

# COINAtlantic COASTAL UPDATE

## May 2017



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 ([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 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!



## COINATLANTIC UPDATES

### COINATLANTIC AT ACCESS CONFERENCE

---

COINAtlantic once again teamed up with the Atlantic Canada Coastal and Estuarine Research Society (ACCESS) to conduct a workshop. In 2016, COINAtlantic held a Remote Sensing for Coastal Mapping Workshop before the ACCESS Conference in Charlottetown. In 2017, COINAtlantic conducted a one day workshop "Data Management for Research with Special Focus on Species Occurrence Data". Participants were led through modules dealing with the rationale for sharing data and the steps for preparing species occurrence data for sharing through the Ocean Biogeographic Information System (OBIS; [iobis.org](http://iobis.org)). A good part of the afternoon was devoted to participants working on their own data sets.

If readers are interested in inviting COINAtlantic to conduct this workshop for them, please contact us at [coinatlantic@dal.ca](mailto:coinatlantic@dal.ca).

## COINATLANTIC ON OCEANS DAY

---

Come join us at the Maritime Museum of the Atlantic on June 2<sup>nd</sup> to celebrate and help kickoff Oceans Week in Halifax. We will have our booth set-up and be ready to help educate on some of the latest things going on within the oceans community.

Hope to see you there!

## COINATLANTIC RELEASES VERSION 1 OF THE ATLAS FOR SYDNEY HARBOUR

---

As part of its project Atlantic Canada's Biological Data for Ecosystem Planning and Decision-making, COINAtlantic has released version 1 of a Sydney Harbour Atlas that uses a customized version of the COINAtlantic Search Utility (CSU) to display map layers relevant to the ecosystem of Sydney Harbour, Nova Scotia. The Atlas accesses several OGC compliant web mapping services including map layers from the Province of Nova Scotia, the Government of Canada and COINAtlantic's own mapping services that includes map layers provided by the Cape Breton Regional Municipality.

To view the Atlas please visit: [http://coinatlantic.tools/csu/?mapset=sydney\\_harbour](http://coinatlantic.tools/csu/?mapset=sydney_harbour)

## WEBSITE LAUNCH

---

One of the key advancements related to the brand transition, is an overhaul of the existing COINAtlantic website, **which is now live!** The updated website not only showcases the transition of our brand, but offers itself as a more streamlined and easy-to-navigate resource for users who would like to access our resources on ICOM and other coastal issues, our tools, find out about upcoming events and webinars, or who may be looking to find out more about COINAtlantic and what kind of projects we are involved in.

We are welcoming feedback for the new website regarding resources and functionality. If there is anything you would like to pass along to us, please email COINAtlantic at [coinatlantic@dal.ca](mailto:coinatlantic@dal.ca)

## 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



## THIS MONTH'S HIGHLIGHTS & FEATURES

### OCEANS WEEK HALIFAX

---

OWHFX (Oceans Week Halifax) has a vision to celebrate Oceans Week through collaboratively planned and executed events throughout Halifax (and beyond) by offering several free AND accessible ocean-focused and community activities to the public. The purpose of these events will be to better inform our community of the various global ocean issues, educate about local solutions, and inspire personal contributions. The goal is to create a community pledge across all ages to improve ocean literacy in Halifax and across Nova Scotia, in hopes to inspire more local and community-based initiatives across the globe.

JOIN THE MOVEMENT! Discover how you can help make a difference in the community and learn about the importance of ocean education by visiting OWHFX's website: <http://www.oceansweek.ca/calendar-events/>

## **SEACHOICE: SEAFOOD LABELLING**

---

SeaChoice released a new website: <http://labelmyseafood.ca/>

Their new website houses lots of information regarding the importance of labelling our seafood, and creating the demand for this action. Check it out to learn more about seafood labelling and what you can do to help support this initiative.

## **THE LEARN PROJECT: FREE TOOLKIT OF BEST PRACTICE FOR RESEARCH DATA MANAGEMENT**

---

The Toolkit expands on the issues outlined in the LERU Roadmap for Research Data (2013). It is nearly 200 pages long, and includes:

- 23 Best-Practice Case Studies from institutions around the world, drawn from issues in the original LERU Roadmap;
- 8 Main Sections, on topics such as Policy and Leadership, Open Data, Advocacy and Costs;
- One Model RDM Policy, produced by the University of Vienna and accompanied by guidance and an overview of 20 RDM policies across Europe;
- An Executive Briefing in six languages, aimed at senior institutional decision makers.

“[...] Research data is the new currency of the digital age. From sonnets to statistics, and genes to geodata, the amount of material being created and stored is growing exponentially. For research performing organisations, this deluge of data presents many challenges in areas such as policy and skills development, training, costs and governance. The LEARN Toolkit of Best Practice for Research Data Management is designed to help institutions address these challenges.”

Checkout the toolkit here: <http://learn-rdm.eu/en/research-data-management-toolkit-now-available/>

## **STATE OF NEW YORK UPDATE: FOCUS ON DATA**

---

Great Lakes folks, specifically those in the Lake Erie and Niagara River Watershed, will be pleased to hear that, in partnership with Erie County Environment & Planning, The State of New York has started adding information from a watershed Atlas they have developed. There are now 14 new datasets related to their mapping effort available on the Gateway with another batch coming soon. These are state-wide and in some instances region-wide datasets that Erie County used in developing their Atlas. You can find the information by simply searching on “Lake Erie”. The State of New York’s Gateway is an affiliate of the International Coastal Atlas Network (ICAN).

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

In addition to more Lake Erie & Niagara Watershed data, Long Island Sound-Centric folks should stay tuned for the next Gateway Update...

## **COASTAL THEMATIC EXPLOITATION PLATFORM**

---

As suggested by one of our subscribers, please check out the Coastal Thematic Exploitation Platform (C-TEP), which is one of the innovative virtual platforms aimed to simplify the extraction of information from Earth Observation (EO) data. The ESA (European Space Agency) funded group of TEP projects, shall move the processing of data to the data source using cloud technology.

C-TEP is an online service, funded by ESA, which will provide access to an extensive archive of over 20 years of EO data, near-real-time (NRT) satellite data streams, in-situ measurements, and the tools necessary to process and extract information from said data. The tools provided will support the advancement of scientific insight into dynamic marine processes and coastal interactions which will promote understanding of our dynamic and valuable coastlines.

ESA website: <http://www.esa.int/ESA>

Information about TEP: <https://tep.eo.esa.int/about-tep>

Information about the C-TEP: <https://coastal-tep.eo.esa.int/portal>



## 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

“New technologies for improving ocean management and ecosystem health” is the lead article in Marine Ecosystems and Management’s April 2017 newsletter: <https://meam.openchannels.org/news/meam/new-technologies-improving-ocean-management-and-ecosystem-health>

Articles such as “Healthy Oceans, Resilient Islands” and other updates from the Ocean Biogeographic Information System (OBIS) can be found here: <http://bit.ly/2roJvUp>

The Canadian Cryospheric Information Network (CCIN/PDC) launched the first issue of their newsletter. Check out their latest news and updates here: <http://bit.ly/2qjRl1m>

Check out the “The State of the Arctic Marine Biodiversity Report” (SAMBR), released by the Conservation of Arctic Flora and Fauna (CAFF), the biodiversity working group of the Arctic Council: <http://bit.ly/2rcLoQW> | For further information: <https://www.arcticbiodiversity.is/marine>

“Governance of areas beyond national jurisdiction for biodiversity conservation and sustainable use Institutional arrangements and cross-sectoral cooperation in the Western Indian Ocean and South East Pacific”: a new publication released by the UNEP World Conservation Monitoring Centre. Read the full publication here: <http://bit.ly/2pUBrKt>

“Universal Core Trustworthy Data Repository Requirements & New Standard and Certification Board” and other interesting articles can be found in the May issue of ICSU World Data System’s Newsletter, here: <http://bit.ly/2rxleKM>

“A Market-based Approach to Grassroots Reef Conservation”, is one of the featured articles in SEVENSEAS’ May issue of their marine conservation and travel magazine. The magazine can be found here: <http://bit.ly/2r0DkCT>

Read the featured article: “Google Earth Engine – What is a Data Cube and Why Canadians Should Care?” in the 80th issue of the Canadian Spatial Times Newsletter. Read the full newsletter here: <http://bit.ly/2qT67L7>

*Seismic Survey* is the focus in Hydro International's May/June 2017 magazine. Inclusive in this issue is the article titled "Flexible High-resolution Seismic Method". The magazine can be found at the following link: <http://bit.ly/2qjZSO1>

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

"Higher Erosion Rates in Coastal Louisiana Associated with 2010 Oil Spill" is one of the featured articles in the U.S. Department of the Interior: Ocean, Great Lakes and Coasts' Newswave quarterly newsletter. The full newsletter can be viewed here: [https://www.doi.gov/sites/doi.gov/files/uploads/newswave\\_spring2017\\_web.pdf](https://www.doi.gov/sites/doi.gov/files/uploads/newswave_spring2017_web.pdf)

Featured article: "Adaptation and Loss and Damage Update: Arctic Climate Shifts, Regions Enhance DRR (Disaster Risk Reduction)" can be read in the International Institute for Sustainable Development's (IISD) May updates on their SDG Knowledge Hub. These articles and more can be found here: <http://sdg.iisd.org/sdg-update/2017-05-02/> | <http://sdg.iisd.org/sdg-update/2017-05-04/> | <http://sdg.iisd.org/sdg-update/2017-05-09/> | <http://sdg.iisd.org/sdg-update/2017-05-11/> | <http://sdg.iisd.org/sdg-update/2017-05-16/> | <http://sdg.iisd.org/sdg-update/2017-05-18/> | <http://sdg.iisd.org/sdg-update/2017-05-23/> | <http://sdg.iisd.org/sdg-update/2017-05-25/> |

"Bridging gaps in data to save Mediterranean fish stocks – first follow-up to Medfish4Ever political declaration" is one of the articles available in the Maritime Affairs & Fisheries Newsletter updates. Click here to read the full article: <http://bit.ly/2qTq18R>

Fisheries and Oceans Canada's Canadian Science Advisory Secretariat released their April 2017 publications, which can be found here: <http://bit.ly/2rDMo3s>

"Atlantic Halibut Availability and Market Influenced by Proactive Fisheries Management" is one of the articles available in the May issue of Waypoints, the Gulf of Maine Research Institute's (GMRI) monthly newsletter: <http://mailchi.mp/gmri/yqs5tfqo5p?e=002ac54db3>

"Marching into May talks: LDCs lead the way on climate change" is one of the articles found in the International Institute for Environment and Development's (IIED) May 2017 newsletter. Find the newsletter here: <http://bit.ly/2r4ED5u>

Directions Magazine features "Emerging Trends at the Intersection of GIS & Aerial Imagery" as one of their latest articles. Read this and more at the following link: <http://www.directionsmag.com/>

"Cheticamp River Salmon Association" and other articles can be found in the Atlantic Salmon Conservation Foundation's May updates. Click here to read more: <http://bit.ly/2qzWjHq>

Too Big To Ignore the international research project on small scale fisheries has released their May digest—complete with updates, news and more. Read the latest edition here: [http://toobigtoignore.net/wp-content/uploads/2017/05/Digest\\_May\\_Final.pdf](http://toobigtoignore.net/wp-content/uploads/2017/05/Digest_May_Final.pdf)

Communities, Conservation and Livelihoods May 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/2rcx8YD>

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 May updates can be viewed here:

- May 1: <http://bit.ly/2r1f85u>
- May 8: <http://bit.ly/2rDRjRH>

- May 15: <http://bit.ly/2rV4Kds>
- May 22: <http://bit.ly/2qogF1h>

*Recaps from the April issue...*

Check out the Fishermen and Scientists Research Society's latest news and updates in their spring 2017 newsletter: <http://bit.ly/2pt324Z>



## DEADLINES/FUNDING OPPORTUNITIES

30 June 2017: Abstract submission deadline for International CODATA Conference October 8-13, 2017. More information can be found here: <http://codata2017.gcras.ru/>

30 June 2017: Register now for the MultiSpectral Challenge! Terms and conditions will be made available on this date, at which point your team can confirm registration. For more information visit: <https://www.r2sonic.com/multispectralchallenge/>

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/>

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](mailto:coinatlantic@dal.ca). All comments are greatly appreciated!

Please visit the COINAtlantic *Facebook*, *Twitter*, *YouTube*, and *website* for regular updates.