

## Joining forces to strengthen principled ocean governance

MAP, along with the Marine & Environmental Law Institute (MELI) and the International Ocean Institute (IOI-Canada), in collaboration with the Centre for Resource and Environmental Studies (CERMES) at the University of the West Indies, have obtained funding from the Nippon Foundation to pursue a project aimed at strengthening regional ocean governance. The core of the project is the delineation of an ocean governance model that provides a clear elucidation of context specific institutional linkages germane to that region and, cross-cutting lessons that could be transferred to the broader ocean governance community. To assist in achieving the project goals, a pilot study in the Caribbean Large Marine Ecosystem (LME) will be implemented.

The Caribbean LME is an ocean space shared by 26 countries and 19 territories where marine resource utilization is critical to the social, cultural and economic well being of some 100 million people.

The countries of the Caribbean range from among the largest (e.g. Brazil, USA) to among the smallest (e.g. Barbados, St. Kitts and Nevis) in the world, and from the most developed (e.g. US) to the least developed (e.g. Haiti, Guyana, Dominica). Consequently, there is an extremely wide range in their capacities for ocean governance with many being incapable of providing the training necessary to

build up their capacity for ocean governance. The majority of countries, many of them categorized as small island developing states, are designated as low income countries with limited human, financial and technical resources and all have an unbalanced dependence on the sea for economic livelihood as well as nutritional and cultural well-being.

### Program Elements

The main components are:

- capacity development
- collaborative research through graduate student projects and workshops
- seminars

### Capacity Development

The project will build capacity in the area of ocean governance by utilizing both graduate level and short term training in the area of ocean governance.

- Master level students at Dalhousie (MMM and LLM)
- Master level student at CERMES
- Participants at the IOI Ocean Governance Training Program in Halifax
- Caribbean lecturers at the IOI Ocean Governance Training Program in Halifax

### Collaborative Research and Workshops

An essential component of the project in terms of establishing a network between Dalhousie University, the University of the West Indies and key members of the ocean governance policy community in the Caribbean is the opportunity to bring together regional players in a workshop setting to discuss and advance issues of sustainable ocean governance. Proposed areas for collaborative research undertaken with the specific involvement of the graduate students include:

- Sustainable Transboundary Management of Large Pelagics, Including Tuna;
- Ocean Boundary Disputes and Transboundary Cooperation;
- Sustainability Principles in Ocean Governance Practice;
- Compliance and Enforcement in Ocean Governance;
- Information and Data Management Relevant to Marine Policy in the Caribbean.

### Seminars

The establishment of the network envisaged by this program would enhance the flow of people between Atlantic Canada and the Caribbean, in both directions. The presentation of formal seminars would provide an important stepping off point to enlist new personnel, engage new ideas and generally broaden the reach of the network.



Caribbean nationals interested in applying for the Nippon graduate scholarships for September 2008 should contact MAP at [mapadmin@dal.ca](mailto:mapadmin@dal.ca).

## MAP looks forward to hosting Nippon Fellow

In its ongoing commitment to contribute to helping mid-level professionals from developing countries obtain the knowledge needed for their countries to formulate comprehensive ocean policy, the Nippon Foundation awards a total of 10 fellowships each year to applicants from around the world. This year, MAP is pleased to welcome Dr. Asha Singh as one of this year's successful Nippon Fellowship applicants and to serve as the academic hosting unit for a six-month period, commencing in April 2008. Dr. Singh, a native of the Caribbean, will focus her studies on examining the applicability and implications of UNCLOS to sustainable management of regional seas. She will be a significant addition to the breadth of interdisciplinary expertise one can usually find associated with MAP.

For more information on the Nippon Fellowships, see [www.un.org/depts/los/nippon/](http://www.un.org/depts/los/nippon/)

## MAP Admissions

MAP is now accepting applications to the Master of Marine Management degree program for the 2008-2009 academic year starting in September. Information on applying to the program is on the MAP website at [www.marinaffairsprogram.dal.ca](http://www.marinaffairsprogram.dal.ca).

The application process is easy! All MAP needs to know about you as a potential marine manager is the grades from previous degrees (transcripts), 3 letters of reference, your statement of objectives (what is an important marine affairs issue, what you expect to learn to be able to tackle that issue, how will it enhance your career) and your publication track record.

When should potential applicants start the process? Any time! Contact the MAP office to find out the details of the application process. Do you want to speak with an instructor in the program? MAP can help you arrange contacts with teaching faculty whose research fits your interest.

## MAP News Reunion in China

In October three MAP alumni crossed paths in China. **David Griffiths** (Canada, MMM Class of 2004-2005) was in Shanghai to conduct a seminar on Maritime Confidence-Building Measures at Shanghai Fisheries University, in conjunction with the inauguration of its new Institute of the Law of the Sea and Fisheries Law. The event had been arranged by **Dr. Hanling Wang** who had spent a year in Halifax as an IOI and MAP postdoctoral fellow in 2002, and is now Associate Professor at the Center for International Law Studies of the Chinese Academy of Social Sciences.



After the seminar, David remained in China to explore the country, first around Shanghai and then by high speed rail to Qingdao where classmate **Zijun (Carol) Xu** and her husband Fanzhou both work at the Monitoring Centre of the North China Sea Branch of China's State Oceanic Administration. The tempo of activity there is high at the moment because Qingdao will be the venue for 2008 Olympic sailing events. Zijun is now the mother of a beautiful 9-month old baby boy, Xiangshuo, shown here with his mother and a genuine Halifax souvenir – a Theodore Tugboat plush toy [Ed: by the way, the real Theodore Tugboat is owned by **Peter Murphy**, MMM 1997]. David also spoke to law students at

the Ocean University of China in Qingdao before traveling on to Beijing for meetings arranged by Hanling and, of course, to spend time exploring that fascinating city too. The whole two-week experience was a good reminder that in this global village, the MAP family is indeed a close and happy member of the community.



## Wedding News

Congratulations to **Huong Thi Thi Doan**, MMM 2007 and Kieu Trung Liem who were married on January 6, 2008 in Ho Chi Minh City. Huong is the Vice Branch Director of the Ho Chi Minh City Branch of the Vinaship Joint Stock Company. **Lisette Wilson** and **Robert Capistrano**, Huong's classmates, were able to attend the wedding festivities that took place in Hanoi, Vietnam.





## Conference News

### Pacem in Maribus XXXII

**Lucia Fanning** attended the 32nd PIM Conference, held in Malta on November 5-8, 2007. She gave a paper on the challenges of implementing a regional governance approach for the shared living marine resources of the Caribbean. Her attendance was sponsored by the IOI-Headquarters Civil Society Responsive Grant from the Commonwealth Foundation.

The **International Symposium on Integrated Coastal Zone Management** was held in Arendal, Norway in June of 2007. Selected manuscripts from the conference will be published in December 2008 by Wiley – Blackwell Publishing in a book titled “Integrated Coastal Zone Management”. Three MMM alumni will have chapters in this book.

**M. A. L. Siddique** and J. H. Volpe – Eco-friendly sustainable shrimp aquaculture in Bangladesh: A way of minimizing coastal degradation

**Robin S. McCall** and **Talia A. Choy** – Integrated Coastal Zone Management (ICZM) in Guyana: development carriers, opportunities and recommendations

### OMRN

MMM alumni attended the *Ocean Management Research Network (OMRN) National Conference “Canada’s Oceans: Research, Management and the Human Dimension”* in Ottawa in late October 2007. Presentations made by **MMM alumni** were:

**S. Coffen-Smout** - Monitoring Offshore Protected Areas on the Scotian Shelf from an Office Cubicle

**L. Fanning** and R. Mahon - The LME Governance Framework as a Context for Assessing Governance

**M. Landry** and **C. Taggart** - Green Turtles: Conservation and Eco-Tourism

R. Cameron, **R. Capistrano**, **M. Landry** and **D. Logan** - Community

Involvement in Integrated Coastal Management: A Glance at Practices in the Maritimes, Canada and Abroad

T. Horsman, J. Smith, **M. Hurlburt**, D. Fenton and G. Bondt - A Gap Analysis to Facilitate Marine Conservation Planning in the Maritimes Region Offshore

**M. Thompson** – ISO 14001: Quality Environmental Management Standards for Marine Protected Areas?

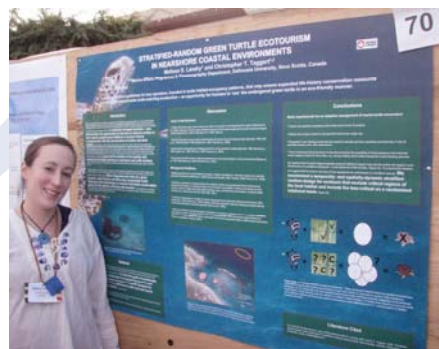
**L. Wilson** - A Preliminary Snap Shot of Social-Ecological Relationships and the Role of Community Based Integrated Management

**M. Winterbottom** - Sustainability for Spawners in Light of the Live Reef Food Fish Trade: Towards a Qualitative Decision-Making Framework

You can access the abstracts and presentations at <http://www.omrn-rngo.ca>

### Turtle Symposium

The 28<sup>th</sup> Annual Symposium on Sea Turtle Biology and Conservation – Native Oceans was recently held in Baja California Sur, Mexico. **M. Landry** presented her poster, “Stratified-Random Green Turtle Ecotourism in Nearshore Coastal Environments”.



If you have recently published your research or made a presentation at a conference, please send us a copy of the paper, abstract or conference presentation title. We will add it to the list of publications on the MAP website at

[www.marineaffairsprogram.dal.ca](http://www.marineaffairsprogram.dal.ca).

## MAP Events

### Marine Affairs Program Seminars

Friday, February 22, 2008

*Fisheries Management in New Zealand* - **Stefan Leslie**, MMM 1997, Deepwater Manager, Ministry of Fisheries, New Zealand, Room 309, Dalhousie Law School, Dalhousie University Campus – 9:00-10:30 AM

January 25, 2008

*Aquaculture – Feeding Humans with Healthy and Environmentally Sustainable Foods* – **Cyr Couturier**, Research Scientist and Chair, MSC Aquaculture Program, Centre for Aquaculture and Seafood Development, School of Fisheries, Marine Institute of Memorial University of Newfoundland

### Shipping in the Canadian Arctic: the Challenges and Opportunities

The Company of Master Mariners of Canada, Maritimes Division along with co-hosts, the Marine Affairs Program, Det Norske Veritas, Lloyd's Register and the American Bureau of Shipping will present a day long workshop on Wednesday February 27, 2008 at the Rowe Building, Dalhousie University. Details are on the MAP website.

### Maritime Dimensions of Emergency Management

The Emergency Management Association of Atlantic Canada (EMAAC) in partnership with MAP, the Centre for Foreign Policy Studies at Dalhousie and the International Centre for Emergency Management Studies of Cape Breton University will host an informal roundtable discussion on maritime dimensions of disaster response on Friday February 29, 2008. For information, contact [editor@emaac.net](mailto:editor@emaac.net).

### European Union Law Public Lecture Series

*An Integrated Maritime Policy for the EU: An Innovative Approach to EU Policy-Making* – Haitze Siemers, Maritime Policy Task Force, EU Brussels, Friday March 28, 1200-1330, Dalhousie Law School Rm 105

## **Joint Speaker Series continues**

The Marine Affairs Program, Marine & Environmental Law Institute and Centre for Foreign Policy Studies joined together in the Fall of 2007 to present a Speaker Series titled:

### **With or Without Ice?: Perspectives on Polar Governance**

Nigel Bankes, Professor at the Faculty of Law, University of Calgary will give the 4<sup>th</sup> presentation in the series on **Polar Bears and Climate Change: International and National Legal Responses**, Wednesday, February 20, 2008, 4:30 - 6:00 PM, Room 3089, Kenneth C. Rowe Management Building, 6100 University Avenue, Dalhousie University.

The third presentation in the Polar Governance series took place on January 22 with Ron Macnab's presentation **Partitioning the Central Arctic Ocean Among Five Coastal States: Will it be Resolved by Contention or by Consensus?**

The following is an abridged version of an article published in the Trident News (the newspaper of the Maritime Forces Atlantic), January 28, 2008 edition. The full article can be found at <http://www.tridentnews.ca/default.asp?ID=3572>

### **Staking claim on Arctic requires more than a flag**

*by Blake Patterson, Trident Staff*

The partitioning of sovereign rights in the Arctic will require more than sticking a flag in the seabed under the North Pole.

"There's a lot of misinformation about the political fate of the Arctic Ocean," said Ron Macnab, a member of the Canadian Polar Commission, speaking January 22 to a group of about 30 students, faculty and people interested in polar issues at Dalhousie University.

He said the flag planting is "by no means a proper territorial claim" but it does illustrate the increasing

importance countries are placing on the region. He said it should be seen as a "significant achievement" because it clearly demonstrates Russia's ability to control and explore the region more easily than any other country at this time.

Macnab explained the United Nations Convention on the Law of the Sea (UNCLOS) entitles the five coastal states that border on the Arctic Ocean—Canada, Russia, Denmark, Norway and the United States—to claim extended continental shelves beyond their usual 200 nautical mile limits. Cumulatively, these extensions could occupy most of the central Arctic Ocean, and their northward convergence could lead to overlapping claims between adjacent and opposite states.

According to Macnab, this means the five coastal states—within their extended continental shelves—will be able to exercise sovereign rights that pertain to the use and exploitation of the seabed and its resources. These resources could include oil, fish stocks and minerals such as manganese, nickel, copper, cobalt and gas hydrates.

As such, he said it's essential the boundaries of the extended shelves be clearly defined to avoid contention between coastal states over the geographic scope of their respective jurisdictions.

To do this he said, the first step must be to find a way for countries to "go about slicing the pie in an equitable fashion." The difficulty in doing this stems from efforts to determine the extent of the continental shelf of each country.

Although the process and review by the scientific commission seems cumbersome, Macnab said it has the potential to base the boundary decisions in measured science rather than heated politics.

"It's a very disciplined process," said Macnab. "It's messy at times, but it prevents a land grab." He said having the UN scientific commission in place will help ensure some basic

principles are part of the ongoing management of a region he calls the "common heritage of mankind."

In all, he said the successful resolution of claims in the area will depend on the ability of the five countries to share data and work collaboratively in the coming decades. He said the three rules to ensure an equitable partitioning of the Arctic will be to "Talk to your neighbours, listen to your neighbours and work with your neighbours."



Ron Macnab is a member of the Canadian Polar Commission who spent most of his working career as a marine geophysicist at the Bedford Institute of Oceanography.

Since retiring, he has pursued activities related to ocean mapping and to the delimitation of the outer continental shelf, chairing the Editorial Board for the International Bathymetric Chart of the Arctic Ocean (IBCAO), and the Advisory Board on Scientific and Technical Aspects of the Law of the Sea (ABLOS).

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. Please send news along with photos of your current activities to:

Marine Affairs Program  
[Marine.affairs@dal.ca](mailto:Marine.affairs@dal.ca)  
Phone 902-494-3555  
FAX 902-494-1001  
[www.marineaffairsprogram.dal.ca](http://www.marineaffairsprogram.dal.ca)