

ACZISC



ATLANTIC COASTAL ZONE
INFORMATION STEERING COMMITTEE

COASTAL ACTIVITIES IN ATLANTIC CANADA MEETING #67

Date: Wednesday and Thursday, 19-20 September 2012

Location: Room 228, Hugh John Flemming Forestry Centre, 1350 Regent St,
Fredericton, New Brunswick

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

Name	Affiliation	Telephone #
Robert Capozzi ¹	New Brunswick Department of Environment and Local Government	506-453-8946
Simon Courtenay	Fisheries and Oceans Canada at the Canadian Rivers Institute, UNB	506-452-6212
Adam Fancy	ACZISC Secretariat, Science Horizons Intern	902-494-7452
Michel Goguen ¹	Hydrography (Atlantic), Canadian Hydrographic Service, Department of Fisheries & Oceans	902-426-3497
Tim Hall ¹	Oceans, Habitat and Species at Risk Branch, Fisheries and Oceans Canada, Maritimes Region	902-426-4116
Russell Henry ¹	New Brunswick Department of Agriculture, Aquaculture and Fisheries	506-453-2666
Robert Hughes	New Brunswick Department of Environment and Local Government	506-457-4844
Donald Killorn	Executive Director, Eastern Charlotte Waterways Inc.	506-456-6001
Vladimir Kostylev ¹	Coastal and Shelf Studies, Natural Resources Canada	902-426-8319
Gail Moser	Director General, Policy, Planning, Advocacy and Coordination, ACOA	506-452-3155
Kyle Penney	National Defence, Formation Environment (alternate for Carol Lee Giffin ¹)	902-721-8622
Jean-Pierre Savard	Ouranos	514-282-6464

PARTICIPANTS (continued)

Name	Affiliation	Telephone #
Margo Sheppard	New Brunswick Nature Trust	506-457-2398
Andy Sherin	ACZISC Secretariat	902-494-6184
Erin Taylor	PEI Department of Environment, Energy and Forestry	902-368-6111
Jean-Claude Vautour	Public Works and Government Services Canada (alternate for Bill Blight ¹)	506-851-2474
Sean Weseloh McKeane ¹	Secretariat, Provincial Oceans Network, Nova Scotia Department of Fisheries & Aquaculture	902-424-5830
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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 #67,
held on 19-20 September 2012 in Fredericton, NB.***

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

PRESENTATION and DISCUSSION

- **Southwest New Brunswick Bay of Fundy Marine Resources Planning (MRP) Initiative**, Russell Henry, New Brunswick Department of Agriculture, Aquaculture and Fisheries.
- **National Coastal Assessment for Climate Change**, by Jean-Pierre Savard, Ouranos.
- **Atlantic Climate Change Adaptation Solutions in New Brunswick**, by Robert Hughes, New Brunswick Department of Environment and Local Government.

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

ROUNDTABLE REVIEW OF COASTAL ACTIVITIES and UPDATES ON ACZISC RELATED PROGRAMS

NEW BRUNSWICK:

Robert Capozzi, Department of Environment and Local Government, reported the following:

- Continuing work around the New Brunswick Coastal Areas Protection Policy from 2003. This includes considerations around development around the coast, coastal flooding risks, and keeping people out of the flood risk zone. Review of the wetlands decision making framework is an ongoing project.
- Coastal Areas Protection Policy: <http://www.gnb.ca/0009/0371/0002/Coastal-E.pdf>.
- Politique de protection des zones côtières: <http://www.gnb.ca/0009/0371/0002/Coastal-F.pdf>.

Russell Henry, Department of Agriculture, Aquaculture and Fisheries, gave a presentation, see section #7 above.

Robert Hughes, Department of Environment and Local Government, gave a presentation, see section #10 below.

FISHERIES AND OCEANS CANADA:

Michel Goguen, Canadian Hydrographic Service, reported the following:

- Bathymetric database loading is progressing well. Once loaded the intent is to serve gridded data sets to the public.
- New approach in bathymetric surveys is to leverage the LIDAR technology in the near shore. These surveys are then supplemented using interferometric and multibeam surveys. (i.e. Mahone Bay, Placentia Bay)
- There is a trial under way in British Columbia to acquire soundings the near shore utilizing satellite imagery.
- Development of a national planning tool is underway. The objective is to determine what survey resolution and what navigational products are needed where. Resources will be pooled nationally to address priorities.
- CHS is always looking for partners to address bathymetric gaps.

Tim Hall, DFO Maritimes, reported the following:

- Work on the St Ann's Bank Area of Interest (AOI) is continuing - <http://www.mar.dfo-mpo.gc.ca/e0010385>. Work is now being completed on boundaries to be realised in November. Designation is still more than a year away.
- Funding from the Health of the Oceans initiative finished in 2012, however there is a request for additional funding in progress.
- Eastern Scotian Shelf Integrated Management (ESSIM) Initiative is now officially completed. Rigorous evaluations by a third party, the Stakeholder Advisory Committee,

and internally based on the United Nations Integrated Coastal and Ocean Management guidelines has been worked on and will be released in the next 2-3 months. The focus now is to look at bioregional planning for the whole bioregion of the Scotian Shelf, from Cape Breton to the Bay of Fundy. This work is starting with a bioregional risk assessment.

Simon Courtenay, Fisheries and Oceans Canada at the Canadian Rivers Institute, reported the following:

- Canadian Water Network's Canadian Watershed Research Consortium includes five watershed research nodes; a joint meeting for all nodes will take place 17-18 January 2013.
- The Saint John Harbour - Environmental Monitoring Partnership (SJH-EMP) samples invertebrates (including benthic invertebrates and caged mussels), fish and contaminants year-round in Saint John Harbour. This is a collaboration with Huntsman Marine Science Centre and the Port of Saint John and involves graduate students.
- Northumberland Strait Environmental Monitoring Partnership (NorSt-EMP) met in June and December 2012 to review progress and plans of Mike van den Heuvel's research team (UPEI/UNB/INRS-U.Quebec). As well in fall 2012, NorSt-EMP co-hosted a national workshop on terrestrial impacts on coastal fisheries with Rob Stephenson's NSERC Canadian Fisheries Research Network.
- Climate change is becoming an area of interest at DFO Science, therefore Simon's work may be moving away from the biological effects of contaminants, but will be ramping up work around climate change.

ATLANTIC CANADA OPPORTUNITIES AGENCY: Gail Moser reported the following:

- This is the first time that Gail Moser has attended an ACZISC Meeting. ACOA is in the process of determining who would be a good replacement for Don Hogan, who was a member of the ACZISC but has now retired.

NATIONAL DEFENCE, FORMATION ENVIRONMENT: Kyle Penney reported the following:

- Operational Management Plan: will be completing an update of the management plan document and completing a new data management tool to use for making decisions on training in the Operating Areas. This will enable sustainable management of Operating Areas for MARLANT (Maritime Forces Atlantic) use.
- Follow up on a study to determine ambient noise levels and noise levels from surface weapon firing on nesting shore birds: This year the results of recorded noise compared to ambient will be used to determine if there are any behavioural effects on shore bird populations at various distances, the closest ocean range is 8 km from the nearest land.
- Ongoing work to collect underwater biological Operating Areas to generate a background database. Defence Research and Development Canada (DRDC) is working with MARLANT on this.

NOVA SCOTIA: Sean Weseloh McKeane, reported the following:

- The Nova Scotia Department of Fisheries and Aquaculture is in the midst of moving its office outside of Halifax, and the turnover is near completion. The Aquaculture office is moving to Shelburne. The fisheries office is moving to Digby. These moves are planned to be complete by the end of the calendar year. The department is also going through a hiring process now, and are working with diminished personnel capacity. The Coastal Strategy is still being worked on and does not have a release date.

EASTERN CHARLOTTE WATERWAYS: Donald Killorn, reported the following:

- Eastern Charlotte Waterways is planning work on monitoring through shoreline surveys, including shellfish. The Atlantic Ecosystem Initiative program funding proposals are due this fall and are being evaluated differently than in past years. Information management for the Eastern Charlotte Waterways is currently an area of concern, some of the organization's information is stored better ways than others. Eastern Charlotte Waterways is planning to work with the ACZISC Secretariat through the COINAtlantic Internet Visibility Initiative in the coming months.

NATURAL RESOURCES CANADA: Vladimir Kostylev, reported the following:

- Don Forbes, a past ACZISC representative for NRCan, retired last week but will be staying on in an emeritus capacity. Updates for the NRCan coastal sensitivity map are in progress.

ACZISC SECRETARIAT: Andy Sherin, reported the following:

- Andy Sherin briefly presented 'Canada's Arctic Spatial Data Infrastructure and Marine Cadastre', by José m`Bala Surveyor General Branch, NRCan. This presentation is posted [online](#) and was part of Coastal Zone Canada Conference 2012.
- Andy noted that the CoastGIS2013 website is available at <http://www.coastgis2013.ca>. The conference is scheduled for the June 2013. Conference flyers were distributed in the meeting folders. The 30th November 2012 is the deadline for workshop proposals, and the 15th January 2013 is the deadline for abstracts.
- Andy Sherin is editor of the International Coastal Atlas Network (ICAN) Newsletter. The Second Issue of the newsletter (Volume 1, Number 2, September 2012) is now available. The newsletter includes articles on the Irish Integrated Marine Plan, Activities of the ICAN Technical Team, and activities of ICAN member organizations including ICAN's newest member, Scotland's Marine Atlas - http://dusk.geo.orst.edu/ICAN_EEA/ICAN_Newsletter_September_2012.pdf.

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA: Jean-Claude Vautour, reported the following:

- Work on mapping of some major harbours is ongoing. Orthophoto maps (geo-referenced) have been done for some harbours. Reorganization within the department is expected in the next 2-3 years, leaving uncertainties moving forward, and the probability of contracting out work.

ACZISC SECRETARIAT: Adam Fancy, Science Horizons Intern, see section #8 above.

NEW BRUNSWICK NATURE TRUST: Margo Sheppard, reported the following:

- The NB Nature Trust is a charitable land trust dedicated to the acquisition of private lands in order to ensure that biological diversity is protected in perpetuity. Their main goals have been to protect areas in New Brunswick that are ecologically significant, and to educate the people of New Brunswick about the province's natural heritage and the importance of land conservation.

- To date the NB Nature Trust has protected 15 entire coastal islands in NB, and they are looking at acquiring another. The NB Nature Trust include a map indicating where their nature preserves are located on their homepage: www.naturetrust.nb.ca.