

ACZISC COASTAL UPDATE

OCTOBER 2016



Dear ACZISC Members,

The **Coastal Update** has been published monthly since 1997 by the Atlantic Coastal Zone Information Steering Committee (ACZISC). Readers may review the archived issues of the Coastal Update at the COINAtlantic [website's newsletter](#) section.

Please feel free to circulate the Coastal Update among your networks and members. Note that items included do not imply endorsement by the ACZISC 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!**

SPECIAL ANNOUNCEMENT

In case you missed the latest COINAtlantic Climate Forum (ACZISC meeting #78) held in St John's, Newfoundland on 04 October, 2016 – all presentations are uploaded to the **ACZISC YouTube channel!** You can access all the videos for this meeting and those previous here: <https://www.youtube.com/user/ACZISC>

UPCOMING ACZISC MEETINGS

Spring 2017: ACZISC Meeting #79, TBD, New Brunswick

Summer 2017: ACZISC Meeting #80, Charlottetown, Prince Edward Island

Fall 2017: ACZISC #81, Halifax, Nova Scotia

For the **ACZISC #78 meeting's** minutes, power-point presentations, agenda, and more please visit the meeting page: <http://coinatlantic.ca/index.php/meeting-minutes-and-other-reports/year->

[2016/672-aczisc-meeting-78-4-5-october-2016-st-johns-newfoundland.](#)

The **Adapting to Change: A Northeast Avalon Study Tour** was held on 05 October 2016 and offered participants a regional examination of local coastal community changes and insights into how municipal infrastructure can adapt. A photo-essay of the study tour will be uploaded soon.



COASTAL UPDATE HIGHLIGHTS

INDUSTRY LEADERS TO EXPLORE THE FUTURE OF THE “DIGITAL OCEAN”

The **World Ocean Council (WOC)** announced today the addition of a special plenary and panel discussion on the “Digital Ocean” at the **Sustainable Ocean Summit (SOS), (Rotterdam, 30 Nov-2 Dec)**. The session will discuss the technological, business and economic opportunities afforded where instant access to ocean data, from anywhere around the globe, is easy, affordable and reliable. To learn more and to register for the conference, please visit: <http://oceancouncil.org/event/sustainable-ocean-summit-2016/>.

HIGHLIGHTS FROM 17 OCTOBER 2016 OCEAN PROTECTION COUNCIL MEETING

The **Ocean Protection Council (OPC)** held a meeting on Monday, October 17, 2016 in Sacramento. Topics of discussion included consideration of funding under Proposition 84 for 16 projects totaling just over \$6 million. Additionally, the Council unanimously adopted a resolution supporting Proposition 67 as on the November 8, 2016 ballot, which upholds the statewide single-use plastic bag ban. Find all the meeting highlights here: http://www.opc.ca.gov/webmaster/ftp/pdf/agenda_items/20161017/Item4_Prop84ProjectsSummary_Final.pdf.

DIGITALGLOBE INSIGHTEXPLORER MARINE MAPPING PROGRAM WEBINAR

The DigitalGlobe InsightExplorer platform is a marine mapping program that allows users to display multiple layers of information and allows for fish catch reporting. In addition to oceanographic data layers such as plankton and sea surface temperatures, users can also display satellite and terrestrial AIS data, as well as vessel positions from VMS. Join us this coming Tuesday (25 October) at 1pm EDT / 10am PDT / 5pm UTC for a Webinar Demonstration of the DigitalGlobe InsightExplorer Marine Mapping Program and its IUU Fishing Applications. For more information and to register, please visit <https://oct.to/OCWebinar104>.

EXCLUSIVE FIRST LOOK AT THE WORLD OCEAN AQUARIUM

We welcome the exclusive first look at the **World Ocean Aquarium!** Please take a moment to enjoy this three-minute fly-through of a new dynamic, interactive place of exploration and discovery. World Ocean Aquarium is designed for those who cannot visit an aquarium or for those who wish to encounter species newly discovered or not otherwise displayed at a real aquarium. World Ocean Aquarium offers a place for learning about the vast diversity and mystery of the deep-ocean, an interactive tool for learning about and understanding ocean systems, and for experiencing what it is the ocean provides for the benefit of us all. Check it out at: <https://www.youtube.com/watch?v=USFPb0Llw6I&feature=youtu.be>.

WATER CHANNEL SPECIAL WEBINAR TODAY: OCEANS AND US

In a special webinar presented by the **Water Channel** on October 25 (1500 EST), Dos Winkel (Sea First <https://www.seafirst.nl/en/>) and Jaap van Kluijven (MediaServices International <http://www.mediaservices.international>) will discuss human activity, oceanic systems, and how they affect each other. And how natural resource management on land can and should factor in this relationship. To attend the webinar, to read more about the speakers, and for other related resources, please visit <http://thewaterchannel.tv/webinars>.


SF BAY ECOSYSTEM COLLAPSING AS RIVERS DIVERTED

On 10 October 2016, The Bay Institute released a new study titled ***San Francisco Bay: The Freshwater-Starved Estuary***. According to the study, unsustainable extraction of water from the Bay's watershed is not only pushing six fish species towards extinction, it also threatens dozens of other species, including orca whales that depend on the estuary's complex food web. Read coverage of the report from the San Francisco Chronicle, or download the full report and summary here: <http://thebayinstitute.org/sf-bay-freshwater-starved-estuary>.



UPCOMING CONFERENCES, EVENTS AND ASSOCIATED DEADLINES

The ACZISC Secretariat 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 of upcoming conferences, workshops and associated deadlines, go to: <http://coinatlantic.ca/index.php/conference-listing>.



OTHER DOCUMENTS, NEWSLETTERS, AND WEB RESOURCES

- 🌐 For 2016, **World Ocean Day** established a brand new World Oceans Day Youth Advisory Council. The Youth Advisory Council is helping to expand the reach and impact of World Oceans Day, on June 8th, and year round. The council is made up of 11 members coming from 11 different countries! In [this latest blog update](#), read about Youth Advisory Council member Caitlin Philipps from Australia. Read more here: <http://www.worldoceansday.org/below-the-surface/youth-making-waves-caitlin-philipps>
- 🌐 The **Northeast Regional Planning Body (RPB)** has submitted the Northeast Ocean Plan to the National Ocean Council for their review and certification. Additionally, a *Response to Comments* compendium has been posted online at neoceanplanning.org/plan/comments. Finally, with thanks to the Northeast Ocean Data Portal Team, note that the [Northeast Ocean Data Portal](#) has been updated to accompany the revised Plan. The Plan was developed following several years of public engagement, scientific study and data analysis, and collaboration — along with significant feedback from the general public and stakeholders interested in the future of New England’s ocean and its resources. Find the [revised Plan](#) here: <http://neoceanplanning.org/plan/>.
- 🌐 The *South African Journal of Science* has published, [The Marine Protected Areas debate: Implications for the proposed Phakisa Marine Protected Areas Network](#). The author examines the arguments used in a recent debate where parties, including Ray Hilborn and Colin Attwood, "examined the need for MPA expansion; the effect of MPAs on fisheries; and the role of MPAs in fisheries management, food security and biodiversity protection; and interrogated targets to increase ocean protection." Article is freely available here: http://www.scielo.org.za/scielo.php?pid=S0038-23532016000500004&script=sci_arttext&tlng=es.
- 🌐 The October 2016 issue of **Marine Ecosystems and Management (MEAM)** newsletter is now available online. The theme of the issue is “Training for Marine Spatial Planning”. Read more at: <https://meam.openchannels.org/meam/issue/october-2016-101>.
- 🌐 **NOAA-supported scientists** working in the Hawaiian Archipelago are calling some of the deep coral reefs found in the region’s so-called oceanic “twilight zone” the most extensive on record, with several large areas of 100 percent coral cover. They also found that the deep coral reefs studied have twice as many species that are unique to Hawaii than their shallow-water counterparts. Read more here: <http://www.noaa.gov/media-release/hawaiian-deep-coral-reefs-home-to-unique-species-and-extensive-coral-cover>.
- 🌐 The **Life Plus 2 Meters project** helps people think about and prepare for adapting to climate change. Authors offer their vision of a climate-changed world where sea levels have risen by 2 meters, “extreme” weather is routine, and humans must adapt to complex changes in environmental, social, political and economic conditions. These visions may bring optimistic, pessimistic, social, technical, macro, and/or micro perspectives to the

discussion. There is no right way to engage this complex topic. Authors' visions are published as blog posts for discussion and debate here: <http://lifeplus2m.com/blog/>.

- 🌐 The **Ecology Action Centre** made a statement in reaction to the Total Allowable Catch (TAC) for Southwest Nova Scotia/Bay of Fundy (SWNS/BoF) herring spawning component that was maintained at 50,000 metric tonnes for the 2016 fishing year. Herring are important to several other ecosystem components. To read more about the EAC statement, click here: <https://ecologyaction.ca/press-release/ecology-action-centre-statement-quota-decision-southwest-nova-scotiabay-fundy-herring>.
- 🌐 In October 2016, **Hydro International** is focusing on underwater communications. Read on to find out more about this subject or visit the underwater communications page on the *Hydro International* website. Visit the themes page for other themes: [https://www.hydro-international.com/themes/underwater-communications?utm_campaign=f52972b726-Focus Underwater Communications and the 10 24 2016&utm_medium=email&utm_source=Hydro%20International%20Newsletter&utm_term=0_3dd1ce56b6-f52972b726-14612257](https://www.hydro-international.com/themes/underwater-communications?utm_campaign=f52972b726-Focus+Underwater+Communications+and+the+10+24+2016&utm_medium=email&utm_source=Hydro%20International%20Newsletter&utm_term=0_3dd1ce56b6-f52972b726-14612257).
- 🌐 The October 2016 e-update for the **Newfoundland and Labrador Environment Network (NLEN)** *Many Voices for The Environment* is now available online. This E-Update includes on environmental events, career opportunities, funding opportunities, links to other environmental newsletters and often a spotlight on one of our members. Read more and submit your event here: <http://us11.campaign-archive1.com/?u=49676f8c564b43e803499b04e&id=186adf9379>.
- 🌐 Never thought of golf balls being marine debris before? Turns out Pebble Beach, California, is full of them. There's a short story on a cleanup effort: at http://www.montereycountyweekly.com/news/local_news/two-carmel-high-students-uncover-a-golf-ball-conundrum/article_11f56e54-9658-11e6-a506-032fdedee77a.html.
- 🌐 The **Scientific Committee on Oceanic Research (SCOR)** fosters and facilitates international cooperation. It is a non-governmental body that reflects the multidisciplinary nature of ocean science and marine technology. The organization's **Canadian Ocean Science Newsletter** for September 2016 features the article "Mixing rates, mechanisms and impacts in the Arctic Ocean: Highlights of recent work by a new research group at UBC" and is available here: <http://cncscor.ca/site/canadianprogram/newsletter>.
- 🌐 The International Institute for Sustainable Development (IISD) published its October issue of the Earth Negotiations **Bulletin**, which Summarizes the 44th Session of the Intergovernmental Panel on Climate Change. The Bulletin is offered in English, French, and Spanish at: <http://www.iisd.ca/vol12/enb12677e.html>
- 🌐 The **Canadian Science Advisory Secretariat (CSAS)** coordinates the peer review of scientific issues for the Department of Fisheries and Oceans. October 2016 publications are now available online, and include, "Blue whale continuous frequentations of St. Lawrence habitats from multi-year PAM series". Read this and more articles at:

gdsi.gc.ca/csas-sccs/applications/Publications/result-eng.asp?params=0&YearValue=equal&Year=2016&Year1=2016&DocNumber=&mode=0&desc=&author=&DatePub=after&T1=2016-09-30&T2=&B1=Search.

- 🌐 **The World Ocean Radio** continues the Earth Optimism Series, a 24-episode project in partnership with the Smithsonian Institution's Ocean Portal to address ocean solutions and innovative projects in the context of the Global Earth Optimism Summit to be held Earth Day Weekend in April 2017. In this edition we outline projects that reflect the initiatives and dedication of people around the world confronting ocean problems with solutions and inspiration. Listen here at: <http://www.worldoceanobservatory.org/radio-item/progress-ocean-conservation>.
- 🌐 The **OneNOAA Science Seminars Series** is a voluntary effort across NOAA, to provide a summary and public access (including remote access for many seminars) to NOAA-hosted science seminars. To check the OneNOAA Science Seminar Calendar for the latest seminar information or subscribe to the weekly OneNOAA Science Seminar email list, visit this website. Contact Hernan.Garcia@noaa.gov or Tracy.Gill@noaa.gov with questions.



DEADLINES

- 🌐 29 October 2016: deadline to enter the **GBIF Ebbe Nielsen Challenge**, an annual competition that seeks to inspire innovative applications of open-access biodiversity data. Learn more here: <http://gbif2016.devpost.com/>
 - 🌐 31 October 2016: deadline to apply to the **Robin Rigby Trust**, which extends the benefits to young people involved in the identification, sustainable use, and conservation of coastal and nearshore natural resources, so they can engage in meaningful international interactions, and carry out the kind of research and development work Robin loved. Read more here: <http://www.smu.ca/academics/robin-rigby-trust.html>
 - 🌐 04 November 2016: deadline for submissions to **NOAA's Ocean Acidification Program (OAP) new Federal Funding Opportunity**. OAP is soliciting proposals for collaborative projects, up to two years in duration, that synthesize regional ocean acidification information to identify societal vulnerabilities, so that actionable information may be provided to decision makers. Read more here: <http://oceanacidification.noaa.gov/Opportunities.aspx>
 - 🌐 09 November 2016: The **National Wetland Conservation Fund (NWCF)** Expressions of Interest letters are optional and should be submitted to David.Fishman@canada.ca. The NWCF supports on-the-ground activities to restore and enhance wetlands in Canada. More information is available at: http://www.ec.gc.ca/financement-funding/default.asp?lang=En&n=923047A0-1#_09
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- 🌐 30 November 2016: **NOAA Marine Debris Program Art Contest** is now officially open! Students grades K-8 can submit artwork *through November 30th* that answers the questions: 1) How does marine debris impact the oceans and Great Lakes? 2) What are you doing to help prevent marine debris? Winning entries will be featured in our 2018 Marine Debris Calendar. Be creative and help raise awareness about marine debris! For a complete list of contest rules, visit our website and download the student entry form and art contest flyer here: <https://marinedebrisblog.wordpress.com/2016/10/17/now-open-the-annual-noaa-marine-debris-program-art-contest-2>

- 🌐 31 March 2017: **Ocean Yearbook Volume 32** -- 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. Details online: [http://www.dal.ca/content/dam/dalhousie/pdf/law/MELAW/\(G\)%20MELAW%20update_OYB%20Call%20For%20Papers%20Volume%2032%20AUG3-16.pdf](http://www.dal.ca/content/dam/dalhousie/pdf/law/MELAW/(G)%20MELAW%20update_OYB%20Call%20For%20Papers%20Volume%2032%20AUG3-16.pdf)

- 🌐 15 May 2017: **Ocean Yearbook Student Prize 2017** is an annual competition open to students writing research papers on marine affairs subjects at any university or other tertiary education institution. Details online: [http://www.dal.ca/content/dam/dalhousie/pdf/law/MELAW/\(I\)%20MELAW%20update_Student%20Prize%202017%20AUG3-16.pdf](http://www.dal.ca/content/dam/dalhousie/pdf/law/MELAW/(I)%20MELAW%20update_Student%20Prize%202017%20AUG3-16.pdf)



THANK YOU FOR YOUR INTEREST IN COINATLANTIC!

Important note: please email the ACZISC Secretariat at aczisc@dal.ca to subscribe, unsubscribe, change your contact information, or comment. All feedback is greatly appreciated!

Sincerely,

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