

Maritime Remote Sensing Learning Session

5 November 2015

Amherst, Nova Scotia



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Objectives

- To raise awareness, facilitate knowledge exchange, and share experiences in the use of remote sensing technologies and applications particularly related to:
 - Coastal flooding;
 - Habitat mapping;
 - Coastal change detection; and
 - Coastal infrastructure mapping
- Preliminary discussion on ways to build or enhance future collaboration in the Maritime Provinces.

Organizers

- For the Regional Committee for Coastal and Ocean Management Coordinating Committee (RCCOMcc)
 - Kathryn Parlee, Environment Canada
 - Bill Whitman, Province of Nova Scotia
 - Peter McLaughlin, Province of New Brunswick
 - Robert Capozzi, Province of New Brunswick
- For COINAtlantic (ACZISC Secretariat)
 - Andrew Sherin
 - Alexi Baccardax Westcott
- Funded by Department of Fisheries and Oceans and Environment Canada

Agenda

- Introduction / Objectives / Background
- International speakers
 - Jennifer Wozencraft, JALBTCX, US Army Corp of Engineers
 - Jamie Carter, NOAA
- Break
- Speakers
- Lunch (provided)
- Speakers
- Break
- Drone Panel
- Closing Panel
- Next Steps / Discussion

Remote Sensing Inventory

- Remote Sensing Inventory
 - Support RCCOMcc discussions on a future learning session;
 - Provide recommendations for moving forward to improve ecosystem knowledge through enhanced collaboration on information generation and sharing and RCCOMcc's goals.
- The inventory identified 53 different remote sensing technologies:
 - airborne, vessel borne, or satellite based
 - basic information on the technology and in most cases a bibliography and links to useful websites.

Remote Sensing Inventory Recommendations

- Organize a technical learning session;
- Initiate detailed needs assessments and product definition;
- Align the product definition with the potential technologies;
- Initiate a collaborative project to document existing relevant data sets already held by RCCOM members;
- Recommend to provincial and federal agencies that a policy of data sharing be established between all agencies; and
- Execute a risk assessment exercise to determine product and geographic priorities; and
- Report risk assessment results to a potential second learning session possibly for senior managers.

Your Expectations