



## CANADIAN OCEAN SCIENCE NEWSLETTER

## LE BULLETIN CANADIEN DES SCIENCES DE L'OcéAN

### Special Bulletin, 20 February 2014 Bulletin spécial, le 20 février 2014

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#### The 2013 Western Lecture Tour

CNC-SCOR annually sponsors two speakers to do a tour of oceanographic centres. One speaker is drawn from Eastern Canada to talk to Western centres, the second is drawn from Western Canada and travels to the East. In November 2013 Dr. Susan Allen (UBC) spoke at Eastern centres.

The Western Lecture tour speaker is Dr. Philippe Archambault who will talk at Western Centres between the 17<sup>th</sup> and 21<sup>st</sup> March 2014. The schedule is below. Please try to attend the talk nearest you.

**Title:** *Marine biodiversity and its influence on ecosystem functioning*

**Abstract:** How many marine species live in Canadian oceans? How many species still await to be described or discovered? What factors control biodiversity and the functioning of our ecosystems? This talk will try to answer some of these questions for the three oceans of Canada. Furthermore, results from manipulative experiments and field sampling aimed at understanding the relationship between biodiversity and benthic ecosystem functioning in the Arctic, as well as in others regions, will be presented.

**Schedule:**

| City      | Date            | Location   |
|-----------|-----------------|--|
| Edmonton  | 17 March, 13:00 | UAlberta, Tory 3-36                              |
| Victoria  | 18 March, TBA   | UVic, location TBA, watch for local announcement |
| Nanaimo   | 19 March, 13:30 | PBS, Seminar Room, 3190 Hammond Bay Rd           |
| Vancouver | 20 March, 12:30 | UBC, Alan Yap Theatre                            |
| Winnipeg  | 21 March, 15:00 | UManitoba, CEOS Theatre - Rm#545 Wallace Bldg.   |

**Professor Philippe Archambault** is a marine ecologist, and more specifically a benthic ecologist with expertise in sampling and experimental designs. His interest could be described along three research axes: i) describing the marine biodiversity, ii) understanding patterns of biodiversity related to natural and anthropogenic disturbances, and iii) exploring the relationship between biodiversity and ecosystem functioning. Phil is on many Scientific Advisory Committee such as the Canadian Healthy Oceans Network (CHONe), the project ANIMIDA III from the Bureau of Ocean Energy Management, USA, and he is also a member of the task force of the international Network Life in a Changing Ocean (LICO). He presently leads two projects. The first project is using an ecosystemic approach in the context of sustainable management, and the second is the development Network for the establishment of a multisectoral consortium to study the socio-ecological environment of the Gulf of St. Lawrence. He is also the Canadian member on the Benthic Expert group on the Circumpolar Marine Biodiversity Program, CAFF. He also co-lead the marine Arctic Hotspot project in ArcticNet. Phil is an Academic editor for the journals PLOSONE, Aquaculture Environment Interaction and Marine Ecology Progress Series. He was a researcher at Fisheries and Oceans prior to his 2007 appointment to a faculty at ISMER-UQAR where he currently teaches Numerical Ecology, Benthic Ecology and Marine Ecology.

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Les bulletins antérieurs se retrouvent sur le site web du CNC/SCOR.

Newsletter #75 will be distributed on 18 March, 2014. Please send contributions to Michel Mitchell, [michel.mitchell@dfo-mpo.gc.ca](mailto:michel.mitchell@dfo-mpo.gc.ca)  
Le Bulletin #75 sera distribué le 18 mars 2014. Veuillez faire parvenir vos contributions à [michel.mitchell@dfo-mpo.gc.ca](mailto:michel.mitchell@dfo-mpo.gc.ca)

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