



COINATLANTIC COASTAL UPDATE July / August 2018

Dear Coastal Update Readers,

The Coastal Update has been published monthly since 1997 by the Atlantic Coastal Zone Information Steering Committee (ACZISC), now known as COINAtlantic (Coastal and Ocean Information Network Atlantic). Readers may review the archived issues of the Coastal Update in the [COINAtlantic Website](#) newsletter section.

Please feel free to circulate the Coastal Update among your networks and members. Note that items included do not imply endorsement by COINAtlantic or its member agencies. As always, thank you in advance for your interest in the newsletter. Please visit the COINAtlantic [Facebook](#), [Twitter](#), [YouTube](#), and the [COINAtlantic website](#) for regular updates and event listings.

COINATLANTIC UPDATES & CURRENT WORK

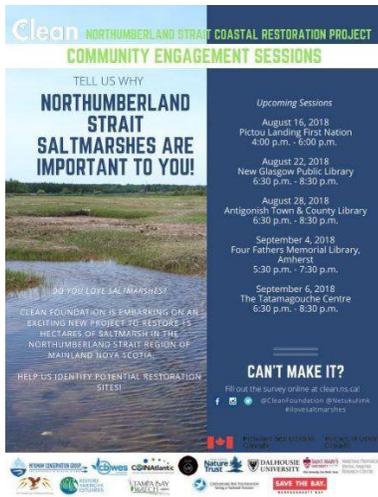


New Environment and Climate Change Canada Atlantic Ecosystem Initiatives (AEI) Project

COINAtlantic is pleased to announce that we are commencing an AEI project on Saint John Harbour Data Integration. Some of the objectives of the project include: data inventory and data rescue of priority data sets not yet in digital form; sampling of sediments and analysis for micro-plastics, infaunal invertebrates and contaminants; a report of data gaps and gaps in data accessibility; and development of an interactive atlas of the Saint John Harbour. Email coinatlantic@dal.ca for more information.

Local Events With Our Partners

Be sure to check out our full calendar of events [here](#).



Northumberland Strait Coastal Restoration Project Engagement Sessions

Clean Foundation is leading the [Northumberland Strait Coastal Restoration Project](#) that aims to restore 15 hectares of salt marsh habitat that has been impacted by humans along the North Shore of Nova Scotia. The five year project will involve identifying, restoring and monitoring salt marsh habitat that will build the capacity to help local communities become stewards of the areas in which they live. Currently the project is in the process of holding community engagement sessions across the region and conducting a traditional knowledge study. For more information and dates of the engagement sessions please see the information under the ‘engagement’ drop down on [this project page](#). Community members also have an opportunity to complete a [Community Knowledge Survey](#) to share their knowledge and stories about salt marshes. The results from the sessions and survey combined will allow the public to provide direct input into the project and will ultimately help the project team and partners select sites to restore.



Our Basin Ecosystem: Re-imagining Workshop

A [community led event](#) to share facts and stories of the Bedford Basin. Two hours of discussion to co-develop a permanent waterfront panel. The workshop will be held 25 September 2018, in Bedford, Nova Scotia.



Ocean Frontier 2018

The [North Atlantic Opportunities Conference](#) will be held in St. John's, NL 9–12 October 2018. Ocean Frontier Institute plans to launch a second phase of large research projects in 2019 and is beginning a consultation process: including a [survey](#), sessions in Halifax and St. John’s prior to the conference, and a final session at the Ocean Frontier Conference. Follow the link to the survey for more on attending the consultation events.

HIGHLIGHTS & FEATURES

Oceana Canada Seafood Mislabelling Report



Oceana Canada has released results from its national investigation into seafood fraud and mislabelling in restaurants and retailers in Canada. The report, [Seafood Fraud and Mislabelling Across Canada](#), reports 44% of samples were mislabelled. Nearly 60 per cent of the substituted samples found in this investigation could have potential health consequences for consumers. In 74 per cent of the mislabelled

samples, the fish on the menu was a more expensive variety than the fish actually being sold.



Understanding Integrated Coastal Management

Partnerships in Environmental Management for the Seas of East Asia – PEMSEA – has released an Instructor's Manual for its Model Course on [Understanding Integrated Coastal Management \(ICM\)](#), aimed at facilitating the exchange and transfer of knowledge and skills on ICM practices, tools, and methodologies. The course introduces and discusses the philosophy, concept, guidelines, framework, and processes of ICM for the sustainable development of coastal areas. Its content is rooted in a holistic, systems approach, as well as in adaptive learning and ecosystem-based management. The course is designed to illustrate the process of the development and adoption of a long-term vision by concerned stakeholders and the implementation of short-term actions directed toward short-term targets through a stepwise, cyclical, and incremental approach



Ocean and Great Lakes Economy of the United States

The NOAA (National Oceanic and Atmospheric Administration) [Report on the Ocean and Great Lakes Economy of the United States](#) examines the important economic contributions of the oceans and Great Lakes. The report presents the NOAA Office for Coastal Management's Economics: National Ocean Watch (ENOW) data set, and includes a variety of infographics at the national, regional, and state levels. The [Regional and State Profiles](#) report is also available.



The European Blue Economy

The EU's Blue Economy, all economic activities related to oceans, seas and coastal areas, is growing steadily, according to the European Commissions' [first annual report on the blue economy](#). With a turnover of € 566 billion, the sector generates € 174 billion of value added and creates jobs for nearly 3.5 million people.

CONFERENCES, EVENTS, & WEBINARS

A list of regional, national and international conferences, seminars, webinars, courses and other events of relevance to integrated coastal and ocean management is [available here on the COINAtlantic Website](#).

Please send upcoming events and all relevant information you would like to be included to coinatlantic@dal.ca.

NEWSLETTERS & ARTICLES FROM AROUND THE WORLD

- ∞ The July 2018 issue of the [Canadian Ocean Science Newsletter](#) now available. Highlights found in this issue include: “The State of the Pacific Ocean Report includes a lot of analyses that examines physical anomalies and trends together with the cycles of salmon”; and, “The winner of our CNC–SCOR Early Career Ocean Scientist Award tells us about some of the cool science he has been working on”.
- ∞ The Spring 2018 issue of [The Zone](#), the Coastal Zone Canada Association Newsletter is now available. This issue includes: Commentary: Canada’s Oceans Act at 20; A Pacific Canada Perspective: A Scan of the Eastern Canadian Coastal Region; and, Coastal Defence Roles of Mangroves on the Amazon Influenced Coast of Guyana, South America: Review of an Intervention Project in an Eroding Coastline.
- ∞ Environment and Climate Change Canada has launched the [Climate Action Fund](#) providing up to \$3 million in grants and contributions for projects that increase action and awareness on climate change and climate change initiatives. Students, youth, colleges and universities, Indigenous Peoples and organizations, not-for-profit organizations, and small and medium sized enterprises are eligible to apply.
- ∞ The Department of Fisheries and Oceans Canada has launched an [Oceans Protection Plan](#) initiative in part to study and manage marine ecological stressors that impact marine mammals.
- ∞ The August 2018 issue of the [Ocean Biogeographic Information System Newsletter](#) is available. This issue includes the articles: OBIS present at Sustainable Ocean Initiative training workshop for the Coral Triangle Initiative (Jakarta 31 /Jul – 3 /Aug 2018); and, OBIS data reveals that climate change will exacerbate the impact of historical overfishing on an iconic Caribbean reef fish.
- ∞ The August 2018 issue of the [Too Big to Ignore \(TBTI\) Digest](#) includes updates on: the 3rd World Small–Scale Fisheries Congress – extended abstract submission ends on 31 August 2018; an upcoming TBTI book: Transdisciplinarity for Small–Scale Fisheries Governance – Analysis and Practice; Viability and vulnerability of the small–

scale fisheries in Sisal, Mexico; and, Community responses to global trade in the Great Northern Peninsula, Canada.

- ∞ The Community Conservation Research Network's (CCRN) [August 2018 Newsletter](#) includes an update on the Halifax, Nova Scotia, 28–30 May 2018 Communities, Conservation & Livelihoods Conference, and the next steps of co-hosts CCRN and IUCN–CEESP following the conference.
- ∞ The 5th Sustainable Ocean Summit was held from 29 November – 1 December, 2017, in Halifax, Canada. Over three days, SOS 2017 attendees explored a range of cross-sectoral topics, strategies and solutions through workshops, plenary and parallel sessions. The working format helped identify clear, realistic pathways to successfully achieving shared objectives for sustainable ocean use. To read the executive summary of the summit report [click here](#).
- ∞ A Eos – Earth and Space Science – news article: [Illegal Seafood Supply Chains Can Now Be Tracked by Satellite](#) explains [research](#) published in *Science Advances* that has pinpointed more than 10,000 likely transshipments through mining billions of recorded ship positions recorded over 6 years. The analysis reveals transshipment “hot spots” near Russia and West Africa.
- ∞ The US Department of the Interior is working with partners to support coastlines and ocean ecosystems. They have created artificial reefs to help marine life flourish; including oyster castles along the Atlantic coast and converting rigs to reefs in the Gulf of Mexico. Learn more the article: [Artificial Reefs Create Homes for Sea Life](#).
- ∞ European Commission Science for Environment Policy weekly News Alert article: [Fibres from polyester clothes could be more damaging to marine life than microbeads](#). It explains that microplastics are emerging as a serious risk to marine and freshwater environments. A [report, published by the UK Parliamentary Office of Science and Technology in 2016](#) found that more than a third of fish in the English/French Channel are contaminated with microscopic plastic debris. Plastics can get into lakes and seas via different routes. For example, they can be washed into the sea via waste water from treatment plants.
- ∞ Co-coordinated by OCTO (Open Communication for The Ocean) and NatureServe, the NOAA National Marine Protected Areas (MPA) Center, MPA News, OpenChannels.org, and the EBM Tools Network co-host a webinar series on issues important to MPAs. OCTO is currently conducting a short survey to learn if these webinars have participants to help provide directions on future work. [The survey](#) should take approximately 5 minutes to complete and will close on 7 September 2018.
- ∞ The August 2018 issue of [CZ-Mail](#) the monthly electronic newsletter from the Massachusetts Office of Coastal Zone Management (CZM) is now available. Among many other events opportunities and resources listed, this issue includes information on: a new [Boston Harbor Now](#) has released a new interactive [Boston](#)

[Harborwalk map](#) and; a new mapping related tutorial and how-to guide from NOAA's Digital Coast.

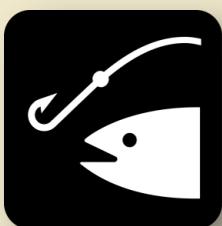
- ∞ The July/August 2018 issue of [Marine Ecosystems and Management \(MEAM\)](#) is now available. This issue includes the features an edition of The Skimmer: Managing and conserving ocean ecosystems in a rapidly changing climate. This Skimmer provides a quick summary of recent and brand new research findings on how weather and climate extremes are impacting marine ecosystems: changes in species distributions, marine heatwaves, deoxygenation, and more.
- ∞ The July/August 2018 issue of [MPA News](#) is now available. This issue includes the articles: "MPAs and ecosystem tipping points: What do managers need to know?" and "IUCN moves to help countries apply marine protection: By clarifying its standards, global body hopes to inspire more ocean safeguards".
- ∞ The [International Council for the Exploration of the Sea's \(ICES\) July 2018 Newsletter](#) is now available. It includes the feature article: At the forefront of fisheries acoustics. The article explores the subject of fisheries acoustics, looking at the latest research and technology used for monitoring marine ecosystems. This is the focus of the ICES Working Group on Fisheries Acoustics Science and Technology, active since 1984.
- ∞ The International Institute for Sustainable Development has published a Summary of the [19th Meeting of the United Nations Open-Ended Informal Consultative Process on Oceans and the Law of the Sea](#) held 18-22 June 2018 in New York, New York.
- ∞ NOAA hosts an ongoing [OneNOAA Science Seminar/Webinar series](#). Contact Tracy.Gill@Noaa.gov to sign up for the weekly OneNOAA science seminar email list.

MULTIMEDIA



Ocean Literacy Principles

World Ocean Radio has begun a multi-part series on [Ocean Literacy Principles](#). Three of the eight episodes are now available. They aim to provide an anthology of reflections, examples and illustrations that represent responses to the ocean and the environmental challenges.



Ghost Gear and Bycatch

Follow the link to the Committee on Fisheries 33rd Session side event: [Delivering Sustainable and Responsible Fisheries Management Solutions for Ghost Gear and Bycatch](#). The lunch time discussion hosted by FAO Member States in collaboration with World Animal Protection, the International Whaling

Commission, WWF, and the Convention on Migratory Species and FAO highlighted sustainable fisheries management solutions for ghost gear and bycatch, focusing on the need and methods for data collection, available solutions and the role of FAO, Member States and other international bodies in coordinating global action.

DEADLINES/FUNDING OPPORTUNITIES

- ∞ **31 August 2018** is the deadline to submit marine related photographs showcasing connection, innovation or optimism to the [2018 Sustainable Oceans Conference's photography contest](#).
- ∞ **31 October 2018** is the deadline to apply to the [Robin Rigby Trust 2018](#) for Collaborative Coastal Research.



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