



CANADIAN OCEAN SCIENCE NEWSLETTER

LE BULLETIN CANADIEN DES SCIENCES DE L'OCÉAN

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MEETINGS

Arctic Change 2014, 8-12 December, Ottawa: Call for Abstract

The call for abstracts for the international Arctic Change 2014 conference has been issued ([click here](#)). The deadline for abstract submission is **3 October 2014**. Abstracts are accepted for both oral and poster presentations. The Arctic Change 2014 scientific program offers 50 multidisciplinary topical sessions covering a wide range of Arctic research topics. The list of topical sessions is available [here \(click\)](#).

Arctic Change 2014, 8-12 décembre, Ottawa: appel de résumés

L'[appel de résumés](#) pour la conférence internationale *Arctic Change 2014* est maintenant lancé. La date limite pour soumettre un résumé est le **3 octobre 2014**. Les résumés seront acceptés pour les présentations orales et d'affiches. Le programme scientifique d'*Arctic Change 2014* offre un choix de 50 sessions thématiques couvrant une grande diversité de domaines de recherche. La liste des sessions thématiques est disponible [ici \(clicker\)](#).

2015 Aquatic Sciences Meeting, 22-27 February 2015, Granada, Spain

The 2015 Aquatic Sciences Meeting, sponsored by the Association for the Sciences of Limnology & Oceanography ([ASLO](#)), will take place on 22-27 February 2015 at the Granada Congress and Exhibition Centre (*Palacios de Exposiciones y Congresos de Granada*) in Granada, Spain. Plenary talks and special sessions will focus on global and regional patterns of aquatic systems in diverse northern and southern inland water biomes and oceanographic provinces emphasizing both similarities and differences. This theme is a critical scientific challenge as our discipline moves to understand and confront human accelerated environmental change.

The meeting's [session list and descriptions](#) have been posted. The [call for abstracts \(click\)](#) has been issued and the submission deadline is **10 October 2014**.

CNC-SCOR

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The Canadian National Committee of the Scientific Committee for Oceanic Research (CNC-SCOR) fosters and facilitates international cooperation. It is a non-governmental body that reflects the multi-disciplinary nature of ocean science and marine technology.

Le Comité national canadien du Comité scientifique de la recherche océanographique (SCOR) favorise et facilite la coopération internationale. Il reflète la nature multidisciplinaire de la science océanique et de la technologie marine.

Session on *The North Atlantic and Climate Change* at the General Assembly of the IUGG, 22 June - 2 July 2015, Prague

The 26th General Assembly of the International Union of Geodesy and Geophysics (IUGG) will be held in Prague, Czech Republic, from the 22 June to 2 July 2015. The IAPSO Symposia will include the following session:

P09 The North Atlantic and Climate Change

Conveners: *Simon A. Josey, Sergey Gulev, Bogi Hansen, Susan Lozier, Paul Myers, Fiz Perez*

Contributions are welcomed from observational and modelling communities on the North Atlantic and its wider significance for climate. These include but are not restricted to:



- North Atlantic physical and biogeochemical processes
- ocean-atmosphere interaction, including oceanic drivers of atmospheric variability
- the role of the North Atlantic for uptake and storage of heat and anthropogenic carbon
- interactions between the North Atlantic and the Nordic Seas / wider Arctic system
- potential impacts of signals from remote basins on the Atlantic circulation
- relationships between the ocean and cryosphere, including ocean - ice sheet interactions
- linkages between observational time series, models and the recent past

The abstract submission deadline is January 31 2015. Visit <http://www.iugg2015prague.com> for more details.

CANADIAN JOBS and TRAINING

Research Associate or Post-doctoral Position at the University of British Columbia as part of the NCE: MEOPAR

The Department of Earth, Ocean & Atmospheric Sciences at the University of British Columbia (UBC) invites applications for a Research Associate or Postdoctoral Fellow in the field of physical ocean numerical modelling. The successful applicant will conduct collaborative research between groups at UBC and the Delft University of Technology (TUD), Netherlands, investigating the feasibility of coupling numerical models.

The position is for one-year, and preferred start dates are Nov 2014-Feb 2015. The application deadline is **30 September 2014** but will be extended if a suitable candidate has not been found. Full details are available here ([click for PDF file](#)).

Future Earth Executive Director

A Future Earth Executive Director is now needed to provide executive leadership for the Future Earth programme, following the completion of the tasks of the interim Director, Professor Frans Berkhout and his team at the end of 2014.

The Executive Director can choose to be based at one of the following Secretariat hub locations: Boulder (Colorado), Montreal (Canada) or Stockholm (Sweden). The Executive Director will head a [new](#) globally distributed secretariat, recently announced following an open competition by the Alliance, and will work closely with the scientific community, stakeholders, and members of the Future Earth governance structure. For more details on this opportunity please [click here](#).

Looking for work? Try the CMOS site ([click](#))

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GENERAL

Canadian climate scientist is new President of the International Council for Science

Professor Gordon McBean, an internationally recognized meteorologist and climate change expert, is the new President of the International Council for Science (ICSU). An established member of the ICSU community, McBean succeeds the previous ICSU President, Yuan Tseh Lee, and is the second Canadian to take up this office.



Professor McBean was born and educated in Canada, and obtained a PhD in physics from the University of British Columbia (UBC), Vancouver. After an academic and research career that included serving as Professor of Atmospheric and Oceanographic Sciences at UBC, he was appointed Assistant Deputy Minister in Environment Canada, and was, from 1994 to 2000, responsible for climate, weather and air quality sciences and services in the federal government. He currently holds professorships in the Departments of Geography, Political Science and Physics at the University of Western Ontario, London, Canada, and is Director of Policy Studies at the Institute for Catastrophic Loss Reduction and Co-Director of the Centre for Environment and Sustainability there.

In his inaugural address, McBean said that he was "very proud of the role the Council has played, and will continue to play, in planning, coordinating and 'making happen' global scale research for the benefits for all societies." He emphasized that the Council "will continue to provide societies and governments with policy relevant science that can and should form the basis policy making."

More information is available at the ICSU web site [ICSU web site \(click here\)](#).

ASLO Awards: Call for Nominations

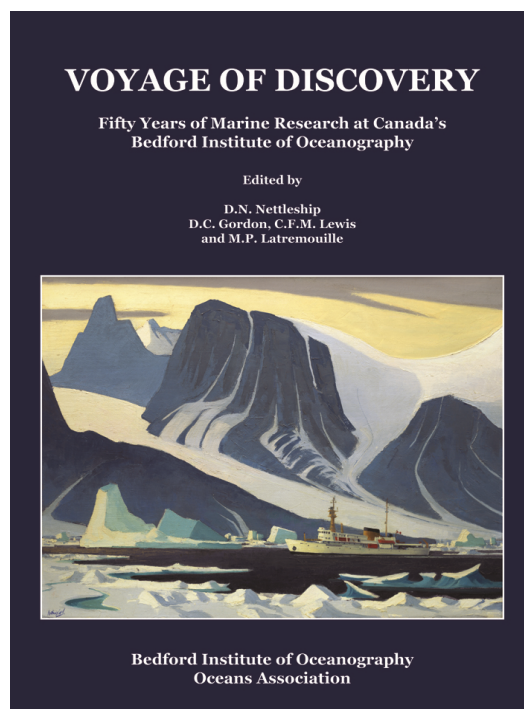
ASLO is soliciting nominations ([click here](#)) for its 2015 awards to be presented at Aquatic Sciences Meeting in Granada, Spain, during 22-27 February 2015. ASLO awards provide opportunities to recognize outstanding individual performance and to highlight accomplishments of the aquatic science research community. Award nominations can be submitted year-round, but must be received by **15 October** to be considered in the fall evaluation. Awards may be submitted via the online forms available on the [web site \(click here\)](#).

Brief outlines of each award are listed below, while detailed information on awards and their nomination process can be found at aslo.org/information/awards.html.

- **G. Evelyn Hutchinson Award** recognizes mid-career scientists (within 25 years of their PhD) who have made considerable contributions to knowledge of limnology or oceanography, and whose future work promised a continuing legacy of scientific excellence.
- **A.C. Redfield Lifetime Award** honors major, long-term achievements by senior scientists (>25 years of PhD) in any fields of limnology and oceanography, including research, education and service to the community and society.
- **Raymond L. Lindeman Award** recognizes an outstanding paper written in the past two years by a young aquatic scientist.
- **John Martin Award** recognizes a paper in aquatic sciences, ten or more years old, that is judged to have had a high impact on subsequent research in the field.
- **Ruth Patrick Award** honors outstanding research by a scientist in the application of basic aquatic science principles to the identification, analysis and/or solution of important environmental problems.
- **Ramón Margalef Award for Excellence in Education** recognizes excellence in teaching and mentoring by an aquatic scientist in the field of limnology and oceanography.
- **Yentsch-Schindler Early Career Award** for scientists less than 12 years beyond their PhD and who have demonstrated outstanding and balanced contributions to research, training, and broader societal issues.
- **Citation For Scientific Excellence** recognizes ASLO members who could not fulfill their career potential because of early death or disability.
- **Tommy and Yvette Edmondson Distinguished Service Award** recognizes members who have displayed exceptional efforts that support the professional goals and enhance the stature of ASLO.

Voyage of Discovery: Fifty Years of Marine Research at the Bedford Institute of Oceanography

BIO-Oceans Association announces the publication of a major treatise reviewing the history and marine research accomplishments at Canada's Bedford Institute of Oceanography over five decades primarily in the Atlantic and Arctic Oceans. '*Voyage of Discovery*', a massive hardcover volume comprising 460 pages printed on premium 8.5 x 11 inch glossy paper with sewn binding, is scheduled to be released 26 September 2014 with an official 'book launch' at BIO on 20 November 2014. The book's well-written text (almost half-million words) and illustrations (ca. 560, mostly colour) will appeal to a broad readership from professional oceanographers, environmental/resource managers and decision-makers to marine science students and lay persons interested in the Atlantic and Arctic oceans. A must-have book for any student of Canadian ocean science.



'Voyage of Discovery' will be available for pickup at the Bedford Institute of Oceanography or by mail at \$35.00 per copy plus shipping (for mail orders). For prepaid mail-orders (by cheque, money order, credit card), contact BIO-OA for cost of shipping and/or credit card usage (902-826-2360 or 469-2798), and then send payment to: BIO-Oceans Association (VOD), c/o Bedford Institute of Oceanography, P.O. Box 1006, Dartmouth, NS, Canada B2Y 4A2.

ICSU Grants Programme 2015

ICSU [members](#) are now invited to submit applications for the 2015 ICSU grants programme.

Following a review conducted by the ICSU Committee on Scientific Planning and Review (CSPR), the programme has been developed to place a particular focus on innovative, multidisciplinary activities. In addition, proposals will now need to be led by an ICSU Scientific Union, with encouragement to involve other organisations in the ICSU family (Scientific Unions, Interdisciplinary Bodies, Joint Initiatives, ICSU Regional Offices, National Scientific Members, or International or National Scientific Associates) as Formal Supporting Applicants.

The application process for 2015 grants is now open. All applications must be submitted by email to rohini@icsu.org no later than 1 December 2014 by 17:00 hrs CET. The necessary documents are available for ICSU [members](#) [in the Member Zone](#).

Wendy Schmidt Ocean Health XPRIZE Reveals the 18 Competing Teams

The Wendy Schmidt Ocean Health XPRIZE promises to improve our understanding of how CO2 emissions are affecting ocean acidification, with breakthrough sensors that can help us begin the process of healing our oceans. Learn more about this competition [here \(click\)](#) and the [timeline \(click\)](#).

Eighteen teams have been selected to compete for the \$2M Wendy Schmidt Ocean Health XPRIZE. See the list of teams [here \(click\)](#). They have come from all around the world to develop innovative pH sensors that will affordably, accurately and efficiently measure ocean pH from its shallowest shores, to its deepest depths. Improving our understanding of how CO2 emissions affect ocean acidification will go a long way toward helping us solve the problem. The competition final sea trials are planned for May 2015.

New Fisheries Research Vessel

Last month in Rimouski, the Canadian Coast Guard inaugurated its newest near-shore fisheries research vessel, CCGS *Leim*. The vessel was named in honour of the late Dr. Alexander Henry Leim, a DFO scientist who dedicated his life to fisheries research.

The 22-meter vessel is replacing the CCGS *Calanus II*, whose 22-year service life is coming to an end. It is equipped with the latest electronic, satellite and radiocommunications technologies,



can reach a speed of 10 knots, and can deploy numerous types of equipment, such as various trawls, scallop dredges, remote-operated vehicles, towed camera sleds, plankton nets, towed acoustic and geophysical survey equipment, and water sampling arrays.

CCGS *Leim* will mainly be used for fisheries and oceanographic research missions in the Estuary and Gulf of St. Lawrence.

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Previous newsletters may be found on the CNC/SCOR web site.

Newsletter #79 will be distributed on 19 November, 2014.
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michel.mitchell@dfo-mpo.gc.ca

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Le Bulletin #79 sera distribué le 19 novembre 2014.
Veuillez faire parvenir vos contributions à Michel Mitchell,
michel.mitchell@dfo-mpo.gc.ca

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