

# COASTAL ZONE CANADA ASSOCIATION

## NEWSLETTER #21, MARCH 2007

This newsletter, which is issued quarterly, is distributed by e-mail to members of the Coastal Zone Canada Association (CZCA), providing news about the Association, its activities and its members, as well as information of potential interest to members. Please feel free to circulate it among your own networks. Also check out the Association's Web site at: <http://www.czca-azcc.org>.

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## VICE-PRESIDENT, GREAT LAKES, REPORT (Patrick Lawrence)

### IJC Releases 13th Biennial Report

In its Thirteenth Biennial Report on Great Lakes Water Quality, released on February 8, the International Joint Commission recommends that the governments of Canada and the United States "create and apply an uncommonly strong Accountability Framework for Great Lakes' restoration and protection" under the Great Lakes Water Quality Agreement.

For more information go to: [http://www.ijc.org/en/publications/pdf/13br\\_e.pdf](http://www.ijc.org/en/publications/pdf/13br_e.pdf)

### New GLIN Maps & GIS for the Great Lakes region

The Great Lakes Information Network, managed by the Great Lakes Commission, has released new maps and GIS data for the region. Current data sets focus on Great Lakes biota, geo/political boundaries, climate/meteorology/atmosphere, elevation, environment, base-maps/earth cover, inland waters/hydrography, and more.

For more information go to: <http://gis.glin.net/>

### IJC recommends a new Great Lakes Water Quality Agreement for the 21st Century

The International Joint Commission of Canada and the United States recommends that the two federal governments replace the current Great Lakes Water Quality Agreement with a shorter and more action-oriented document. The Commission urges that the new agreement be signed by the President and Prime Minister, and endorsed by the U.S. Congress and the Canadian Parliament. It also urges that it include a commitment to the early development of a Binational Action Plan with achievable goals and timelines, measures for evaluating performance, and provisions for monitoring and reporting for greater accountability when it comes to the cleanup of the waters of the Great Lakes.

For more information go to: [http://www.ijc.org/rel/news/061024\\_e.htm](http://www.ijc.org/rel/news/061024_e.htm)

## **Advisory Group suggests guidelines to conserve Great Lakes aquatic habitat from proposed energy projects**

A panel funded by the Great Lakes Fishery Commission has submitted a report recommending steps to assure protection of vital Great Lakes aquatic habitat from disruptions caused by a growing number of proposed energy projects. The panel noted proposals for offshore wind projects in the Great Lakes as well as a history of cooling water intake structures, oil and gas pipelines, and electric cables. The panel said interest in crossing the beds of the Great Lakes with pipelines and in installing wind turbines in the beds of the Lakes, in addition to other proposed lakebed alterations, raises important questions about protection of aquatic habitat that should be addressed through revisions in state and provincial policies.

For more information go to: <http://www.glfc.org/research/reports/Dempsey.pdf>

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## **VICE-PRESIDENT, COMMUNICATIONS REPORT (Grant Gardner)**

Work is proceeding on a long overdue upgrade to the CZCA Web-site. When completed, and in addition to the material currently on the site, it will include the major outcomes of each of our conferences, key background papers, and up-to-date links to upcoming CZC conferences,. A key challenge will be the provision of material in both English and French, but fortunately many of the items are already available in both languages. The site will likely be updated in stages; so keep checking it for improvements! Comments or suggestions on the structure and content of the site can be sent to [ggardner@mun.ca](mailto:ggardner@mun.ca).

CZCA is continuing as a partner in the Oceans Day program of the Canadian Wildlife Federation. The Federation coordinates Oceans Day (OD) activities and develops OD teaching kits (with input from its many partners). CZCA distributes sample kits to its Board members, many of who are involved in specific Oceans Day activities. This year the event will be combined with Canadian Rivers Day into a "Rivers to Oceans Week", and the theme (yet to be decided) will have a northern flavor to reflect the International Polar Year (IPY) 2007-2008.

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## **COASTAL ZONE CANADA (CZC) 2006 CONFERENCE, TUKTOYAKTUK, NORTHWEST TERRITORIES**

Comprehensive reports on the conference were included in the previous two issues of the newsletter ([#19, September 2006](#) and [#20, December 2006](#)). The following is an update to these reports:

The Coastal Zone Canada 2006 Conference resulted in the recommendation that a "body" or "network" be formed that would serve to enhance northerners' understanding of public policy related to Arctic coastal and marine affairs. This recommendation

resulted from the following two, separate deliberations that took place during the conference:

- The Northern Forum, a special meeting of northern participants from across Canada, held during the conference; and
- Discussions of CZCA conference participants at large, the results of which are summarized in the “Tuktoyaktuk Declaration” ([see CZCA Newsletter #19](#)).

Both of these fora recommended the formation of the above-mentioned body or network. As a result, a meeting led by CZCA members Jack Mathias, DFO (retired) and Thomas Suluk, Nunavut Tunngavik Inc., is planned to be held in Ottawa on March 29 and 30 to discuss its establishment. The outcome of this meeting will be reported on in the next issue of the CZCA Newsletter.

The Conference Web site <http://www.czc06.ca> has been updated with the various PowerPoint presentations from the conference.

Good progress is being made on the special issue of the journal “Arctic”, North America’s premier journal of northern research, which will be devoted to the conference and is scheduled for publication in the fall of 2007.

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## SHORT NEWS ITEMS

### **(A) Gulf of Maine Council on the Marine Environment**

On February 1, 2007, the Gulf of Maine Council on the Marine Environment (the Council) released its Action Plan for the next five years, 2007-2012. The Council, a U.S.-Canadian partnership of government and non-government organizations works to maintain and enhance environmental quality in the Gulf of Maine to allow for sustainable resource use by existing and future generations. The Action Plan focuses on three ambitious goals identified by the people living and working in the three states (Maine, New Hampshire and Massachusetts) and two provinces (New Brunswick and Nova Scotia) that border the Gulf: protecting & restoring habitats; focusing on environmental & human health; and supporting vibrant coastal communities. The Gulf of Maine Council organizes conferences and workshops; offers grants and recognition awards; conducts environmental monitoring; provides science translation to management; and raises public awareness about the Gulf of Maine. Since the founding of the partnership in 1989, many members of the CZCA have been involved in Council programs and activities, and have served on its various committees and working groups. Detailed information about the Council’s activities, its Action Plan, its multi-year work plan, and grant opportunities are available at <http://www.gulfofmaine.org>

### **(B) Environmental management and poverty reduction**

The Poverty Environment Partnership (PEP) is an informal network of development agencies, multilateral development banks, UN agencies and international NGOs. It focuses on the critical links between poverty and the environment, particularly the fact

that better environmental management is essential to lasting poverty reduction. Canadian representation on the partnership includes the Canadian International Development Agency, which hosted the eighth meeting held in Ottawa in 2005. For each meeting, PEP issues a corresponding Poverty Environment Partnership Meeting Bulletin. Published by the International Institute for Sustainable Development and available on-line, the most recent issue, which covers the tenth meeting held in Nairobi earlier this year, is available at: <http://www.iisd.ca/africa/aupep/> (click the “*Summary Report*” button). Among the fora that have addressed poverty/environment issues in the coastal zone are the Coastal Zone Canada Conferences, see for example the Conference Statement and Call for Action arising from CZC’94.

### **(C) Arctic impacts of global warming**

The European Newsletter, EUCC Coastal News, reports that a study by a team of Canadian and US scientists predicts that by 2040 global warming could leave the Arctic without ice during the summer months. The research, published in a recent issue of the scientific journal *Geophysical Research Letters*, found that the extent of sea ice each September could be reduced so abruptly that, within about 20 years, it may begin retreating four times faster than at any time in the observed record. The study was jointly conducted by McGill University, The University of Washington and US National Center for Atmospheric Research. For additional information go to: <http://www.eucc.net/en/news/CN07-01.pdf>

### **(D) Environmental Indicators for North America**

Canada and the United States share air currents, water-sheds, ecosystems, and habitats that cross the border. But the two countries often measure environmental conditions and report on them using different indicators. In November 2006, UNEP released *Environmental Indicators for North America*, a 158-page report that looks at the indicators used to describe environmental conditions and trends in Canada and the United States. The report identifies common issues and indicators and suggests a candidate list of feasible environmental indicators to report on the region as a whole. This work responds to an increasing need to develop consistent and comparable approaches to national and regional indicator sets for environmental and sustainability reporting that better address the needs of those involved in making policy decisions at national and international levels. *Environmental Indicators for North America* is freely downloadable at: <http://www.na.unep.net/reports.php#Indicators>

### **(E) 2006 EMAN National Meeting**

Approximately 170 representatives from across Canada attended the 2006 EMAN (Ecological Monitoring & Assessment Network) National Science Meeting held in Winnipeg on Nov 21-25. This year’s conference theme was “Data Outcomes: What have we learned? Who did we tell? What difference did it make?” Dr. Fikret Berkes from the University of Manitoba Natural Resources Institute, one of two keynote speakers, opened the meeting with a talk entitled “Community Based Monitoring: Bridging Scales and Knowledge Systems”. The subsequent discussion focused on indigenous knowledge and its roles and benefits in understanding ecological status and trends. Summaries of the National Science Meeting, as well as the EMAN Business Meeting,

are available on the EMAN Web site at  
<http://www.eman-rese.ca/eman/reports/meetings/national2006/summary.html>

## **(F) New books on coastal & oceans topics worth checking out**

Fish Cognition and Behavior

*Culum Brown, Kevin Laland & Jens Krause (eds); Hardcover; 352 pp; Blackwell Publishing (US); 2006; CAN\$199.99*

Information: <http://www.blackwellfish.com>

Introduction to Coastal Dynamics and Shoreline Protection

*G. Benassai (Ed); Hardcover; 352 pp; WIT Press (US); 2006; US\$195.00*

Information: <http://www.witpressusa.com>

Monitoring in Coastal Environments Using Foraminifera and Thecamoebian Indicators  
*David B. Scott, Franco S. Medioli & Charles T. Schafer; Paperback; 193 pp; Cambridge Univ. Press (UK); 2006; US\$43*

Information: <http://www.cambridge.org>

(Note: Canadian authors; originally published in hardcover in 2001)

Ocean

*Robert Dinwiddie; Hardcover; 512 pp; Dorling Kinderley (DK Publishing) (US); 2006; CAN\$65.00*

Information: <http://isbn.net/book/0756622050>

(Note: Published in association with the American Museum of Natural History; good introduction to the subject; well illustrated)

The Dynamics of Integrated Coastal Management: Practical Applications in the Sustainable Coastal Developments in East Asia

*Chua Thia-Eng; Hardcover & Softbound; 468 pp; PEMSEA (Philippines); 2006; US\$64.00/48.00*

Information: [http://www.pemsea.org/ecomm/onlinestore\\_new.htm](http://www.pemsea.org/ecomm/onlinestore_new.htm)

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## **UPCOMING CONFERENCES AND MEETINGS**

(This item comprises selected events of potential interest to members, the emphasis being on Canadian and US conferences. Events indicated by an asterisk are repeats from previous lists. Members are invited to submit items for inclusion.

\*Apr 16-20, 2007; 9th International Coastal Symposium (ICS2007); Gold Coast, Queensland, Australia; Hosted by Griffith University.

Information: <http://www.gu.edu.au/school/eng/ics2007/>

Apr 24-25, 2007; Science in the Changing North Conference 2007; Yellowknife, NT; Organized by Northwest Territories Environment & Natural Resources and Indian & Northern Affairs Canada.

Information: <http://www.scnconference.ca/>

May 9-11, 2007; 10th Canadian Workshop on Harmful Algae; Mont-Joli, Québec; Sponsored by the Phycotoxins Working Group of Fisheries and Oceans Canada.

Information: <http://www.osl.gc.ca/conf/tox2007/>

May 9-11, 2007; CARICOSTAS 2007 -- 3rd International Conference on Integrated Management of Coastal Zones; Santiago, Cuba; Organized by Univ of Oriente, et al.

Information: <http://www.uo.edu.cu/centros/CEMZC/Ing/>

May 16-18, 2007; Third Annual Atlantic Canadian Coastal & Estuarine Science Society (ACCESS) Conference and Workshop (Theme: Our Changing Ecosystems); Sydney, NS; Hosted by Cape Breton Univ.

Information: <http://faculty.capebretonu.ca/mjones/access/>

\*May 21-26, 2007; Sixth International SAMPAA Conference (Theme: Ecosystem Based Management: Beyond Boundaries); Acadia Univ., Wolfville, NS; Presented by The Science and Management of Protected Areas Association.

Information: <http://www.sampaa.org>

May 24-26, 2007; Regional Workshop: "Planning for Sustainability – From Vision to Action at the Community Level"; Stellarton, NS; Sponsored by the Southern Gulf of St. Lawrence Coalition on Sustainability.

Information: <http://www.coalition-sgsl.ca/workshop>

\*May 28-Jun 1, 2007; "Air, Ocean, Earth and Ice on the Rock" (CMOS-CGU-AMS Joint Congress); St. John's, NF; Hosted by: the Canadian Meteorological & Oceanographic Society, the Canadian Geophysical Union, and the American Meteorological Society.

Information: <http://www.cmos2007.ca/en/index.htm>

\*Jun 11-14, 2007; International Symposium on Integrated Coastal Zone Management; Arendal, Norway; Convened by Institute of Marine Research, Arendal (co-sponsors include ICES).

Information: <http://www.imr.no/iczm/>

\*Jun 30-Jul 3, 2007; 13th International Conference on the Environment (topics include: environmental issues in New England and the Maritime Provinces; coastal management issues; and community and sustainability); Portland, Maine; Presented by the Interdisciplinary Environmental Association.

Information: <http://www.ieaonline.org>

\*Jul 22-26, 2007; "Coastal Zone 07" (Theme: Brewing Local Solutions to your Coastal Issues); Portland, Oregon; Sponsored by NOAA Coastal Services Center.  
Information: <http://www.csc.noaa.gov/cz/>

\*Jul 31-Aug 3, 2007; International Association for the Study of the Commons (IASC) 2007 Conference (Theme: Transitions in defining and utilizing North American commons); Corner Brook, NF; Hosted by Sir William Grenfell College, Memorial University of Newfoundland.  
Information: <http://www.swgc.mun.ca/iasc2007/index.asp>

\*Aug 20-24, 2007; IPY (International Polar Year) GeoNorth 2007 (1st International Circumpolar Conference on Geospatial Sciences & Applications); Yellowknife, NT; Organized by: Natural Resources Canada, Can. Inst. of Geomatics, and NT Centre for Geomatics.  
Information: [http://ess.nrcan.gc.ca/ipygeonorth/index\\_e.php](http://ess.nrcan.gc.ca/ipygeonorth/index_e.php)

\*Sep 29-Oct 4, 2007; "Oceans 2007" (Theme: On the Edge of Tomorrow); Vancouver, BC; Sponsored by MTS/IEEE-OES.  
Information: <http://www.oceans07mtsieevancouver.org>

Sep 30-Oct 3, 2007; 34th Aquatic Toxicity Workshop (Theme: Navigating New Waters); Halifax, NS; Sponsored by the Aquatic Toxicity Workshop Board.  
Information: <http://www.atw.ca/>

Oct 1-3, 2007; Scientific Workshop on the Impact of Global Climate Change on the Arctic Coastal Zones (Theme: Arctic Coastal Zones at Risk); Tromsø, Norway; Organized by LOICZ, AMAP and IASC.  
Information: <http://w3k.gkss.de/events/arctic07/>

Oct 26-Nov 2, 2007; PICES 16th Annual Meeting (Theme: The Changing North Pacific: Previous patterns, future projections, and ecosystem impacts); Victoria, BC; Sponsored by PICES / Hosted by DFO and PICES.  
Information: <http://www.pices.int/meetings/>

May 23-29, 2008; Coastal Zone Canada 2008 Conference; Vancouver, BC; Sponsored by the Coastal Zone Canada Association.  
Information: [francisk@pac.dfo-mpo.gc.ca](mailto:francisk@pac.dfo-mpo.gc.ca)

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