

# COINAtlantic COASTAL UPDATE

## *October 2017*



Dear COINAtlantic Members,

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 at the COINAtlantic website's newsletter section ([www.coinatlantic.ca](http://www.coinatlantic.ca)).

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 [website](#) for regular updates and event listings—and subscribe today!



## COINATLANTIC UPDATES & CURRENT WORK

### UPCOMING ACZISC MEETINGS

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*Fall 2017* | ACZISC #80, TBD, New Brunswick

*Spring 2018* | ACZISC Meeting #81, St. John's, Newfoundland (planned to coincide with Coastal Zone Canada 2018)

Until our permanent Project Officer returns from maternity leave, we will be short staffed and inexperienced with newsletter preparation. Please excuse any errors or omissions.



## THIS MONTH'S HIGHLIGHTS & FEATURES

### **GULF OF MAINE SIGNIFICANT EVENTS - JUNE–AUGUST 2017**

Gulf of Maine Region Quarterly Climate Impacts and Outlook reported the summer was characterized by high variability in temperature, rainfall, and weather events. Moderate drought developed in portions of Maine and the Maritimes, while parts of Massachusetts and New Hampshire had several heavy rain events. The report also contains an outlook for autumn 2017. <http://www.gulfofmaine.org/2/wp-content/uploads/2017/09/GOM-Summer-2017-final.pdf>

### **POWER AND POLITICS IN COMMUNITY CONSERVATION**

The recording of the webinar presentation “Power and Politics in Community Conservation” is now available from the Community Conservation Research Network (CCRN). <http://bit.ly/2yiv882>

### **HOW THE SOCIAL SCIENCES COULD CHANGE THE WAY WE DO OCEAN CONSERVATION AND MANAGEMENT**

An article in Marine Ecosystems and Management presents new ideas on how the social sciences could change the way we do ocean conservation and management. The social sciences – economics, political science, sociology, anthropology, history, psychology, law, and more – are the formal examination of human society. They study how societies function, how individuals in a society relate to one another, and the institutions societies form. Insights and data from these disciplines in ocean planning are essential to understanding how people use the marine environment, and how they create and may react to new and different forms of ocean governance. <http://bit.ly/2ijQPKb>

### **MPANEWS IS BACK**

The MPA News team is back from their three-month break after some time to rethink how best to serve the MPA field. In the most recent issue is an article “Global targets call for effective MPAs. But how do we best achieve effectiveness? Practitioners respond”. Practitioners were asked “**What is the biggest challenge that the global MPA community faces in achieving effectiveness?**” The article documents their responses and provides some useful perspectives on where the main challenges lie. For the full article, visit: <https://mpanews.openchannels.org/sites/default/files/mpanews/archive/mpa160.pdf>

### **A NEW ECOLOGICAL PROCESS OF MEGA-RAFTING**

“A tsunami’s worth of sea creatures landed along the Pacific Coast. Is this a problem?” is the title of an article in The Washington Post based upon a study published recently in Science that describes nearly 300 different species of fish, mussels, crabs and various other sea creatures drifted from the shores of Japan to the Pacific Coast of the United States on debris sent across the ocean by a tsunami in 2011, the consequence of a new ecological process, the process of mega-rafting. <http://wapo.st/2z6Q8Od>

### **THE PRECAUTIONARY PRINCIPLE: DECISION-MAKING UNDER UNCERTAINTY**

The European Commission’s Science for Environment Policy has published a future brief on the precautionary principle. The Brief explores the role of the precautionary principle in EU law and policy, and examines key points of discussion drawn from the evidence. <http://bit.ly/2gYKQ0y>

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## **AN ADAPTIVE APPROACH TO IMPLEMENTING THE INTEGRATED SDG FRAMEWORK IN WATERSHEDS**

The IISD SDG Knowledge Hub published an article on the IISD's Adaptive Watershed approach that combines existing concepts and best practices. It draws out key elements involved with planning for ecosystem management, watershed needs and adaptation priorities as separate modules, but layers them to build a more complex understanding of the strategies that resource managers should pursue. <http://bit.ly/2l2H8o3>

## **STORM-RELATED RESOURCES FOR COASTAL COMMUNITIES**

NOAA's Digital Coast Connections has published a summary of resources and tools from NOAA and beyond on how to rebuild after a hurricane and become better prepared for the next storm. <http://mailchi.mp/noaa/dive-into-coastal-and-ocean-economics-with-noaas-digital-coast-2647685?e=687ae34000>

## **HOW TASMANIA'S LOBSTER FISHERY RESPONDED TO ALGAL BLOOMS**

Subtitled "Early Warning System Now in Place to Limit Harvest, Communicate to Public" The Working Waterfront published by the Island Institute describes how the rock lobster fishery for the state of Tasmania handles harmful algal bloom of *Alexandrium tamarense*, a dinoflagellate marine plankton that produces saxitoxin, a neurotoxin that causes paralytic shellfish poisoning. A bloom of these algae can close down the lobster tail fishery overnight because biotoxin levels were detected in the tomalley, the hepatopancreas organ. <http://bit.ly/2z7qLvE>



## **CONFERENCES, EVENTS, & WEBINARS**

COINAtlantic compiles a list of regional, national and international conferences, seminars, webinars, courses and other events of relevance to integrated coastal and ocean management (ICOM). To see the complete list, please visit: <http://www.coinatlantic.ca/index.php/coinatlantic-products/events>

If you have any upcoming events you would like us to broadcast, please send all relevant information to [coinatlantic@dal.ca](mailto:coinatlantic@dal.ca)



## **NEWSLETTERS & ARTICLES FROM AROUND THE WORLD**

"Alaska's economy depends on ocean science and technology" is the title of an article published by the Consortium for Ocean Leadership <http://juneauempire.com/opinion/2017-09-21/alaska-s-economy-depends-ocean-science-and-technology>

The International Maritime Organization (IMO) has released a video celebrating World Maritime Day 2017, 28 September 2017, on the theme “Connecting Ships, Ports and People”. View the video at: <https://www.youtube.com/watch?v=yVYPTVYJtEo>

AllEnvi, the French environmental research alliance has published ‘The Ocean Revealed’ that shows the array of scientific disciplines that take the ocean as their subject. It is a timely resource that will inform a broad audience, not only decision-makers but anyone with a love of the ocean. [http://www.cnrs.fr/inee/communication/breves/docs/The\\_ocean\\_revealed\\_ENG.pdf](http://www.cnrs.fr/inee/communication/breves/docs/The_ocean_revealed_ENG.pdf)

Oceana has published the report “Healthy fisheries are good for business: How better management of European fisheries will create jobs and improve the economy.” The study demonstrates that by killing fisheries resources, EU governments are killing the fishing industry. Oceana has been actively campaigning to stop overfishing, as sustainable fishing would not only benefit the environment, but also the economy and society as a whole. [http://eu.oceana.org/sites/default/files/healthy\\_fisheries\\_are\\_good\\_for\\_business\\_0.pdf](http://eu.oceana.org/sites/default/files/healthy_fisheries_are_good_for_business_0.pdf)

The Committee on the Status of Endangered Wildlife in Canada (COSEWIC) website has moved to Canada.ca, the Government of Canada’s new website. The URL for the COSEWIC website is now <https://www.canada.ca/en/environment-climate-change/services/committee-status-endangered-wildlife.html>

The IISD SDG Knowledge Hub has a guest article “Resilience Thinking: A Catalyst to National Biodiversity Plans” gives examples of how countries are integrating multiple objectives in National Biodiversity Strategies and Action Plans (NBSAP), and propose general actions for enhancing this integration. <http://bit.ly/2xFmlIF> Also on the SDG Knowledge Hub is the “OECD Report Outlining Challenges and Recommendations for SDG Data” that discusses actions that are needed for data to enable development. <http://bit.ly/2zUrFIZ>

The Sargasso Sea Commission and the Inter-American Convention for the Protection and Conservation of Sea Turtles (IAC) has just published a “Concept Note on the Importance of Sargassum and the Sargasso Sea for Atlantic Sea Turtles”. <http://bit.ly/2iiOAH0>

The Bureau of Ocean Energy Management (BOEM) has announced final regulations that define the process used by its Marine Minerals Program for issuing negotiated, noncompetitive agreements for sand, gravel, and shell resources on the U.S. Outer Continental Shelf (OCS). <http://bit.ly/2zlbliV>

NOAA has released the 2017 NOAA Marine Debris Program 2017 Accomplishments Report <https://marinedebris.noaa.gov/report/accomplishments-report>

The 2017 Annual Report of the Nicholas Institute for Environmental Policy Solutions entitled “The Changing Environmental Policy Landscape” describes three projects: one that helps decision makers navigate electricity sector uncertainties, one that examines how big data can help to create a more water-secure world, and one that reimagines how to sustainably manage the oceans. <http://bit.ly/2izGLQL>

The fall edition of the newsletter of the **Fishermen and Scientists Research Society** has a brief Science Update “The hot, the cold, and the in between – let’s talk temperatures!” that describes annual temperature data from scientific traps for LFA 32 and 34. <http://www.fsrns.ca/newsletter/HLT2017-3.pdf>

The newest installment of **Gulf of Maine, Explained**, Fisheries Ecologist Dr. Lisa Kerr explains the importance of otoliths, and how she uses them in her research on Atlantic Bluefin tuna. [https://www.youtube.com/playlist?list=PL3tOTGIQp\\_uGIMJU9eK3sQKwRmkeThfFr](https://www.youtube.com/playlist?list=PL3tOTGIQp_uGIMJU9eK3sQKwRmkeThfFr)

In October 2017, Hydro International is focusing on GNSS Receivers that looks at the current state of affairs and identifies the areas where development can be expected in the years to come. <http://bit.ly/2z6KU4R>  
Other interesting articles from Hydro International released throughout September / October can be found at the following link: <https://www.hydro-international.com/articles/features>

Fisheries and Oceans Canada's Canadian Science Advisory Secretariat (CSAS) released their August 2017 publications, which can be found here: <http://bit.ly/2huKBXs>

"Beach Cleanup... Then What? Debris Disposal in Alaska" is an article recently published on NOAA's marine debris blog on the subject of what to do with the debris once it was cleaned up  
<https://blog.marinedebris.noaa.gov/beach-cleanup-then-what-debris-disposal-alaska>

The OpenChannels Forum for Ocean Planning and Management provides weekly updates on relevant literature, as it relates to such topics as fisheries management, marine spatial planning, MPAs, and climate change and human impacts. The September / October updates can be viewed here:

- October 23: <http://bit.ly/2h0CnK9>
- October 16: <http://bit.ly/2zRdjKt>
- October 9: <http://bit.ly/2yhyBnj>
- October 2: <http://bit.ly/2h0pG1X>
- September 25: <http://bit.ly/2ghYYOi> and <http://bit.ly/2xOD0ZF>

*Reprise from the September issue of the Coastal Update*

## **OneNOAA SCIENCE SEMINAR/WEBINAR SERIES**

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NOAA hosts an ongoing OneNOAA Science Seminar/Webinar series, and the schedule can be found here: <https://www.nodc.noaa.gov/seminars/>. Contact Tracy.Gill@Noaa.gov to sign up for the weekly OneNOAA science seminar email list



## **DEADLINES/FUNDING OPPORTUNITIES**

**15 November 2017:** The Atlantic Salmon Conservation Foundation (ASCF) is now accepting proposals to the 2018 application process. ASCF will be offering \$1 million in conservation project funding for 2018. Please note that the deadline is earlier than in previous years: November 15, 2017 by 4:00 PM AST to reduce overlap with the final reporting period. Application forms and instructions can be found on-line at: <http://salmonconservation.ca>

**20 November 2017:** The 2017 Marine Plastics Innovation Challenge: In order to accelerate the search for solutions, UN Environment and Think Beyond Plastic™ are launching a Marine Plastics Innovation Challenge to engage university students and faculties in a solutions-oriented effort to help solve the global marine litter problem. <https://www.thinkbeyondplastic.com/marineplasticsinnovationchallenge>

**30 November 2017:** Now Open: The Annual NOAA Marine Debris Program Art Contest! Students in grades K-8 from all U.S states and territories can submit their artwork now through November 30th that answers:

- How does marine debris impact the oceans and Great Lakes?
- What are you doing to help prevent marine debris?

<https://blog.marinedebris.noaa.gov/now-open-annual-noaa-marine-debris-program-art-contest>

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**THANK YOU!**

To subscribe to, unsubscribe from, change your contact information, or provide feedback on the newsletter, please send an email to the Secretariat at: [coinatlantic@dal.ca](mailto:coinatlantic@dal.ca). All comments are greatly appreciated!

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