

COINAtlantic COASTAL UPDATE

July 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).

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

Spring 2017 | ACZISC Meeting #79—*POSTPONED*

Fall 2017 | ACZISC #80, TBD, New Brunswick

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



THIS MONTH'S HIGHLIGHTS & FEATURES

UPDATES FROM THE GATEWAY TEAM

In partnership with the Northeast Ocean Data Portal (NE ODP) ICAN started ingesting 65 new datasets from the NE ODP pushing the total Gateway data holdings to something over 600 datasets. Information added was identified and requested by members of an Interstate coastal and Marine Spatial Planning Work Group. These data are regional in nature and most deal with living resources found in Long Island Sound and offshore New England. Additional datasets for Long Island Sound from the Long Island Sound Ecoregional Assessment (LISEA) will be available in the not-too-distant future, look for their availability in the next announcement. You can find the NEODP information by simply searching on “Long Island Sound”.

Here is a link to the map viewer with all of the new datasets added to the view: <http://on.ny.gov/2pamcYM>

OGC PUBLISHES RESULTS OF INTERNATIONAL ARCTIC SPATIAL DATA PILOT

The Open Geospatial Consortium (OGC®) is pleased to announce the publication of results from the Arctic Spatial Data Pilot (Arctic SDP). The results, including reports, demonstration videos, and interviews, are available at www.opengeospatial.org/pub/ArcticSDP/index.html.

The Arctic SDP, an 18 month project, was initiated to demonstrate the diversity, richness, and value of providing geospatial data using international standards in support of seamless spatial data exchange with application to a range of Arctic topics. [Eight scenarios](#) were used to demonstrate a solution to a key aspect of environmental and resource management in the Arctic: from permafrost melt, to shipping routes, from search & rescue, to food security, and more.

The Pilot successfully showed how standards help stakeholders gain new perspectives into social, economic, and environmental issues by providing an online network of resources that improves the sharing, integration, and use of information tied to geographic locations across the Arctic.

DATA PORTALS FOR THE CHESAPEAKE BAY REVIEWED

The Chesapeake Bay, situated along the east coast of the United States, in part because it has long been a focus for environmental restoration, is also a rich source of geospatial data. One primary source is the Virginia Institute on Marine Science, which maintains a Submerged Aquatic Vegetation (SAV) resource. It also includes an interactive GIS map. The SAV maps and vegetation data contain information dating all the way back to 1971.

The full article can be read here: <https://spatialreserves.wordpress.com/2017/07/17/data-portal-for-the-chesapeake-bay-reviewed/>

READER REQUEST: INTRODUCING THE *NEW* OCEAN TIPPING POINTS WEBSITE

Crossing an ecosystem tipping point creates dramatic change. From collapsed fisheries and coastal dead zones, to melting sea ice and dying coral reefs, consequences which are often devastating to both the environment and the people who depend on it. The goal of this new website is to help resource managers make effective management decisions in the face of these ocean changes.

The Ocean Tipping Points Project team is pleased to announce the launch of their new website, where you can find in-depth research, practical tools, and useful resources to help ocean and coastal managers predict, prevent or recover from dramatic ecosystem change.

If you would like to check out their new website, visit: <http://oceantippingpoints.org/portal/otp>



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



NEWSLETTERS & ARTICLES FROM AROUND THE WORLD

“The data behind the search for mh370”, read the full article and check out the interactive website here:

<https://geoscience-au.maps.arcgis.com/apps/Cascade/index.html?appid=038a72439bfa4d28b3dde81cc6ff3214>

Check out the Center for Ocean Solutions 2016 Online Annual Report here:

<http://centerforoceansolutions.org/annual-report-2016>

Visit the EUCC’s (Energy, University College Cork) magazine ‘Coastal & Marine’ Special ‘Coastal Management-Training & Supporting Tools’ here: http://eucc-d-inline.databases.eucc-d.de/files/documents/00001196_coastalandmarine_2016-3.pdf

“New NS Coastal Mapping Project” and other interesting articles are available in the July/Summer issue of the Fundy Tidings, the Bay of Fundy Ecosystem Partnership’s (BoFEP) quarterly newsletter:

<http://www.bofep.org/wpbofep/wp-content/uploads/2017/07/2017-summer.htm>

Check out the Fishermen and Scientists Research Society’s latest news and updates in their summer 2017 newsletter: <http://bit.ly/2uBxVp8>

“Can optimism help your ocean conservation and management work?” is one of the articles in Marine Ecosystems and Management’s July 2017 newsletter: <https://meam.openchannels.org/meam/issue/july-august-2017-109>

Directions Magazine features “Protecting the Nation’s Coasts: How NOAA’s Digital Coast Became a Game Changer” as one of their latest articles. Read this and more at the following link:

<http://www.directionsmag.com/>

“Vamizi Island, a Cradle of Coral, provides a bastion of hope for people and biodiversity”, is one of the featured articles in SEVENSEAS’ July issue of their marine conservation and travel magazine. The magazine can be found here: <http://sevenseasmedia.org/issue-27-july-2017/>

Unmanned Systems is the focus in Hydro International’s July 2017 magazine. Inclusive in this issue is the article titled “Underwater Communications and the Level of Autonomy of AUVs”. The magazine can be found at the following link: <https://www.hydro-international.com/themes/unmanned-systems>

Other interesting articles from Hydro International released throughout June can be found at the following link: <https://www.hydro-international.com/articles/features>

Featured article: “Environmental Assessments Key to Achieving SDGs, Climate Goals” can be read in the International Institute for Sustainable Development’s (IISD) July updates on their SDG Knowledge Hub. These articles and more can be found here: <http://sdg.iisd.org/sdg-update/2017-06-27/> | <http://sdg.iisd.org/sdg-update/2017-06-29/> | <http://sdg.iisd.org/sdg-update/2017-07-04/> | <http://sdg.iisd.org/sdg-update/2017-07-07/> | <http://sdg.iisd.org/sdg-update/2017-07-11/> | <http://sdg.iisd.org/sdg-update/2017-07-13/> | <http://sdg.iisd.org/sdg-update/2017-07-18/> | <http://sdg.iisd.org/sdg-update/2017-07-19/> | <http://sdg.iisd.org/sdg-update/2017-07-20/> | <http://sdg.iisd.org/sdg-update/2017-07-25/> | <http://sdg.iisd.org/sdg-update/2017-07-27/> |

The World Ocean Observatory’s July 2017 e-newsletter is now available, and discusses such projects as GEBCO, a 3d visualization of bathymetry data. Read more online at: <http://bit.ly/2vbuB5q>

Fisheries and Oceans Canada’s Canadian Science Advisory Secretariat (CSAS) released their June 2017 publications, which can be found here: <http://bit.ly/2u2lCyC>

Read the latest from IMO (International Maritime Organization) Publishing in the July 2017 issue of the IMO newsletter. Read the full newsletter here: http://www.imo.org/en/Publications/Documents/Newsletters%20and%20Mailers/Newsletters/jul_b2c.html

Check out: “Providing Easy Access to Decades of Data” in NOAA’s (National Oceanic and Atmospheric Administration) Digital Coast Connections: <http://bit.ly/2tRLZYS>

“GMRI launches educational program exploring sea level rise impacts in Maine” is one of the articles available in the July issue of Waypoints, the Gulf of Maine Research Institute’s (GMRI) Fishing Industry Newsletter: <http://bit.ly/2vbyrZ>

Check out the latest news within the global surveying community in the International Federation of Surveyors (FIG)’s May/June newsletter: http://www.fig.net/resources/enews/may-june_2017.pdf

Communities, Conservation and Livelihoods July 2017 newsletter is now available. To read about the latest news, publications, and stories from the community, please check out the newsletter here: <http://bit.ly/2hgsWWu>

“The G20 – on climate change, better than we feared but short of what we need” is one of the news items found in the International Institute for Environment and Development’s (IIED) July 2017 newsletter. Find the newsletter here: <http://bit.ly/2vfMe3v>

Too Big To Ignore, the international research project on small scale fisheries has released their July digest—complete with updates, news and more. Read the latest edition here: http://toobigtoignore.net/wp-content/uploads/2017/07/Digest_July_Final.pdf

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 July updates can be viewed here:

- June 26: <http://bit.ly/2vLSxKb>
- July 3 & 10: <http://bit.ly/2uFMypR>
- July 17: <http://bit.ly/2h5zZ4c>
- July 24: <http://bit.ly/2h5QPQD>



DEADLINES/FUNDING OPPORTUNITIES

14 August 2017: Deadline for entry into the NASA WORLD WIND Europa Challenge. More information on the challenge can be found here: <http://eurochallenge.como.polimi.it/>

28 August 2017: Phase 2 of the Let's Talk Fish Habitat consultation is now online, as part of the 2012 review of changes to the Fisheries Act. Feedback can be provided until this date. For more information please visit: <http://www.letstalkfishhabitat.ca/>

10 September 2017: Mountain Equipment Co-op's deadline for fall grants. Learn more about the grant and how to apply, here: <https://www.mec.ca/en/explore/spring-and-fall-grants/>

Check out the latest finance and funding opportunities in Newfoundland and Labrador, advertised by the Newfoundland and Labrador Environmental Industry Association (NEIA): <http://neia.org/finance-funding-support/>

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. All comments are greatly appreciated!

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