

CANADIAN OCEAN SCIENCE NEWSLETTER
LE BULLETIN CANADIEN DES SCIENCES DE L'OcéAN

Special Bulletin, March 2017
Bulletin spécial, mars 2017

CNC-SCOR Western Tour Speaker

The 2015 Western annual CNC-SCOR tour speaker is **Dr. C.J. Mundy** from the University of Manitoba. He will be presenting a talk titled: ***Arctic spring: key processes influencing timing of primary production in ice-covered waters.***



Dr. Mundy seeks to understand variability and change in the Arctic marine ecosystem due to climate change and the resulting loss of sea ice. In particular, he studies physical and biological processes controlling the timing, location, magnitude, and fate of primary producers in the ice-covered environment.

Climate warming and the rapidly disappearing Arctic sea ice cover have imposed new variability and likely directional change on the Arctic marine ecosystem. Improving our understanding of variability and change in the polar marine ecosystem in the face of a rapidly changing environment underpins my current research goals. My research has a particular focus on primary producers in the Arctic marine ice-covered ecosystem, which include sea ice algae, ice melt water (brackish) flora and phytoplankton. My most recent

endeavours include: biological oceanographic studies of the central Canadian Arctic, Canadian Beaufort Sea (investigating phytoplankton bloom dynamics, sea ice bio-optics and ice algal productivity, photophysiology and taxonomy) and Hudson Bay (investigating freshwater and dissolved organic carbon input and export), and biophysical modeling of the ice algae ecosystem. ([C.J. Mundy Web Page](#))

Venues and times of Dr. Mundy's talks

City	Date, Time	Location	Contact
Vancouver	March 20 1:30	Earth Science Building 5104 University of British Columbia	Philippe Tortell ptortell@eoas.ubc.ca
Patricia Bay	March 21 2:00	Central Board Room, Rm 2100 Institute of Ocean Sciences	Bill Williams Bill.Williams@dfo-mpo.gc.ca
Victoria	March 22 3:30	Room C118 David Strong building, University of Victoria	Lucinda Leonard lleonard@uvic.ca
Edmonton	March 23 12:30	Tory 3-36 University of Alberta	Paul Meyers pmyers@ualberta.ca
Calgary	March 24 3:00	Earth Sciences 443 University of Calgary	Brent Else belse@ucalgary.ca

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

Newsletter #91 will be distributed in November 2016. Please send contributions to David Greenberg david.greenberg@dfo-mpo.gc.ca

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Le Bulletin #91 sera distribué en novembre 2016. Veuillez faire parvenir vos contributions à David Greenberg, david.greenberg@dfo-mpo.gc.ca

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