

Introduction

Welcome to the first edition of *MAP Matters*, our newsletter aimed at keeping students, alumni, faculty and friends of MAP informed on current and future activities in the Marine Affairs Program.

As you read *MAP Matters*, you will quickly recognize that this process has already begun and that there is much that our students, alumni, faculty and friends are engaged in under the MAP banner.

Lucia Fanning, MAP Director



Lucia Fanning, Director and Becky Field Administrator

MAP's New Vision

Following an internal review in 2004, MAP underwent an exercise of updating its vision, mission and goals, under the directorship of Dr. Gary Newkirk. During the winter of 2005, an ad hoc committee drafted a discussion document which was

presented to a larger MAP constituency at the MAP retreat in May 2005. The MAP Vision, Mission, Values, Strategic Approach and Actions document was adopted as a working document at the MAP Program Management Committee meeting held on September 28, 2005.

The Vision of MAP is:

To be the foremost provider of interdisciplinary education for marine management professionals, thereby advancing sustainable ocean uses and healthy marine environments.

The MAP Mission, with its emphasis on education, research and service, will create an inquiring and stimulating learning environment that supports the Dalhousie Faculty of Management's vision of "Management Without Borders" by building on extensive global-to-local marine management networks. MAP's purpose is directed towards:

EDUCATION

Develop outstanding marine management professionals, through promotion of synergies between the humanities, social sciences, professions and natural sciences, who will demonstrate broad awareness of the need for interdisciplinary knowledge and viewpoints, as well as the skills and tools needed to make informed decisions;

RESEARCH

Catalyze interdisciplinary marine-related research by advocating the rigorous pursuit of knowledge in a broad array of scholarly topics that are attractive to MAP students and researchers, in addition to other

educational, governmental, NGO and private sector organizations;

SERVICE/OUTREACH

Share marine management expertise, and related skills, within the Dalhousie community and worldwide, through a network of faculty, graduates and associates.

We welcome your comments on the above statements. For those who are interested in the full Vision documents, please contact Becky Field, Administrator at marine.affairs@dal.ca.

MMM Application Deadline Coming Soon!

For those interested in applying to the Master of Marine Management degree program, the deadline for receipt of applications for financial support is January 31, 2008. Applicants are encouraged to seek external scholarship funding in advance. For all others, the deadline is February 29, 2008.

If you would like to receive an application package, contact Becky Field, Administrator at marine.affairs@dal.ca or at 902-494-3555. Becky would also be happy to answer any questions you have about the application process. See also www.marineaffairsprogram.dal.ca for more details.

MAP statistics

Did you know:

- ❖ The total number of graduates of the Diploma of Marine Affairs and the Master of Marine Management degree

program is 309 from > 40 countries

- ❖ 171 scholars have been supported by CIDA to Dalhousie University from 1986-2007
- ❖ The CIDA scholars came from 36 countries, 41% from the Asia/Pacific region, 31% from the Caribbean and Latin America and 28% from Africa.
- ❖ The percentage of women that have attended the MMM and LLM programs under the CIDA program is 39%. In the past 6 years, the percentage is 47%.
- ❖ The gender distribution of the DMA/MMM alumni is 44% women, 56% men.

MMM 2006-2007 Graduating Class

On August 24, the members of the 2006-2007 MMM Class presented the results of their graduate project research during a one day symposium which was attended by faculty, internship hosts, alumni, academic supervisors and members of the incoming MMM class. It was a fast paced day of presentations that covered co-management (community based, fisheries), marine transportation and maritime security issues, integrated coastal and ocean management challenges.

The MMM 2006-2007 class of 16 were made up of students from New Zealand, Bangladesh, Nigeria, Mauritius, Fiji, Antigua, Vietnam, the Philippines, Panama and Canada. In the picture below (left to right) are Melissa Smith, Marina Winterbottom,



Lisette Muaror-Wilson and Donald Aldous, members of the class that attended the convocation ceremony on Sunday October 21. Congratulations from the faculty and staff of MAP!

The MMM Gold Award recipient for the 2006-2007 MMM class was recently presented with the Master of Marine Management Gold Award. The recipient is Marina Winterbottom. Congratulations to Marina!



The Gold Award is named in honour of Dr. Edgar Gold, CM, QC, one of the founders of the Dalhousie Ocean Studies Programme. An annual financial award is presented to the most deserving MMM graduate at the end of each academic year in October. The recipient(s) are identified within the annual peer group of MMM graduates according to academic performance and overall ability to reflect the ideal graduate as the "honest broker" - i.e. one who is mindful of the complementary and competing multi- and inter-disciplinary interests that influence the design, implementation, and outcome of the management process in marine affairs. The Gold Award recipient is the student who best exemplifies MAP's objectives of providing its graduates with the

knowledge, skills and attitudes necessary to be a leader in the field of marine affairs.

MMM Class of 2007-2008

This year the class is smaller than what it has been in recent years. There are 10 full time and 5 part time students. Christopher Burbidge was chosen by the MAP Admissions Committee to receive the Douglas M. Johnston Maritime Awards Society of Canada (MASC) Scholarship in Marine Affairs. Chris graduated from St Mary's University in 2004 with a Bachelor of Science degree in Environmental Studies (with a minor in Business). Chris has volunteered at the marine turtle conservation program at the NGO Centro Ecologico Akumal which is located on the Caribbean coast of Mexico. Just prior to joining MAP, Chris taught English in Kaohsiung, Taiwan.



MAP Research

Uruguay

The Sustainability of Uruguay's Coastal Zone is a five year project to develop a Masters Degree in Coastal Zone Management in Uruguay. It is funded by the Canadian International Development Agency (CIDA). The principal activity addressed by the joint Uruguayan-Canadian team has been curriculum development. The interdisciplinary Canadian team is made up of individuals from the faculties of

Engineering, Arts and Social Sciences, Management, Science, Law, Environment Canada and the Atlantic Canada Action Program (ACAP) – 16 communities from Atlantic Canada that have been created, with the help of Environment Canada, to address local coastal issues.

Nunavut

The Nunavut Project has been created for the purpose of creating a coastal resource inventory using Traditional Knowledge (known as Inuit Qaujimajatuqangit or simply as “IQ”) presently contained in the experiences of elders. Funding for this initiative has been provided by Indian and Northern Affairs Canada and the Government of Nunavut. The project has two goals: the acquisition of IQ from older individuals in each of the 26 communities that comprise Nunavut in order to preserve that information for its historical and cultural value. The second goal is to create maps in GIS format that will permit development of new resource-based opportunities while helping to sustain existing resources.

To date, a team made up of Bob Fournier, Bob Moody (former Deputy Minister of education in Nunavut, Marguerite Cassin (Professor of Public Administration) and Janelle Kennedy (MAP 2005-2006) has carried out a preliminary feasibility study and is now embarking on a Phase 1 pilot in the community of

Igloolik, about 800 km northwest of Iqaluit. Robert Fournier is shown in the photo below during a visit to Igloolik earlier this year.

Whites Point

After three years, four scoping sessions, 15 days of public hearings and 6000 pages of documentation the Whites Point Quarry and Marine Terminal environmental assessment ended on 23 October 23 with the simultaneous release of the Joint Panel’s report by federal and provincial ministers. This Panel was chaired by Bob Fournier and also contained two other Dalhousie Professors: Dr. Jill Grant from Planning (Faculty of Architecture) and Dr. Gunter Muecke from Earth Science (Faculty of Science). A copy of the report can be found at

<http://www.gov.ns.ca/enla/ea/whitespointquarry/WhitesPointQuarryFinalReport.pdf>

Social, Cultural, and Economic Overview & Assessments (SECOA): Best Practices Review Project

The aim of this project was to conduct a domestic and international review and analysis of best practices, models, case studies, methodologies, of social, cultural, and economic overviews and assessments and processes to include this information in management plans. The review will be used to develop

recommendations and guidance for conducting social, cultural, and economic overviews and assessments in LOMAs, as identified in Canada’s Oceans Strategy. The team working on the project consisted of Dr. Tony Charles, MAP Adjunct Professor, Liz Wilson, MMM 2006-2007, Marina Winterbottom, MMM 2006-2007, Sonja Mills and Sara Pullen.

Arctic Shipping Impact Study (ASIA)

Transport Canada’s Sustainable Development Branch has awarded a contract to the Marine Affairs Program to undertake Part I of a review of the impacts of projected shipping activity in the Arctic.

The exercise will take the form of a scoping study that will set the parameters for Part II of the exercise, the ultimate purpose of which will to provide insights into the environmental social and economic impacts of expanded shipping activity, the challenges that these impacts present and how these challenges might best be addressed. The project team will be comprised of J. Richard (Dick) Hodgson, MAP Adjunct Professor, James Calvesbert, MMM 2000-2001 and MAP Instructor and Marina Winterbottom, MMM 2006-2007.

MAP Events

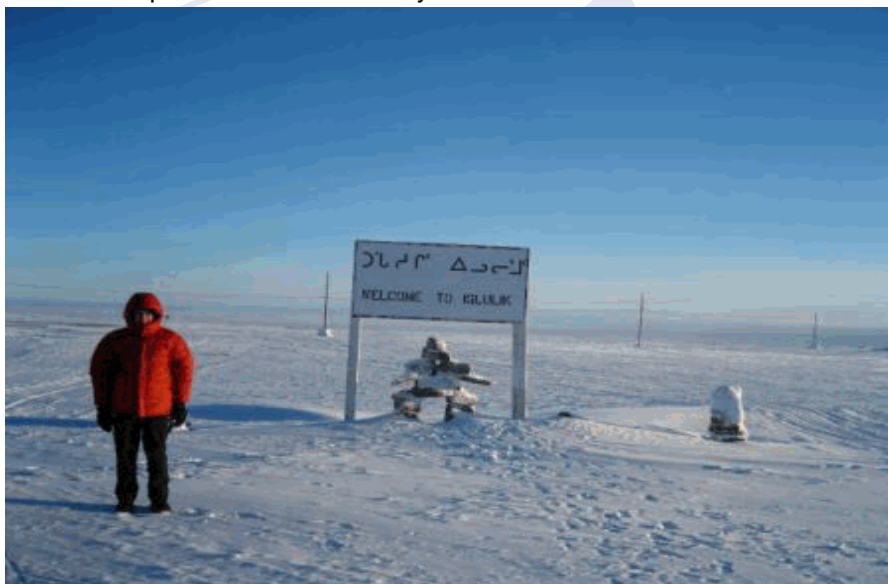
Marine Affairs Program Seminars

October 3, 2007

Enabling Self-Organization for Good Governance in Fisheries - **Robin Mahon**, Director of the Centre for Resource and Environmental Studies (CERMES), and Professor of Marine Affairs, University of the West Indies, Cave Hill Campus, Barbados

October 15, 2007

Participatory Planning using the Coastal Transects Analysis Model (CTAM) - **Ratana Chuenpagdee**, Canada Research Chair in Natural Resource Sustainability and



Community Development, Memorial University of Newfoundland



Alumni of the 1996-1997 MMM class along with MAP friends and faculty on the Mar II in Halifax Harbour.

October 29, 2007

The Expected and Not-so-Expected Encounters in the Professional Life of a Marine Management Graduate - Members of the 1996-1997 MMM class spoke informally about their experiences over the past 10 years of working in marine affairs

November 26, 2007

Protecting Nova Scotia's coastal systems through a provincial coastal strategy - Jen Graham, Coastal Issues Coordinator, Ecology Action Centre, Halifax, NS

Joint Speaker Series

The Marine Affairs Program, Marine & Environmental Law Institute and Centre for Foreign Policy Studies have joined together to present a Speaker Series titled:

With or Without Ice?: Perspectives on Polar Governance

Polar regions have moved to the forefront of public and political concerns in light of warming waters, loss of sea ice, invading species, long-range transport of contaminants and tensions over security and sovereignty. The Arctic seems to be on the verge of a new development era with expansions in offshore oil and gas operations, shipping and tourism. This speaker series will examine the adequacy of existing governance arrangements for the Arctic and Antarctic and explore prospects for strengthening

national, regional and multilateral governance approaches.

The first presentation in the series, *"The Antarctic Treaty System: Past, Present and Future"* took place on October 10, 2007 with a presentation by **Marcus Haward**, Associate Professor, School of Government and Institute of Antarctic and Southern Ocean Studies, University of Tasmania, Australia. Dr Haward is also Program Leader: Policy Program, Antarctic Climate and Ecosystems CRC.

The next presentation, on November 14, 2007, **Dr. Rob Hubert**, Department of Political Science, University of Calgary, Associate Director of the Centre for Military and Strategic Studies, Research Fellow, Centre for Foreign Policy Studies, Dalhousie University will talk about *Canada's Arctic Policy*.

Recent Publications

Fanning, L. M. 2007. Evaluating Community Fish Quota Management in Atlantic Canada: Lessons from the Start-Up Years. *Maritime Studies*. 5 (2): 27-54.

Fanning, L., R. Mahon, P. McConney, J. Angulo, F. Burrows, B. Chakalall, D. Gil, M. Haughton, S. Heileman, S. Martinez, L. Ostine, A. Oviedo, T. Phillips, C. Santizo, B. Simmons and C. Toro. 2007. A large marine ecosystem governance framework. *Marine Policy* 31: 434-443

Thompson, M. H. 2007. Fostering sustainable behaviours in community-based co-managed fisheries. *Marine Policy*. In press.

Elvin, S.S., and Taggart, C.T. 2007. Right whales and vessels in Canadian waters. *Marine Policy*. In press.

MacDougall, L., R. McCall, K. Douglas, T. A. Cheney, M. Oetelaar, K. Squires, C. V. Alvarez Saules, H. Alidina, E. Nagtegaal-Cunningham, S. C. Weseloh-McKeane, J. J. Y.

Araula, N. Md. Humayun, S. Lawson, N. C. Chiasson, G. C. Diaz, T. A. Choy, K. E. Ankamah, B. O. Ohowa, A. T. Toribio, J. J. de Toro, R. O. Fournier and C. T. Taggart, 2006. Marine invasive species in North America: Impacts, pathways and management. *Ocean Yearbook* 20: 435-469.

Curran, K. J., P. G. Wells and A. J. Potter, 2006. Proposing a coordinated environmental effects monitoring (EEM) program structure for the offshore petroleum industry, Nova Scotia, Canada. *Marine Policy* 30: 400-411.

If you have recently published your research, please send us a copy of the paper. We will add it to the list of publications on the MAP website at www.marineaffairsprogram.dal.ca.

MAP Matters is the newsletter of the Marine Affairs Program, Faculty of Management, Dalhousie University. Feel free to distribute to your colleagues worldwide.

We welcome your input and contributions to this newsletter. Please send news along with photos of your current activities to the coordinates below.

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