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November 2018

CaNOE

Canadian Network for Ocean Education



Pick up a paddle!

Here at [CaNOE](#), we are happy to share our latest adventures and favourite ocean-y stories with you in our monthly newsletter. However, CaNOE is a volunteer-based organization and we encourage our [members](#) to become actively involved in our work. We would like to invite you to get your paddle wet and contribute to advancing ocean literacy in Canada by joining a CaNOE working group. The working groups, led by members of the [CaNOE Board of Directors](#), are really where the ocean education magic happens! Find the best fit to your interests and talents [here](#) and click on the group name to send an email. We hope to hear from (and work with you!) soon.



Attendees of the 2015 CaNOE National Conference in British Columbia literally picked up a paddle! Photo: Heather Murray

Dispatch from the Coalition

CaNOE is a founding member of the Canadian Ocean Literacy Coalition. Each month, we will feature a message from the Coalition's National Coordinator, Dr. Diz Glithero.

More than a month has gone by since the official launch of the Canadian Ocean Literacy Coalition (COLC) at the G7 meetings in Halifax, but the launch momentum shows no sign of slowing down!

Over the next 18-24 months, the primary objective of the COLC is to build a national OL strategy. In order for this strategy to be effective in reflecting the regional diversity that exists in Canada, our present focus is on establishing Regional Working Groups (RWG) in 5 distinct areas across the country: Atlantic, Arctic, Pacific, Great Lakes/St. Lawrence and Inland. The

central role of these RWGs is to conduct a) an asset map (i.e., what's happening around OL in the region), b) a gap analysis (i.e., what's not happening and barriers), c) recommendations for a national strategy and d) an implementation plan for the recommendations to ensure efficacy. Each RWG will be aiming to consult widely across key sectors with the goal of developing a set of recommendations that will be synthesized into the national strategy. More information on the RWGs and their objectives is available in the "Resources" section of the COLC [home page](#).

The COLC is happy to be able to connect with the CaNOE community in these regular Splashmail updates, and we look forward to learning more about what initiatives the CaNOE community is making their priority over the coming months and years!

In the OL spirit,

Diz

Diz@COLCoalition.ca

The Recap

Connecting at the Vancouver Aquarium

We were thrilled to be in attendance at the DFO Stream to Sea event at the Vancouver Aquarium. Vancouver-based CaNOE Director-at-Large Jonathan Kellogg gave a great introduction to our organization. We hope to see attendees of this event joining our ranks as new CaNOE members, and we look forward to ongoing and future collaborations with DFO-based ocean educators.



Ocean educators pose at the Vancouver Aquarium's Stream to Sea event! Photo submitted by: Christy Wilson.

MiniBoat Sets Sail

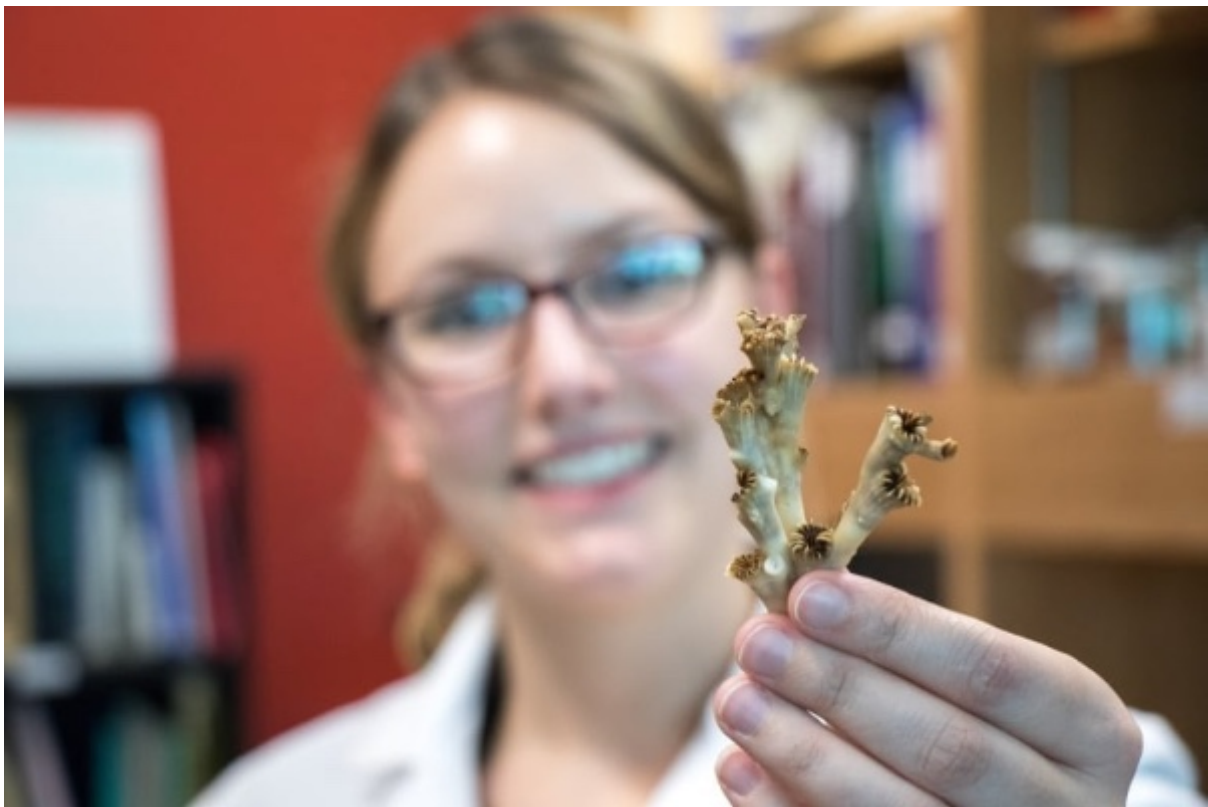
During the CaNOE National Symposium in St. John's, NL this past July, there was a miniboat on display in the lobby of the Marine Institute. Called the **RAVEN KASTER**, it was named and decorated by Grade 8 students. In late October, the **RAVEN KASTER** set sail for the Grand Banks on a Maersk supply vessel to begin its adventure to reach the far side of the Atlantic!

The miniboat proudly carries a CaNOE sticker and inside the hold of the mini boat, just beneath the CaNOE sticker, there is a GPS unit that will enable tracking of the mini boat's progress. Also inside are letters written by the Grade 8 students (similar to a message in a bottle), as well as instructions to whomever finds the **RAVEN KASTER**. Our colleagues across the pond look forward to intercepting it on the other end of its journey. Good luck, miniboat!



The mini boat called the RAVEN KASTER will bear the CaNOE logo as it makes its journey from the Grand Banks to Europe. Photo: Dawn Roche.

Ocean Discoveries



DFO biologist Lindsay Beazley holds a piece of coral called *Lophelia pertusa*, also known as spider hazards. Photo: Robert Short/CBC

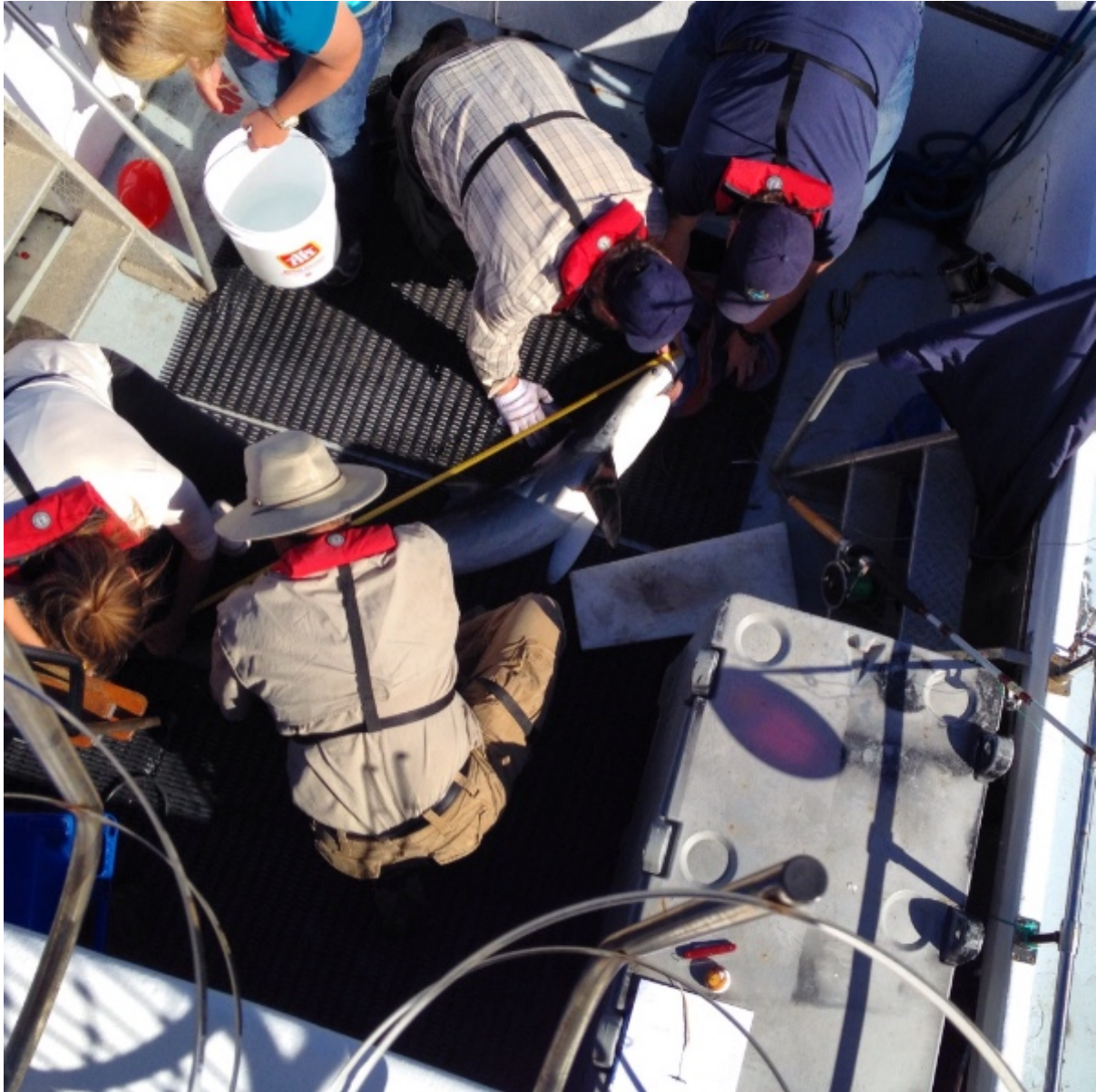
Recovery in the Rubble

Lophelia pertusa is a cold-water coral and is the only reef-building coral species known in Canada. The only *Lophelia* reef complex found in Canada lies at a depth of 320 metres, 280 km off Cape Breton Island. The reef was damaged extensively by bottom trawling in the 1980s and 1990s, but a 15-square kilometre zone was closed to fishing 14 years ago and a coral conservation area was established. This summer, Canadian fisheries scientists discovered a large number of intact colonies of living coral in the conservation area. Previous surveys in the area had found little evidence of a comeback, however, in June the scientists examined an area not previously surveyed and they came across a large matrix of *Lophelia*. Although it was mostly dead, there were live colonies on top of the dead rubble.

Scientists now plan to measure the height and age of the reef mound and study the environmental conditions at the site. Understanding temperature, salinity and ocean currents at the site could point them to other areas in the

region where *Lophelia* might exist. Read more in [this story](#) by the CBC.

Ocean People



Here's Patrick Wells - holding the tape measure on a blue shark's tail! This work was part of a conservation tagging project with fellow CaNOE board member, Capt. Jan Nergijn (who Patrick insists is braver than himself - Jan is holding the tape on the snout!). Photo: Matthew Wells

Meet this month's Ocean Person: Patrick Wells

Patrick is an ocean lover who wears many hats He is a PhD Candidate in Education at Memorial University, works as the Science Department Head at

Holy Spirit High School, and has now joined the CaNOE Board of Directors! You can read Patrick's full interview on our [website](#), but we thought we would share part of his answer to Question 3: Tell us a bit about what you do in your ocean-related work and where you do it.

I am a high school science teacher and love taking students to the intertidal zone and on ocean cruises. Students love a trip to the intertidal zone and I love watching them see the creatures I grew up with. They learn to respect these creatures and how tough it is to live in the ocean.

P.S. Don't forget - we are ALL ocean people and each month we feature one of our members. Would you like to be featured next? Check out the [five short questions on our website](#).

Blog Bite



The enthusiastic Back to the Sea Society "ploggers" spent the month of October cleaning up trash on both the Atlantic and Pacific coasts! Photo: Magali Grégoire

This month's edition of the CaNOE blog features Jenn Currie, who is the founder of [Making Waves](#), in addition to being a Dalhousie Faculty of Science employee, Lake Banook SUP guide, and community volunteer extraordinaire! Whew! Way to go, Jenn. In the current blog post, Jenn discusses her involvement in an exciting initiative recently hosted by the Dartmouth-based [Back the the Sea Society](#): a plogging fundraiser! Not familiar with plogging? "It's a term that stands for picking up litter while jogging and it's sweeping the globe!" Continue reading [here](#).

News and Stories

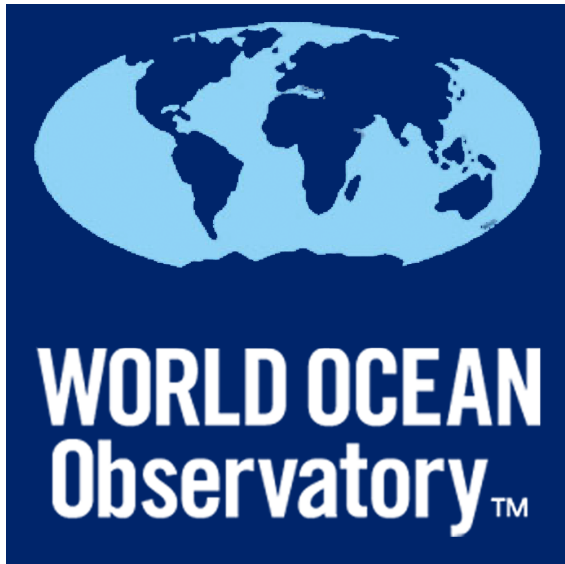


Attention parents and educators! The [Youth Making Ripples](#) Film Competition is now accepting submissions! This is a fantastic opportunity for K-12 students (≤ 18 years of age) to create short films that engage the public in the importance of marine conservation. Kids can submit short films (up to 5 mins) on any marine science topic of their choice. Please [submit](#) all films by January 8th, 2019.



If you've been to Bruges, Belgium lately, you may have seen a 4-storey humpback whale breaching in a canal. Wait, what!?! Don't worry - it's a sculpture! The installation, entitled "Skyscraper", was created from five tons (!) of plastic waste collected from beaches in Hawaii by the Hawaii Wildlife Fund and the Surfrider Foundation. More info

[here](#).



Have you been listening to [World Ocean Radio](#)? It's a weekly series of five-minute audio essays on a wide range of ocean issues from science and education to advocacy and exemplary projects, brought to you by long-time host Peter Neill. Offered by the [World Ocean Observatory](#), it is available for RSS feed, podcast, and syndicated use at no cost by community radio stations worldwide.

Upcoming Events

Help us promote ocean education events in Canada and beyond by telling us what you or others are planning. Click [here](#) to submit an event for the next SPLASHmail.

And remember: If you have an event scheduled early in the month, let us know at least one month ahead. SPLASHmail goes out during the first week of every month and we don't want our members to miss your event!

November

[Geomatics Atlantic Conference - "Oceans of Data"](#). Lord Nelson Hotel.

Nov. 14-15. Halifax, NS.

Hosted by the [Geomatics Association of Nova Scotia \(GANS\)](#), this year's theme is "Oceans of Data" and will explore innovation, cutting edge research, and the future of geomatics in the marine environment. Marine and coastal-focused projects will be represented to create a cross-sectorial conference that ranges from fisheries & aquaculture to climate change to military operations, all connected through geomatics.

[Women of the Sea Speaker Series](#). Vancouver Diving Locker.

Nov. 16, 7-9 pm PST. Vancouver, BC.

Jodi Mossop will be sharing why NOW is the time to take action! Come be inspired, engaged and learn how you can begin to enjoy, protect and connect with the lifeline of our planet, the sea, and all her water sources.

[What A Fish Knows - The Inner Lives of Our Underwater Cousins](#). The Cultch.

Nov. 16, 6:30-10 pm PST. Vancouver, BC.

Do goldfish really have 3 second memories? Bust this myth (and more!) with expert Jonathan Balcombe. In this hour-long talk you'll be taken on a journey that explores the behaviour, cognitive capacities, cultural traditions, and inner lives of various fish species. Based on his popular book "What A Fish Knows - The Inner Lives of Our Underwater Cousins" this talk invites audience members to reevaluate their relationships with fish and think more critically about the way we treat them.

[La problématique de l'échouage des sargasses : une étude d'un cas complexe](#).

Centre de recherche en éducation et formation relative à l'environnement et à l'écocitoyenneté, UQAM.

28 novembre 2018, 18h EDT. Montréal, QC.

Les échouages des sargasses ont à la fois des impacts sur la santé des écosystèmes, la santé humaine et sur les activités économiques de tourisme et de pêche. La question de la gestion des échouages est donc prise très au sérieux dans les îles concernées. Ainsi, plusieurs projets émergent : recherches scientifiques sur la question, techniques de collecte et valorisation et initiatives de santé publique et d'économie locale. Avec la présence de J.-P. Maréchal (Ph D, Martinique), François-Xavier Pinte (Opération Oscar), Sylvie Jochems (professeure à l'UQAM) et Tom Berryman (professeur à l'UQAM).

December

[Ocean Exploration for Homeschoolers](#). Huntsman Marine Science Centre.

Dec. 4, 9:15 am - noon AST. St. Andrew's, NB.

We welcome homeschool students to participate in field explorations and hands-on labs about our local ocean habitat. Themes include Challenges of the Deep Sea, Life in a Drop of Water and Lovely Lobsters.

[Conservation at the Interface of Indigenous Knowledge & Ecology](#). Shaw Centre for the Salish Sea.

Dec. 10, 7-8:30 pm PST. Sidney, BC.

Lauren Eckert is a conservation scientist, adventure enthusiast and Ph.D. student in the Applied Conservation Science lab at the University of Victoria. Her undergraduate career, which provided the privilege of ecological field experiences around the globe, exposed her to the complexities of interrelated social and

ecological systems, and motivated her to delve into conservation science that upholds Indigenous knowledge and rights.

Got something to say?

Every month, CaNOE posts blogs written by ocean-minded friends and CaNOE members (like you!). Do you have research you'd like to share, or tales from the classroom, or oceanic adventures? We'd love to hear about it! Please [send us an email](#). We would be happy to forward our blog guidelines and chat with you about your idea.

To access ALL the benefits of CaNOE membership, [sign up](#) today!



CaNOE relies on a dedicated volunteer membership and we are always looking for helping hands. Please check out our website for [information about our Working Groups](#) and drop us a line if you want to pick up a paddle and join our crew!

We are all ocean people

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