

COINAtlantic COASTAL UPDATE

August 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)

We regret to inform our readers that Brittany MacGillivray, our interim Project Officer, has left COINAtlantic for a post with the Fisheries and Oceans Canada. We wish her all the best on her future career. 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

COMMUNITIES, CONSERVATION & LIVELIHOODS: CALL FOR CONTRIBUTIONS

The Community Conservation Research Network (CCRN) and the IUCN Commission on Environment, Economic and Social Policy (CEESP) invite you to contribute to the Communities, Conservation & Livelihoods international conference (28-30 May 2018, Halifax, Canada): How are local communities creating change for the better? How can we enhance the practice of and support for community conservation and sustainable livelihoods globally? To propose a session or an individual contribution, go to:

<http://www.communityconservation.net/call-for-contributions/>

NOAA ANNOUNCES THE MARINE DEBRIS MONITORING TOOLKIT FOR EDUCATORS

This Toolkit translates the NOAA Marine Debris Program's Marine Debris Monitoring and Assessment Project, a robust citizen science initiative, for classroom use. The Toolkit is designed to assist teachers in educating their students about marine debris and involving them in marine debris research and outreach. Using the Toolkit, students conduct marine debris surveys, enter data into a national database, analyze data, and become involved in marine debris stewardship within their communities. The Toolkit is available for download at: <http://bit.ly/2xMTn9E>

WORKING GROUP ON MARINE GEOSPATIAL INFORMATION ESTABLISHED BY UN-GGIM 7

A new Working Group on Marine Geospatial Information was established during the 7th Session of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) in New York, USA, from 2-4 August 2017. The event was attended by over 400 delegates and observers. A proposal to establish a dedicated Working Group on Marine Geospatial Information was tabled by the US National Oceanographic and Atmospheric Administration (NOAA) Office of Coastal Surveys (OCS) supported by the International Hydrographic Organisation (IHO).

The report from the Committee of Experts recommending the establishment of the working group can be found here: <http://bit.ly/2vsKlC1>

THE NEW OGC MARINE DOMAIN WORKING GROUP

The Open Geospatial Consortium (OGC) Technical Committee meeting held in Dublin, Ireland in June 2016 saw the establishment of the new Marine Domain Working Group (DWG). OGC's new Marine DWG will investigate some critical issues surrounding the usefulness of marine data for purposes other than navigation. In doing this, it hopes to broaden the use of marine data and create demand for more thorough mapping of the oceans.

The charter for the working group can be found here:
<http://www.opengeospatial.org/projects/groups/marinedwg>

PUBLICATION OF A REVIEW PAPER ON: *DECISION SUPPORT TOOLS IN MARINE SPATIAL PLANNING: PRESENT APPLICATIONS, GAPS AND FUTURE PERSPECTIVES*

Evidence-based decision making is an essential process for sustainable, effective, and efficient marine spatial planning (MSP). In that sense, decision support tools (DSTs) could be considered to be the primary assistant of planners. Although there are many DSTs listed in tool databases, most of them are conceptual and not used in real MSP implementation. The main objective of this review is to: (i) characterize and analyse the present use of the DSTs in existing MSP implementation processes around the world, (ii) identify weaknesses and gaps of existing tools, and (iii) propose new functionalities both to improve their feasibility and to promote their application. [...]

It was observed that limited functionality, tool stability, consideration of economic and social decision problems, ease of use, and tool costs could be considered as the main gaps of existing DSTs. Future developments are needed and should be in the direction of the specific need of marine planners and stakeholders. Results revealed that DST developments should consider both spatial and temporal dynamics of the ocean, and new tools should provide multi-functionality and integrity; meanwhile they should be easy to use and freely available. Hence, this research summarised current use, gaps, and expected development trends of DSTs and it concludes that there is still a big potential of DST developments to assist operational MSP processes.

Read the full abstract and paper at the following link:

<http://www.sciencedirect.com/science/article/pii/S0308597X17301100>

3RD GEO BLUE PLANET SYMPOSIUM REPORT

The Group of Earth Observations (GEO) “Oceans and Society: Blue Planet” Initiative (hereafter “GEO Blue Planet”) aims to ensure the sustained development and use of ocean and coastal observations for the benefit of society. GEO Blue Planet is a network made up of participants from a variety of existing international organizations, regional organizations, national institutes, universities, government agencies, project groups and other interested parties.

The symposium brought together a diverse group of participants to discuss the challenges facing the ocean and how Blue Planet can add value to existing ocean observing activities and programmes by highlighting the societal benefits of ocean observations, engaging with end-users and supporting informed decision making.

To read the full report, please visit: <http://geoblueplanet.com/wp-content/uploads/2016/12/3rd-Blue-Planet-Symposium-Report-1.pdf>



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

“Grand Lake Meadows New Brunswick: Accuracy Comparison of Elevation Datasets” is one of the latest magazine articles from Geomatics Canada. This and other articles can be accessed here:

<http://bit.ly/2uJbL63>

The Coastal Ocean States newsletter has an article on the acidification of Chesapeake Bay entitled “Country’s largest estuary facing increasing acidification risk”. The full article can be found here: <http://bit.ly/2vxElhY>

A new study suggests overfishing of shortfin mako shark (*Isurus oxyrinchus*) in the western North Atlantic Ocean. The study “Satellite telemetry reveals higher fishing mortality rates than previously estimated, suggesting overfishing of an apex marine predator” is available at <http://bit.ly/2vsLYj1> The 2017 report from ICCAT on the shark is available at:

http://www.iccat.org/Documents/Meetings/Docs/2017_SMA_ASS_REP_ENG.pdf

IOC Strategic Plan for Oceanographic Data and Information Management (2017-2021) is now available at:

<http://www.iode.org/mg77>

The Gulf of Maine Research Institute has released the fourth in their series of videos “Gulf of Maine Explained”. All four videos are available for viewing at:

https://www.youtube.com/playlist?list=PL3tOTGIQp_uGIMJU9eK3sQKwRmkeThfFr

ISSD Reporting Services reported on the 23rd Annual Session of the International Seabed Authority 8-18 August 2017. See Summary Highlights of the Meeting at: <http://enb.iisd.org/isa/2017/>

The May issue of the Canadian Ocean Science Newsletter highlights the CNC-SCOR Early Career Ocean Scientist Award winner, Kim Davies, and describes some of the very relevant work she is doing relating whales to their environment. The May newsletter and previous newsletters of the Canadian Oceanographic and Meteorological Society (CMOS) can be found at: <http://cncscor.ca/site/canadianprogram/newsletter>

Articles such as “6th OBIS Steering Group report published” and other updates from the Ocean Biogeographic Information System (OBIS) can be found here: <http://bit.ly/2vMOY6A>

Fisheries and Oceans Canada’s Canadian Science Advisory Secretariat (CSAS) released their July 2017 publications, which can be found here: <http://bit.ly/2wR2SVt>

Featured article: “Climate Adaptation Finance Update: Caribbean Resilience Receives Boost” can be read in the International Institute for Sustainable Development’s (IISD) August updates on their SDG Knowledge Hub. These articles and more can be found here: <http://sdg.iisd.org/sdg-update/2017-08-01/> | <http://sdg.iisd.org/sdg-update/2017-08-03/> | <http://sdg.iisd.org/sdg-update/2017-08-08/> | <http://sdg.iisd.org/sdg-update/2017-08-10/> | <http://sdg.iisd.org/sdg-update/2017-08-15/> | <http://sdg.iisd.org/sdg-update/2017-08-17/> |

“1 Topic, 5 Facts: Marine Protected Areas (MPAs)”, is one of the featured articles in SEVENSEAS’ August issue of their marine conservation and travel magazine. The magazine can be found here:

<https://sevenseasmedia.org/issue-28-august-2017/>

ROVs is the focus in Hydro International’s August 2017 magazine. Inclusive in this issue is the article titled “A New Solution for Subsea Metrology”. The magazine can be found at the following link: <http://bit.ly/2uPNGqt>

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

Directions Magazine features “Highlights from the August 2017 FOSS4G conference in Boston” as one of their latest articles. Read this and more at the following link: <http://www.directionsmag.com/>

Too Big To Ignore, the international research project on small scale fisheries has released their August digest—complete with updates, news and more. Read the latest edition here: http://toobigtoignore.net/wp-content/uploads/2017/08/Digest_Aug_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 August updates can be viewed here:

- July 31: <http://bit.ly/2uQ0kFD>
- August 7: <http://bit.ly/2fLr4EK>
- August 14: <http://bit.ly/2vDLuF6>

Recaps from the July issue...

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/August 2017 newsletter: <https://meam.openchannels.org/meam/issue/july-august-2017-109>



DEADLINES/FUNDING OPPORTUNITIES

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/>

4 September 2017: Deadline for submissions for the 9th Annual European DDI User Conference (EDDI17) DDI - The Basis of Managing the Data Life Cycle, Lausanne, Switzerland, December 5/6, 2017: <http://www.eddi-conferences.eu/eddi17>

15 September 2017: Deadline for abstract submission to the Geomatics Atlantic 2017 conference, being held 23-24 November, 2017. All abstracts must be submitted to geoatlantic2017@gmail.com. For more information, please visit: <https://www.geomaticsatlantic2017.com/>.

15 October 2017: Deadline for abstract submission for the GEO Blue Planet’s supplemental issue for the Journal of Operational Oceanography titled “Ocean Observing for Societal Benefit”. This supplemental issue will focus on end-to-end case studies of ocean observations being used to benefit various sectors of society. For more information on the issue go to: <http://geoblueplanet.com/supplemental-issue-description-august-23/>

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!

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