA), Karin Hüsey (Denmark), and Stijn Bierman (the Netherlands)

K	<p>Managing in a complex environment; defining approaches for multiple species and ecosystems</p> <p>Conveners: Stuart Reeves (Belgium), Anna Rindorf (Denmark) and Steven Holmes (UK)</p>
L	<p>Evolution of management frameworks to prevent overfishing</p> <p>Conveners: Michael Sissenwine (USA), Pamela Mace (New Zealand), and Hans Lassen, (Denmark)</p>
M	<p>Joint ICES/ESSAS/PICES/AOSB Session - Subarctic-Arctic Interactions: Ecological consequences</p> <p>Conveners: Ken Drinkwater (Norway), Olafur S. Astthorsson (Iceland), George Hunt (USA), and Anne Hollowed (USA)</p>
N	<p>Examining the implications of complex population structure on fish resources, fisheries, assessment and management</p> <p>Conveners: Lisa Kerr (USA), Niels Hintzen (The Netherlands), and Jake Kritzer (USA)</p>
O	<p>How does renewable energy production affect aquatic life?</p> <p>Conveners: Erwin Winter (the Netherlands), Alistair Maltby (UK), Steven Degraer (Belgium), and Bjorn Tunberg (USA)</p>
P	<p>Genetic impact of aquaculture on wild populations</p> <p>Terje Svåsand (Norway), and Edward A Trippel (Canada)</p>
Q	<p>Joint ICES/PICES Session - Sustainability of aquaculture</p> <p>Conveners: Raymond Bannister (Norway), Chris McKinsey (Canada), and Pauline Kamermans (the Netherlands)</p>
R	<p>Mapping and modelling of planktonic ecosystems for better monitoring and future projections of responses to global change</p> <p>Conveners: Icarus Allen (UK), Johnny Johannessen (Norway), and Marcello Vichi (Italy)</p>