

===FORM START===

0. Intended/preferred project shortcode if known? (May be altered by OTNDC)

format: XXXX (3-6 uppercase letters that do not already have a representation in the OTN DB. Will be assigned if left blank)

NSDFA

1. Title-style description of the project?

Environmental sensor sites established around Nova Scotia coastline by Centre for Marine Applied Research (CMAR) in partnership with the Nova Scotia Department of Fisheries and Aquaculture.

2. Brief abstract of the project?

format: < 500 words in 'abstract' form

CMAR, in conjunction with the Nova Scotia Department of Fisheries and Aquaculture is currently funding an initiative focused on increasing the understanding of the coastal marine resource. The work involves collecting environmental data to better understand aspects such as the temperature, oxygen, currents and physical properties of the coastline of Nova Scotia. The collection of information relating to the many uses of the resource as well as the experience and understanding of the resource by existing users is fundamental to the success of this initiative. The data collected can then be used to support good decision making in the optimal development of the coastal resource. The data collected through this ongoing project will also be used to inform shellfish, marine plant and finfish aquaculture siting and practices that best suit the environment; provide increased resource information for the commercial and sport fishing industries; provide valuable information to communities for use in coastal planning relating to storm or extreme weather, climate change, tourism opportunities, aquaculture opportunities, and investment attraction. This information and data collection effort is inclusive and is looking for partners in local communities, marine industry experts, traditional knowledge holders, first nations, youth, academics, and government agencies to aid in the activities associated with collecting information.

3. Names, affiliations, email addresses, and ORCID(if available) of researchers involved in the project and their role (principal investigator, technician, researcher, student, collaborator)

If the researcher is the point of contact for the project please identify?

format: Firstname Lastname, Employer OR Affiliation, Project Role, email.address@url.com, point of contact, ORCID

Gregor Reid, Nova Scotia Department of Fisheries and Aquaculture, Principal Investigator,
Gregor.Reid@novascotia.ca,

David Cook, Nova Scotia Department of Fisheries and Aquaculture, Researcher,
David.Cook@novascotia.ca

Jennifer Malec, Centre for Marine Applied Research, Perennia Food & Agriculture Inc., Coordinator,
JMalec@perennia.ca

4. Project URL - can be left blank

5. Species being studied?

format: Common name (scientific name)

n/a

6. Location of the project?

format: (city, state/province OR nearby landmark OR lat/long points in decimal degree), one per line

Bald Rock

Barachois

Barren Island

Beaver Harbour

Birchy Head

Blue Island

Cape Negro Island

Centreville
East Gibbs Island
Eddie Point
English Harbour
Flat Island
Larry's River
Little Rafuse Island
Long Beach
Long Island
Mackerel Island
Madeline Point
McNutts Island
Meal Rocks
Moose Point
New Harbour
Owl's Head
Pirate Harbour
Red Point
Rook Island
Sandy Cove
Seal Cove
Shad Bay
Shoal Bay
Shut In Island
Snake Island
Spry Bay
Tanner Island
Tickle Island
Tor Bay

Tylers Rock

Whitehead Harbour

Whycocomagh

Whycocomagh Bay

7. Start and end dates of the project, if known?

format: YYYY-MM-DD to YYYY-MM-DD

2017-11-01 to 2022-03-31

8. Citation to use when referencing this project:

format: Lastname, I., Lastname, I. YYYY. [Title from question 1 or suitable alternative] Will be assigned if left blank.

Reid, G. 2019. Environmental sensor sites established around Nova Scotia coastline by Centre for Marine Applied Research in partnership with the Nova Scotia Department of Fisheries and Aquaculture.

===FORM END===