

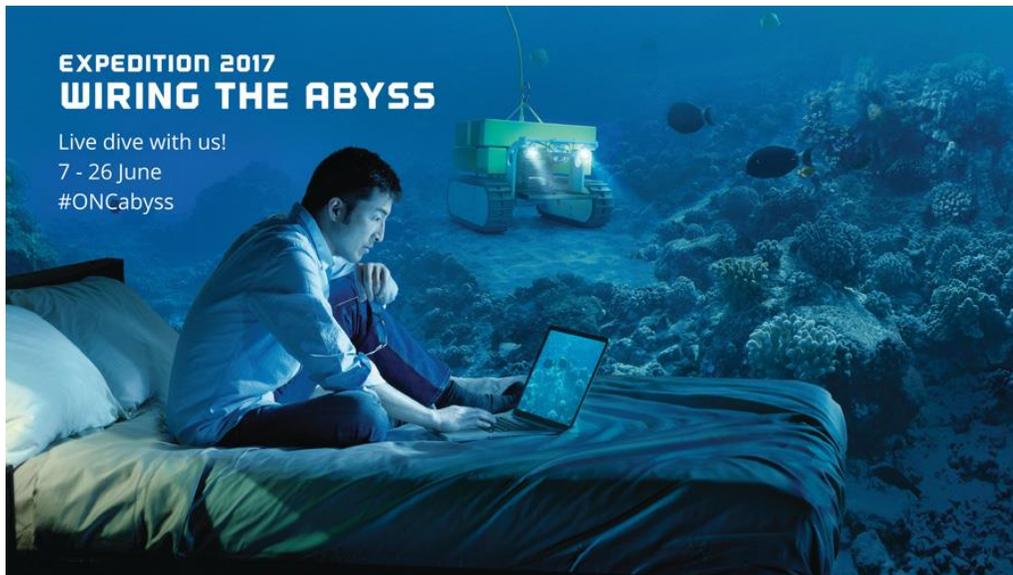
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**DISCOVER THE OCEAN.
UNDERSTAND THE PLANET.**

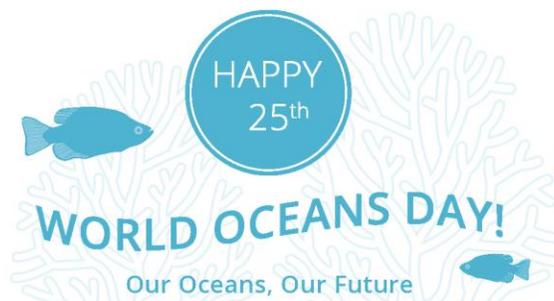
e-Newsletter | May 2017

Join us for Leg 2 of Wiring the Abyss, 7-26 June



Dive into the ocean without getting wet! Join us in the control room aboard E/V *Nautilus* during Ocean Networks Canada's Expedition 2017: Wiring the Abyss. Watch underwater robots maintain and expand ONC's west coast observatory infrastructure while interacting with scientists and engineers. [Read more.](#) [#Livedive starts 7 June](#)—follow hashtag [#ONCabyss](#).

Our Oceans, Our Future: World Oceans Day at 25 and beyond



World Oceans Day on 8 June is an annual celebration of the salty engine that drives and supports life on earth. Worldwide events in over 100 countries provide a unique opportunity to take personal and community action to honor, protect, and conserve our global ocean.

[#worldoceansday](#)

Did you know, Canada initiated World Oceans Day 25 years ago?

In 1992 the Ocean Institute of Canada proposed the concept of a World Ocean Day at the Earth Summit in Rio de Janeiro. Since it was officially endorsed by the United Nations, 8 June has evolved into a growing annual celebration of our global ocean. The 25th anniversary of World Oceans Day is an opportunity to look in the rear-view mirror to see how far we've come and to consider our future, which depends on the health of the great salty engine that drives and supports life on Earth. [Read More.](#) [Watch on YouTube](#)

The Great Thaw: our melting Arctic must be monitored and Canada should lead the way



OpEd by ONC President Kate Moran, published in [The Hill Times](#), 8 May 2017.

In a banner year for Canada, when science and state are more aligned than ever before, we owe our future generations the courtesy of protecting the natural wonder of our North by shining a light on its limitations before pursuing its opportunities. If we don't act soon, we risk losing control over a defining piece of our 150-year identity that is melting away before our very eyes into the pages of history. [Read more](#)

Teens dive into ocean science



It's never too early to help young ocean scientists get to know the ocean. In April 2017, ONC hosted its fifth annual Ocean Science Symposium, an engaging two-day opportunity to inspire the next generation of ocean scientists. Bringing together over 70 students and teachers from 16 schools across Vancouver Island, northern British Columbia, and the Arctic, this educational hands-on experience emphasized the teamwork and collaboration needed to explore and understand the ocean. [Read more](#)

Recent publications using ONC data

Near-vent chemical processes in a hydrothermal plume: Insights from an integrated study of the Endeavour segment. [Read more](#)

The role of infaunal functional and species diversity in short-term response of contrasting benthic communities to an experimental food pulse. [Read more](#)

Modified FlowCAM procedure for quantifying size distribution of zooplankton with sample recycling capacity. [Read more](#)

Buoyancy-driven coastal current blocks ventilation of an anoxic fjord on the Pacific coast of Canada. [Read more](#)

Is the trophosome of *Ridgeia piscesae* monoclonal? [Read more](#)

Conferences and workshops

ONC staff, users, and students are presenting at the following conferences:

- 4-8 June, [CMOS](#), Toronto, Ontario
- 21-22 June, [MEOPAR Annual Scientific Meeting](#), Montreal, Quebec
- 25-29 June, [Acoustics '17](#), Boston, Massachusetts
- 25-30 June, [International Conference on Gas Hydrates](#), Denver, Colorado

Call for Abstracts: AGU Fall Meeting and Arctic Change.

ONC will host booths at the [AGU Fall Meeting](#) (11-15 December, New Orleans) and [Arctic Change](#) (11-15 December, Quebec City). Calls for abstracts close on 2 August for AGU, and 8 September for Arctic Change.

ONC Student Award Program

Need travel support to present your research results? ONC has [funds to support student and post-doc presentations](#) at national and international symposia related to research using ONC data.

In the news

[Feds to protect underwater landscape off Vancouver Island](#), Times Colonist

[Federal government to protect hydrothermal vents and sea floor mountain off Vancouver Island coast](#), Chek News

[Donald Trump's proposed earthquake early warning budget cut could impact B.C.](#), CBC News

[New measures to ensure Canada is better equipped, better regulated, and better prepared to protect its marine environment and coastal communities](#), Government of Canada



The Honourable Dominic Leblanc, Minister of Fisheries and Oceans Canada (left) enjoys a cup of coffee with Scott McLean, Director of ONC's Innovation Centre (centre) and Kim Juniper, ONC's Chief Scientist (right) following a big Oceans Protection Plan announcement in Victoria, BC on 31 May 2017.

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