

ACZISC



ATLANTIC COASTAL ZONE
INFORMATION STEERING COMMITTEE

COASTAL ACTIVITIES IN ATLANTIC CANADA MEETING #66

Date: Wednesday and Thursday, 16-17 May 2012

Location: Industry Seminar Room, Marine Institute, 155 Ridge Road, St. John's, NL

PARTICIPANTS (¹ ACZISC member; ² Advisory Committee member; ³ Director, ACZISC Association)

Name	Affiliation	Email	Telephone #
Kimberly Bittermann	Government of Newfoundland and Labrador, Department of Environment and Conservation	kimberly.bittermann@gov.nl.ca	709-729-1790
Lanna Campbell	Northeast Avalon Atlantic Coastal Action Program	lannacampbell@naacap.ca	709-726-9673
Norm Catto	Department of Geography, Memorial University	ncatto@mun.ca	709-864-8413
Cyr Couturier	Science Atlantic ¹ and Memorial University, Marine Institute	cyr.couturier@mi.mun.ca	709-778-0609
Cheryl Cullen	Natural Resources Canada	cheryl.cullen@nrcan.gc.ca	709-772-5719
Heather Dominie	Memorial University, Marine Institute - student	hdomini2@wave.mi.mun.ca	709-778-0608
Suzanne Dooley	Canadian Parks and Wilderness Society - NL	sdooley@cpaws.org	709-726-5800
Tom Dooley	Government of Newfoundland and Labrador, Department of Fisheries and Aquaculture		709-729-0335
Oliver Dumville	Memorial University, Marine Institute - student	odumvill@wave.mi.mun.ca	709-778-0608
Chantal Gagnon	Southern Gulf of St. Lawrence Coalition on Sustainability	coord@coalition-sgsl.ca	902-242-3032
Randy Gillespie	Memorial University, Marine Institute	randy.gillespie@mi.mun.ca	709-778-0764
Jennifer Hackett	Fisheries and Oceans Canada, Maritimes Region (alternate for Tim Hall ¹)	jennifer.hackett@dfo-mpo.gc.ca	902-426-1491

PARTICIPANTS (continued)

Name	Affiliation	Email	Telephone #
Tim Hall ¹	Oceans, Habitat and Species at Risk Branch, Fisheries and Oceans Canada, Maritimes Region	tim.hall@dfo-mpo.gc.ca	902-426-4116
Michael Hurley	Memorial University, Marine Institute - student	mhurley@wave.mi.mun.ca	709-778-0608
Melanie Irvine	Government of Newfoundland and Labrador, Department of Natural Resources	melanieirvine@gov.nl.ca	709-729-3489
Robin Kieley	Atlantic Canada Opportunities Agency		709-772-3112
Robert Leeman	EITNL Ltd.	rleeman@eitnl.ca	709-738-1638
Phoebe Metcalfe	Northeast Avalon Atlantic Coastal Action Program	naacaptech@gmail.com	709-726-9673
Keith Mercer	Memorial University, Marine Institute	keith.mercer@mi.mun.ca	709-778-0608
Joe Manning	Canadian Hydrographic Service, Fisheries and Oceans Canada	joe.manning@dfo-mpo.gc.ca	709-772-0449
Kevin Mclean	Memorial University, Marine Institute - student	kmclean1@wave.mi.mun.ca	709-351-7360
Robyn Morris	Memorial University, Marine Institute - student	rmorris@wave.mi.mun.ca	709-778-0608
Maureen Murphy Rustad	Director, One Ocean	maureen.murphy@mi.mun.ca	709 778-0511
John Oliver	Government of Newfoundland and Labrador, Department of Natural Resources	johnoliver@gov.nl.ca	709-643-7436
Kathleen Parewick	Northeast Avalon Atlantic Coastal Action Program	paerewyck@hotmail.com	709-728-8393
Sheldon Peddle	ACAP Humber Arm	speddle@acaphumberarm.com	709-637-2883
Johann Pickett	Indian Bay Ecosystem Corp.	jpickett.ibec@eastlink.ca	709-522-3222
Wendy Pratt	Agriculture and Agri-Food Canada	wendy.pratt@agr.gc.ca	902-896-0336
Bobbi Rees	Government of Newfoundland and Labrador, Department of Fisheries and Aquaculture	bobbirees@gov.nl.ca	709-729-0650

PARTICIPANTS (continued)

Name	Affiliation	Email	Telephone #
Matthew Rise	Ocean Sciences Centre, Memorial University	mrise@mun.ca	709-864-7478
Mary Rowlands	Memorial University, Marine Institute - student	mrowland@wave.mi.mun.ca	709-778-0608
Nicole Rowsell	Government of Newfoundland and Labrador, Department of Environment and Conservation	nicolerowsell@gov.nl.ca	709-729-1589
Andy Sherin	ACZISC Secretariat	a.sherin@dal.ca	902-494-6184
Herb Simms	Government of Newfoundland and Labrador, Intergovernmental and Aboriginal Affairs Secretariat	herbsimms@gov.nl.ca	709-729-2839
Stephan Snow	Fisheries and Oceans Canada, Newfoundland and Labrador Region	stephan.snow@dfo-mpo.gc.ca	709-772-2852
Alexi Westcott	ACZISC Secretariat	aczisc@dal.ca	902-494-7162
Elizabeth Young	Canada-Newfoundland and Labrador Offshore Petroleum Board		709-778-4232

Additional contact information for ACZISC Members is available on the ACZISC's [website](#).

***PLEASE NOTE: “Coastal Activities in Atlantic Canada”
is a subset of the Minutes of ACZISC Meeting #66,
held on 16-17 May 2012 in St. John’s NL.***

***To download the Minutes and Coastal Activity reports
of previous ACZISC meetings, access the ACZISC [website](#).***

PRESENTATION and DISCUSSION

- **NL Coastal and Ocean Management Strategy and Policy Framework - Overview and Update of Activities**, Tom Dooley, Director, Sustainable Fisheries and Oceans Policy Division, NL Department of Fisheries and Aquaculture.
- **Climate Change Adaptation in Newfoundland and Labrador: Atlantic Climate Adaptation Solutions Association**, Kimberly Bittermann, Government of Newfoundland and Labrador, Department of Environment and Conservation.
- **Recent Developments in Coastal and Ocean Mapping and Monitoring**, Randy Gillespie, Director, Centre for Applied Ocean Technology, Marine Institute, Memorial University.
- **Successful Coexistence for the Fishing and Petroleum Industries in NL: The One Ocean Model**, Maureen Murphy Rustad, Director, ONE OCEAN.

The meeting presentations are posted [online](#).

ROUNDTABLE REVIEW OF COASTAL ACTIVITIES and UPDATES ON ACZISC RELATED PROGRAMS

NEWFOUNDLAND DEPARTMENT OF FISHERIES AND AQUACULTURE: Bobbi Rees, reported the following:

- Coastal and Ocean Management Strategy and Policy Framework available on the department's website: http://www.fishaq.gov.nl.ca/publications/CoastalStrategy_2011.pdf. Hard copies are available by contacting coastsandocean@gov.nl.ca
- **Coastal Management Areas Activities:**
 - Coast of Bays: June 2012 Climate Change Workshop to be held in Harbour Breton.
 - Placentia Bay Integrated Management Planning Committee: planning a fall 2012 Oceans Conference/ workshop.
 - Great Northern Peninsula ICZM: Fisheries Symposium organized by the Community-University Research for Recovery Alliance (CURRA) and the Bonne Bay Marine Station (Memorial University) to be held Oct 1-4 2012 http://www.curra.ca/documents/CURRA_Newsletter_Spring_2012.pdf.
 - Bay of Islands: ongoing projects include Community Oceans Day clean-up challenge, Coastal Matters Lecture Series and Trading Books for Boats Marine Environmental Education Program. <http://www.acaphumberarm.com>.
- **World Ocean Day 2012:** DFA in collaboration with DFO-NL, CPAWS-NL, WWF, PCA, EC and FFAW have organized a province wide art contest for Kindergarten to Grade 6 students. A family event has also been planned for June 9, 2012 at Fisheries and Marine Institute. Details will be posted on the World Ocean Day-St. John's facebook group as well radio ads, etc.

- DFA's Policy and Planning Branch recently released Jake the Puffin's Amazing Adventure Story and Activity Books. Online copies can be found on our website <http://www.fishaq.gov.nl.ca/education/Jake%20the%20Puffins%20Amazing%20Adventure.pdf> If you would like a free copy of Jake the Puffin's Amazing Adventure or Jake the Puffin's Activity Book (while supplies last) please contact coastsandocean@gov.nl.ca.

FISHERIES AND OCEANS CANADA:

Joe Manning, Canadian Hydrographic Service (CHS), reported the following:

- Coast guard ship Matthew, multibeam dual head, which helps with coverage and what they can do in one bay. Several bays being surveyed this summer.
- Using terrestrial LIDAR/ multibeam to look at the intertidal, and also nearshore: looking sideways at cliffs and dunes etc.
- Collaboration is welcome: it's a big ocean.

Tim Hall, DFO Maritimes, reported the following:

- Work on the St Anns Bank Area of Interest (AOI) is continuing - <http://www.mar.dfo-mpo.gc.ca/e0010385>.
- There has been a partial renewal of the health of the oceans initiative, for one more year, including the National state of the oceans reporting framework.
- Eastern Scotian Shelf Integrated Management (ESSIM) Initiative is wrapping up. The 5 year implementation plan is over. There will be a public report released.
- The report "**Development and Applications of Vessel Traffic Maps Based on Long Range Identification and Tracking (LRIT) Data in Atlantic Canada**" describes geographic information system (GIS) techniques used for a retrospective vessel traffic analysis to produce 13 monthly maps and one 12-month composite map of shipping activity in Atlantic Canada. The application and limitations of LRIT data for marine conservation, environmental protection and response, and integrated coastal and oceans management are also discussed - <http://www.dfo-mpo.gc.ca/Library/345629.pdf>.
- Southwest New Brunswick Marine resources planning initiative is a three year pilot stage with DFO and the New Brunswick government.

Jennifer Hackett, DFO Maritimes, reported the following:

20th Anniversary World Oceans Day Events:

- Halifax Waterfront Annual World Oceans Day Event – The Canadian Coast Guard ship Sir William Alexander will be secured at the MMA during World Oceans Day Celebrations on June 8. The vessel will remain on Search and Rescue stand-by, so there will be no public tours. DFO exhibits about The Gully MPA, Habitat Management's Marine Habitat Model and the Bedford Institute of Oceanography's 50th Anniversary are also highlighted at this annual public event on the Halifax Waterfront which is one of the largest and longest-held [World Oceans Day](#) activities on the East Coast of North America. This event brings together over 30 organizations with exhibits and displays, and annually attracts over a thousand visitors.
- Simultaneous activities during the Halifax Waterfront event include:

- 12:30 PM a [Celtic Mass for the Sea flash](#) mob
 - 1 PM "Wear Blue, Tell Two" - Blue Wave for World Oceans Day (human wave) <https://www.facebook.com/events/360085014050475>
 - Other exhibitor highlights, like book readings.
- SABS is celebrating Oceans Day on Saturday, June 10 in conjunction with the St. Andrews Seafood Festival. For more info: www.standrewsseafoodfestival.ca

BIO 50th Anniversary Celebrations: <http://www.bio2012.ca>

- Five Winners of the BIO-OA School Art/Music Contest will be announced on June 8 World Oceans Day See http://www.bio2012.ca/artcontest_e.php for more info
- On Wed June 13 Kumiko Azetsu-Scott will give the sixth of a series of free Public Talks during BIO's 50th Anniversary for more info http://www.bio2012.ca/lectures_e.php
- September 22-23 (Sat. & Sun.) are BIO's 50th Anniversary Open House - "BIO Ocean Science EXPO 2012" Check http://www.bio2012.ca/expo_e.php for times (School Days are Sept 20-21 and must be pre-booked See http://www.bio2012.ca/schools_e.php for details)
- In recognition of BIO's 50th Anniversary, a special Oceans-themed Teachers Workshop will put on by the Atlantic Geoscience Society is being offered at BIO on 22-23 Aug 2012 see registration form: <http://ags.earthsciences.dal.ca/EdGEO/EdGEO%202012%20registration%20form.pdf>

CANADIAN PARKS AND WILDERNESS SOCIETY: Suzanne Dooley, reported the following:

- "**Science-based Guidelines for Marine Protected Areas and MPA Networks in Canada**" is a report commissioned by the Canadian Parks and Wilderness Society and authored by 14 marine scientists. The report calls for Canada to strictly **protect at least 30% of its oceans in "no-take reserves"** under new guidelines for marine protected areas that would make industrial activities off limits within their boundaries - <http://cpaws.org/news/mpa-guidelines>. The report relates to the CPAWS "Dare to be Deep" campaign - <http://cpaws.org/campaigns/dare-to-be-deep>.

MARINE INSTITUTE: Keith Mercer, reported the following:

- MI Ocean Net – Youth and Conference: initiates, guides, and supports the engagement of youth and community volunteers in all aspects of the marine environment - sustainability, innovation, and leadership. There are usually five or six events per year - <http://www.mi.mun.ca/mioceannet>.
- The Integrated Coastal and Ocean Management Program at the Marine Institute: This program is comprised of two 13-week terms, one six-week technical session and a work term placement - <http://www.mi.mun.ca/ICOM>.

INDIAN BAY ECOSYSTEM CORPORATION: Johann Pickett, reported the following:

Report on recent projects, publications and events:

- Wetland stewardship collaboration with the town of Indian Bay- <http://indianbayecosystem.com>.
- Recently conducted an Indian Bay case study for Climate adaption.

- Migratory bird nesting box workshop and presentation with local schools.
- Ongoing education and awareness about Brook Trout and Atlantic Salmon fishing initiatives in the Indian Bay Watershed Special management Area.
- Strategic Business Plan proposal in partnership with Atlantic Canada Opportunities Agency and the International Bank for Reconstruction and Development for sustainable use of field facility and areas for revenue generation that are within the Indian bay Ecosystem Corp. mandate.
- Collaborations would be welcomed in the form of either research projects or expertise and networking capabilities.

EITNL: Robert Leeman, reported the following:

- Recent oceans-related work undertaken by EITNL in conjunction with the Marine Institute (MI) in St. John's:

- We continue to enhance the SmartBay site (www.SmartBay.ca). We have recently created a web application to track vessel traffic in Placentia Bay in real-time by monitoring ships' Automatic Identification System (AIS signals). This is currently a log-in (not public) application. Our primary interest at this time is in situational awareness.
- SmartBay continues to operate as an information sharing portal for the Placentia Bay Integrated Management Committee.
- As well as being publicly available on the SmartBay website, near real-time SmartBay buoy meteorological/oceanographic information is available as OGC Sensor Observation Services (SOS). Contact Robert Leeman if interested in learning more about this.
- Version 2 of the NL Seabed Atlas has been implemented. See <http://www.seabed-atlas-nl.ca>. This includes some new tools, more layers and more descriptive information than the earlier version. This is primarily a public site, with a few private layers restricted by password. We are always interested in adding more content to this site. Contact Randy Gillespie if you have content that you would like to add to the Atlas.
- MI, with EITNL, have also created private (log-in) web applications for Ocean Choice International (OCI) and Association of Seafood Producers (ASP) for such tasks as real-time fishing vessel tracking and mapping of catch information.
- The Placentia Bay / Grand Banks LOMA has implemented an information website, developed by EITNL and hosted by MI, with the direction and assistance of Geoff Coughlan and others at DFO, St. John's: <http://www.pbgloma.ca>. This is a public site. Contact Geoff Coughlan for more information.

SOUTHERN GULF OF ST.LAWRENCE COALITION ON SUSTAINABILITY: Chantal Gagnon, reported the following:

- **The Community Aquatic Monitoring Program (CAMP):** The Coalition-SGSL advanced the project with reports from DFO. Each estuary will have its own trend analysis report. The groups have provided their feedback on the draft version. Unfortunately, the person responsible for doing this has just gone on maternity leave, so it will take a little longer for each group to get its report. However, 2010 data is on the Regional Sustainability Atlas: www.coalition-sgsl.ca/atlas_php.
- **Canadian Aquatic Biomonitoring Network (CABIN):** This year work was completed looking at developing and advancing the CABIN program in the Southern Gulf. The Coalition-SGSL spent a good portion of the year getting to know the program and working with Environment Canada, Department of Fisheries and Oceans and Agriculture

and Agri-Food Canada, as well as consulting with several interested groups to determine the action plan. This year the Coalition-SGSL will try to implement that plan. If it is successful it may be possible to develop a collaboration that would like CAMP grow to become a good reference source of information on the region's water health.

- **Coastal erosion:** This year the Coalition-SGSL followed-up with meeting with groups and education tools. The Coalition-SGSL developed the Getting started with Coastal Change Monitoring kit for community groups to have a step by step process and some reference tools to start that process. The first step is partnership.
- The Coalition-SGSL been involved with some webinars with the Great Lakes St. Lawrence Symphony. There is one on May 22nd and one on the 24th. This information was sent to the membership. The Coalition-SGSL has also been working on various collaborative efforts through our volunteer group meetings. As well, work has been done on advancing the Coastal Communities Challenges – Community University Research Alliance.
- The Coalition-SGSL has scheduled its annual general meeting this June. The schedule includes a special workshop on setting priority for vulnerability and resilience for coastal communities. With special guest speaker in the evening from Dr. Liette Vasseur. This is part our efforts within the CCC-CURA to help bring scientific information in a useable easy to learn format.
- The Coalition-SGSL is also entering into the review of our Strategic Plan. The Coalition-SGSL are using various methods including surveys, calls to members, in-person meetings, to gather feedback on the existing plan in order to build the new one.
- The Coalition-SGSL is in the process of looking for a new executive director. The Coalition-SGSL is so far having a hard year financially and are waiting for responses from three sources of funding, two are very critical. If these funding applications are not successful, the Coalition-SGSL will need to cease operations for a while. Therefore, the Coalition-SGSL is open to collaboration on projects that could be relevant to our mission. If you have any ideas, please feel free to share.

ACZISC SECRETARIAT: Andy Sherin, Director, reported the following:

- The CoastGIS website is now available on the COINAtlantic server, see: <http://coastgis2013.ca>.
- The ACZISC is now a member of the International Coastal Atlas Network (ICAN) - <http://ican.science.oregonstate.edu>. The ACZISC Secretariat will format a newsletter for ICAN two times a year. The ICAN newsletter is not like the ACZISC's Coastal Update: content will be in the form of articles sent in my members.
- The ACZISC Secretariat has made three proposals to the Coastal Zone Canada 2012 Conference: an open data management paper and session, as well as COINAtlantic training in French and English. - <http://www.czc2012-zcc2012.org>.