

COINATLANTIC COASTAL UPDATE NOVEMBER 2017



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



UPCOMING COINAtlantic Workshop Summer 2018

COINAtlantic Workshop #81 in St. John's, Newfoundland. This workshop is planned to coincide with Coastal Zone Canada in July 2018.



COINATLANTIC HOLIDAY PARTY

Join COINAtlantic for holiday cheer at Noon on December 12th 2017 (room 108, 6414 Coburg Rd., Halifax, NS). A light lunch will be served.



CHANGING CLIMATE ASSESSMENT

The Government of Canada has launched [Canada in a Changing Climate: Advancing our Knowledge for Action](#), the national assessment of how Canada's climate is changing, the impacts of these changes and how we are adapting to reduce risk. [Follow this link](#) to complete a survey, submit relevant documents, or sign up to be an expert reviewer. Stay tuned for how COINAtlantic will participate in the process.



SAVE THE DATE!

COINAtlantic would like readers to note the following conference dates. COINAtlantic Members and the Secretariat are often involved in the planning and/ or in attendance at these annual and biennial conferences:

- ∞ **BOFEP 2018:** (12th Bay of Fundy Ecosystem Partnership Science Workshop) will be held at the Agricultural Campus, Dalhousie University, Truro, Nova Scotia from 9–12 May 2018.
- ∞ **ACCESS 2018:** (Atlantic Canada Coastal and Estuarine Science Society) will be held at Memorial University in St. John's, Newfoundland from 24–26 May 2018.
- ∞ **CZC 2018:** (Coastal Zone Canada) will be held on the campus of Memorial University in St. John's, Newfoundland from 15–19 July 2018.
- ∞ **CaNOE 2018:** (Canadian Network for Ocean Education National Symposium) will be held at the Marine Institute of Memorial University in St. John's, Newfoundland 13–15 July 2018.

HIGHLIGHTS & FEATURES



Warning to Humanity

Twenty-five years ago, the Union of Concerned Scientists and more than 1700 independent scientists wrote the 1992 "World Scientists' Warning to Humanity". "World Scientists' Warning to Humanity: A Second Notice" looks at the human response to the warning twenty-five years later. The results found that "with the exception of stabilizing the stratospheric ozone layer, humanity has failed to make sufficient progress in generally solving these foreseen environmental challenges, and alarmingly, most of them are getting far worse". [Follow this link](#) to read the Second Notice (Article in BioScience) and view the 15000+ signatories.



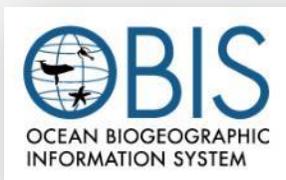
Oceans Day at COP 23

The International Institute for Sustainable Development has published an [Oceans Day at COP 23](#) Bulletin. Oceans Action Day, part of the Marrakech Partnership for Global Climate Action, took place on 11 November 2017, in Bonn, Germany, on the sidelines of the 23rd session of the Conference of the Parties (COP 23) to the UN Framework Convention on Climate Change (UNFCCC). Participants at Oceans Action Day heard presentations from over 70 speakers, including Heads of State, ministers, and representatives from governments, agencies, civil society, academia and the private sector.



Ocean Yearbook Volume 33: Call for Papers

Articles on ocean governance, living resources of the ocean, non-living ocean resources, transportation and communications, environment and coastal management, maritime security, military activities, regional developments, training and education, and ocean polar issues will be considered. The deadline for submission for Volume 33 is March 31, 2018, [please see details online](#).



FIRST HOLISTIC ANALYSIS OF THE OCEAN BIOGEOGRAPHIC INFORMATION SYSTEM

The open access article “Marine biogeographic realms and species endemism” in Nature Communications provides the first holistic analysis of the Ocean Biogeographic Information System (OBIS). The study analyzed the distribution of 65,000 marine species with the aim to provide an empirical basis for biogeographic realms. [Read the article here.](#)



NEW OPEN ACCESS RESEARCH REPOSITORY

MarXiv is a new open access ocean and climate-change science repository that has been launched by Open Communications for the Ocean. MarXiv (rhymes with “archive”) is designed to provide free access to research that would otherwise only be accessible with a university journal subscription. While “pay-walled” academic journal articles cannot be legally shared for free publicly, nearly all publishers allow authors to share their manuscripts in non-for-profit subject-matter repositories like MarXiv. Documentation about MarXiv, instructions on how to share your research, and upcoming training webinars can be found [on the repository website.](#)



CANADIAN FISHERY AUDIT 2017

Oceana Canada has released its [Fishery Audit 2017](#), a review of the state of Canada’s fisheries and the first annual assessment of government fisheries management. The results revealed that only one third of stocks are considered healthy, 13% are in critical condition, and the health of 36% cannot be determined because there is insufficient information to properly assess them.



COMMISSIONER OF THE ENVIRONMENT AND SUSTAINABLE DEVELOPMENT FALL REPORTS

The [2017 Fall Reports of the Commissioner of the Environment and Sustainable Development](#) included five reports in total, one of these is: “Adapting to the Impacts of Climate Change”.

Conclusions for this report included: Environment and Climate Change Canada, in collaboration with other federal partners, did not provide adequate leadership to advance the federal government's adaptation to climate change impacts.



WORLD OCEAN JOURNAL 4

World Ocean Observatory is pleased to announce the release of [World Ocean Journal, Volume 4](#). This volume focuses on the many ways the ocean impacts human health and well-being. The issue includes: essays about the importance of marine life for the treatment of disease; the ways in which plastic pollution impacts our health and ecosystems; how climate change affects vulnerable communities; new technologies that bring fresh water to billions; the ocean as nurturer for our spiritual selves; the benefits to mind and body from being in, near and on the water; and how using 100% of the fish and thoughtful use of marine species and by-product will benefit all of mankind.



TACKLING MERCURY POLLUTION

A European Commission Science for Environment Policy In-Depth Report: [Tackling mercury pollution in the EU and worldwide](#) summarizes the latest scientific studies and research results on mercury pollution in the global environment.

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 any upcoming events to us you would like included and all relevant information to coinatlantic@dal.ca.

NEWSLETTERS & ARTICLES FROM AROUND THE WORLD

- ∞ The Autumn Issue (November 2017) of the [Fundy Tidings](#), the quarterly Newsletter of the Bay of Fundy Ecosystem Partnership (BoFEP) is now available. The newsletter gives information on the upcoming (2018) Twelfth Bay of Fundy Science Workshop, a 2017/2017 shoreline erosion project, as well as many other updates and resources.
- ∞ The [Community Conservation Research Network's November 2017 Newsletter](#) includes: updates on the upcoming conference "Communities, Conservation & Livelihoods", youth perspectives on community conservation, and Indigenous peoples' rights and marine protected areas. Recent and upcoming webinars are also highlighted.
- ∞ The current edition of [Marine Ecosystems and Management \(MEAM\)](#) (Vol. 11, No. 2) is now available. This issue includes a short reader survey, the 'Latest on Ocean Plastic in Just a Few Minutes' and how plastic pollution is a parable for all the ways humans are impacting the oceans.

MARE – Marine Affairs Research and Education – the parent organization for MEAM, has just reorganized and become [Open Communications for The Ocean](#). OCTO works to speed the spread of best practices, build robust communities of practice, and lower barriers to knowledge-sharing for the worldwide marine conservation and management community.

- ∞ The [November 2017 issue of CZ-Mail](#) the monthly electronic newsletter from the Massachusetts Office of Coastal Zone Management (CZM) is now available. It includes the "CZM Spotlight: Long-Term Monitoring of Salt Marshes a Critical Tool for Management", and information on the release of the 'Coastal Manual' otherwise known as "Applying the Massachusetts Coastal Wetlands Regulations: A Practical Manual for Conservation Commissions to Protect the Storm Damage Prevention and Flood Control Functions of Coastal Resource Areas".
- ∞ The [Blue Economy and Ocean Health](#) is a four part series from the Ocean Health Index discussing ocean management and focusing on its relationship with decision-support frameworks and ocean governance. Follow these links to read each article in the series: [part 1](#) | [2](#) | [3](#) | [4](#) .
- ∞ The International Institute for Sustainable Development has published a [Summary of the Fiji / Bonn Climate Change Conference](#) held 6–17 November 2017 in Bonn, Germany.
- ∞ [International Council for the Exploration of the Sea's November 2017 Newsletter](#) is now available. It features the article "Effects of offshore renewables on the benthos" as the latest in a series of expert features looking at the interrelationship between structures such as wind turbines and the seafloor and its organisms, as well as current scientific understanding on the subject.

- ∞ The November 2017 issue of [MPA News](#) is now available. This issue includes the articles “What do you know now that you wish you knew when you got started in MPAs? Insights from practitioners” and “Perspective: In building your MPA career, go outside your comfort zone and take calculated risks”.
- ∞ 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



Extreme Precipitation

The Gulf of Maine Council's Climate Network has posted a video of the presentation, [Extreme Precipitation in the Gulf of Maine Region Challenges and Responses](#), to help people throughout the region plan for more extreme precipitation. The hour-long session took place in June with two guest presenters: Cliff Sinnott, Executive Director of the Rockingham County Planning Commission in New Hampshire, and Rob Capozzi, Adaptation Specialist with the New Brunswick Climate Change Secretariat, who shared innovative approaches that their jurisdictions are taking to address this challenge. This includes an overview of resources that have recently been developed, such as the [Extreme Precipitation in Atlantic Canada website](#), which was launched this year.



North Atlantic Right Whales

In the Ocean River Institute podcast [A Most Tragic Summer for North Atlantic Right Whales](#) Rob Moir speaks with Regina Asmutis-Silvia, the Executive Director and Senior Biologist for Whale and Dolphin Conservation-North America, about North Atlantic Right Whales. Regina explains what happened, why there were so many whale deaths, and what is being done to make the tragic 2017 summer a onetime event and lost for right whales.

DEADLINES/FUNDING OPPORTUNITIES

- ∞ 1 December 2017 is the deadline to apply to the [World Oceans Day Youth Advisory Council](#). You must be between the ages of 16 and 22, able to make at least a two-year commitment, including approximately 5–10 hours per month to council activities and have a passion for the ocean. [Apply here](#).
- ∞ 8 January 2018 is the deadline to submit proposals to the project proposals for the 2018 Clean Leadership Summer Program.



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