

INTERNATIONAL OCEAN INSTITUTE



COURSE REPORT

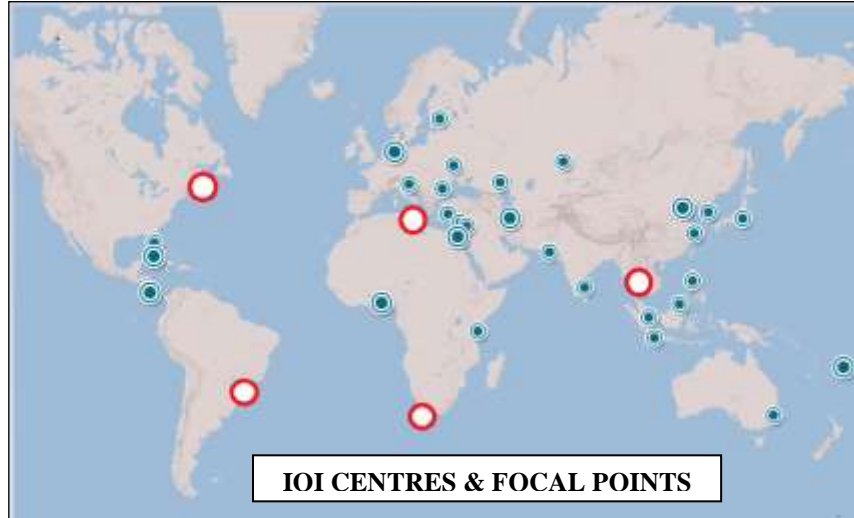
IOI-Canada Alumni Refresher Course 2020

Ocean Governance: Issues of Immediate Concern

16th November – 11th December 2020

INTERNATIONAL OCEAN INSTITUTE

IOI-Canada is a leading member of the International Ocean Institute’s network of centres and focal points operating worldwide in over 30 countries. One of the earliest IOI centres to be established, it was set up by Elisabeth Mann Borgese in 1979 soon after she arrived at Dalhousie University in Halifax, Nova Scotia, and it has been based at the university for the four decades since then. It is one of the network’s five Training Centres (see map).



Registered as the “IOI-Canada Association”, IOI-Canada is a not-for-profit organisation, federally incorporated under the Canada Corporations Act and governed by a Board of Directors. It is guided by the IOI-Canada/Dalhousie Oceans

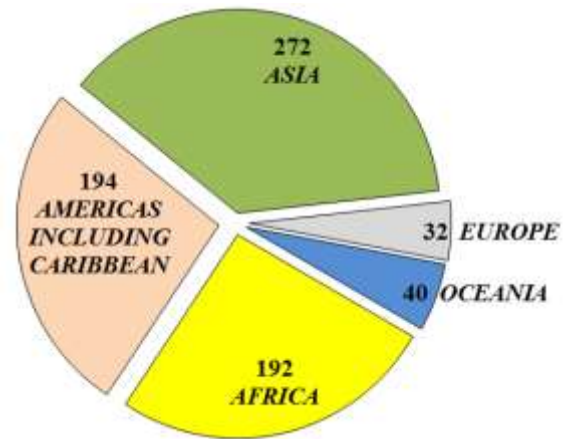
Advisory Committee and staffed by an experienced team of professionals, augmented by Senior Research Fellows and interns who contribute to its activities. IOI-Canada is the regional co-ordinator of the IOI centres in the Americas, namely IOI-Brazil, IOI-Costa Rica, IOI-Cuba and IOI-USA, in addition to the Canadian centre. The international headquarters of the IOI have been located in Malta since being founded in 1972 by Elisabeth Mann Borgese. Information on IOI headquarters and the network as a whole can be found at www.ioinst.org.

IOI-Canada’s mission is to promote responsible ocean governance and the stewardship and sustainable use of coastal and ocean resources in Canada and around the world. Its goals are to encourage and develop the potential and capacity of individuals, institutions and communities to foster:

- a network of individuals dedicated to effective coastal and ocean governance;
- management, education, training, research and outreach; and,
- sustainable and prosperous coastal communities.

IOI-Canada accomplishes its mission and goals through three main activities: education and training, collaborative research and outreach. The provision of interdisciplinary training is its major focus, and through its flagship course in Halifax, it has trained nearly 740 individuals from over 100 countries around the globe.

ALUMNI BY REGION



DIRECTOR'S INTRODUCTION



The planning and delivery of IOI-Canada's 40th annual Ocean Governance Training Program were brought to a resounding halt at the end of March by the onset of the Covid-19 pandemic. This resulted in the cessation of all face-to-face tuition at our host, Dalhousie University. It was particularly disappointing because the delivery of the 40th program was planned to be an especially auspicious occasion. Anniversary celebrations were to be overseen by IOI's Honorary President, Dr Awni Behnam, who was scheduled to join us for the final week, as he had done for almost all of IOI-Canada's 8-week Training Programs since 1981. The cancellation of the course was a great

disappointment for all those associated with it, particularly IOI-Canada's staff, the lecturers, field trip personnel and last, but by no means least, the provisionally accepted course participants. Fortunately, we were able to cancel all of our reservations, including accommodations, without penalties. All of our training over four decades has been of the face-to-face (F2F) variety, so, with Covid rampant, we had to consider alternative delivery mechanism, however alien they might be. During the de-briefing sessions with participants at the conclusion of the Training Programs, an oft' heard suggestion was the request for a Refresher Course, so the idea of an online variant was born. In October we began planning a Refresher series of nine seminars to be entitled "Ocean Governance: Issues of Immediate Concern", very much a trial initiative (beta test) for IOI-Canada. An email was circulated to IOI-Canada alumni to determine possible interest in such a course. The response was immediate and positive and indicated the topics which would be of particular interest.

With support of our Senior Research Fellows and other loyal lecturers we prepared nine lectures, covering the topics most in demand, to be delivered on Zoom in November and December. The lectures were delivered synchronously and were also available asynchronously, to accommodate the timetables of all participants, located worldwide. We had the benefit of excellent IT support, that proved fundamental to the technical success of the program. Feedback from the course participants has subsequently confirmed the validity of the Refresher Series. For those who did not have the pleasure of participating during the course, it was possible to do it via the self-paced learning option with lecture recordings and online materials. We must admit that we were quite "outrageous" in our promotion of the Elisabeth Mann Borgese book of essays on Ocean Governance and Capacity Building. Prepared by IOI-Canada, this 2018 publication (by Brill) proved to be an ideal complement to the refresher course with all its essays openly accessible online for free download (<https://brill.com/view/title/36420>).

"[T]his first alumni course -- the first online initiative of IOI -Canada -- [is] a clear example of its resilience and leadership as the spiritual hub of IOI, as designed by our Founder, Elisabeth Mann Borgese".

Awni Behnam
Honorary President, IOI
(Opening Remarks of Alumni Refresher Course)

Reflecting on this new experience in the role of online Course Moderator, I would flag four main points:

1. The relative ease of moderating a group of participants who are "known" to IOI-Canada versus a group of strangers !

2. The critical importance of having expert IT support.
3. The benefit of flexibility to extend the end time of the webinar to accommodate as much discussion as possible.
4. The need to design the schedule of topics so that the linkages are apparent and can be reinforced by the lecturers.... and by the moderator (which is something we could strive to do more of another time). The fact that the IOI-Canada lecturers know each other and their respective research facilitates this.

The delivery of face-to-face programs in 2021 does not look encouraging, given the persistence of Covid-19 and the limited availability of vaccines throughout the world. So, based on our recent experience, more online training is being considered including an extended Refresher Series of lectures for IOI alumni generally (not just IOI-Canada alumni), to be planned and delivered as a collaborative initiative of IOI-Canada and IOI-South Africa at dates to be determined.

Michael J.A. Butler
Director, IOI-Canada & 2020 Course Moderator

COURSE OVERVIEW

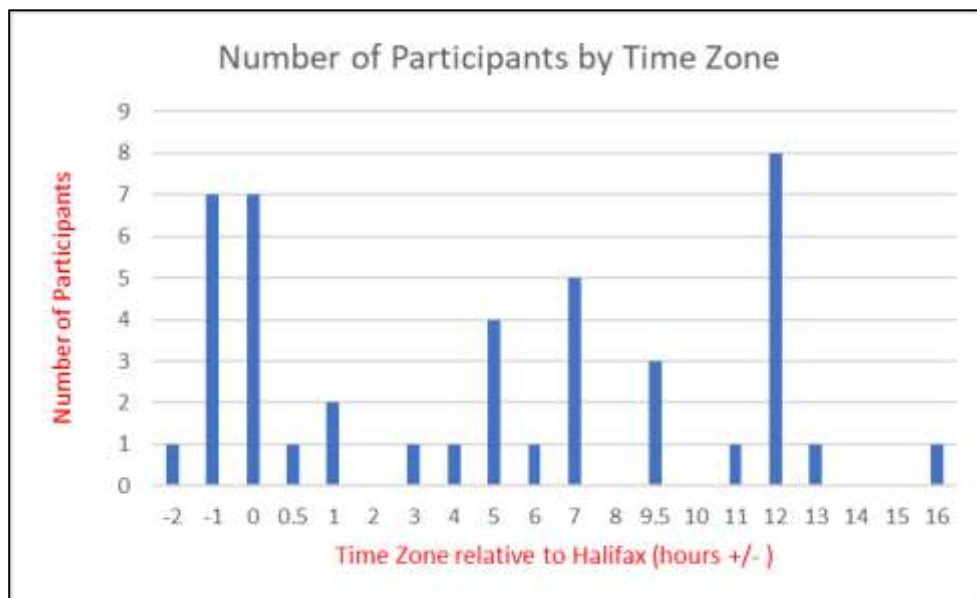
With Covid-19 restrictions making face-to-face training impossible, IOI-Canada took the plunge into the world of online training with its inaugural Alumni Refresher Course on *Ocean Governance: Issues of Immediate Concern* from 16th November to 11th December 2020. Funded by the Ocean Science and Research Foundation, this free course was designed to offer IOI-Canada alumni the opportunity to:

- update their knowledge and understanding of key topics relating to coastal and ocean governance,
- share experiences and best practices from around the world,
- network with a range of alumni and speakers,
- strengthen their links with IOI.

It was also intended to serve as a useful pilot project which IOI-Canada could build on and expand in 2021, if the preferred option of traditional face-to-face training proves not to be possible. Response from the alumni was strong with 75 expressing interest to an initial e-mail and 44 signing up to participate, despite very short notice and other commitments. They represented 30 countries in Africa, Asia, the Caribbean, Europe, South America and the South Pacific, came from a range of different sectors and backgrounds, and included alumni from all four decades of the training programme.



Obviously one challenge with distance learning for such a geographically scattered group is navigating the time differences. As the chart below shows, registrants were located in 15 different time zones across 18 hours. To accommodate this, each session was offered live over Zoom but also recorded and made available for later viewing, with participants allowed to sign up for as many or few lectures as they



wished, and to participate synchronously or asynchronously or in a blended format. This seemed to work well and also enabled participants in similar time zones to Halifax to fit it around their work. As one put it: *“Self pace learning allowed me to be flexible with my time. On days I could not actively participate but rather listen in on the session it allowed for me to reference and catch up on the moments I missed. This option works best especially when you have a conflicting schedule and really want to do it all.”* There was also sufficient flexibility that participants could adapt their mode of learning during the course, as happened with one who was bravely aiming to stay awake for a 2.30 a.m. live session -- *“I was all excited and setup with my laptop but my eyes weren't cooperating by 1.30am.”* In such cases, access to the course Google Drive with all the lecture recordings was invaluable!

The course consisted of a series of nine webinar-style sessions presented over a 4-week period by highly experienced academics and practitioners, all of whom have been involved as speakers for our annual training programme, including two of our own alumni. See below for details. Topics ranged from fisheries and climate change to maritime security and health of the ocean. All focused on key issues in current ocean governance which could be of importance for professionals in the field. It was therefore encouraging to receive feedback such as these comments from one of the participants (who originally attended the training programme about 15 years ago): *“The course has not only refreshed my knowledge but also provided me with updates on the various topics related to coastal and ocean governance. It has been very beneficial to me especially because I teach most of these topics..and now I can incorporate new ideas and examples from different parts of the world into my lessons.”*

Interaction and moderated discussion were considered key to engaging the audience and ensuring that relevant questions could be addressed and experiences shared, so plenty of time was scheduled in each session for that. (Indeed, many sessions ran overtime with discussion continuing for an extra half hour or so.) Recommended readings were provided for each lecture and were posted at http://internationaloceaninstitute.dal.ca/readings_AlumniRefresher.html so that participants could prepare in advance. Good use was made of contributions to *The Future of Ocean Governance and Capacity Development: Essays in Honour of Elisabeth Mann Borgese*, together with thought-provoking questions where available. A dedicated course Facebook group was also set up so that participants could network amongst themselves, if they wished.

“The course was worth every moment. Each slide and presenter made the information and learning experience interactive and insightful.”

Course Participant

Although online delivery cannot provide anything like the “true IOI experience” of face-to-face training, the course proved to be successful and was well received. In the words of Amy Aai Sheau Ye, the alumna invited to speak on behalf of the participants at the Closing: *“This refresher is an excellent taster for the in-person IOI course... The online alumni refresher offers the same multidisciplinary approach with emphasis on the long-standing issues in ocean governance... I think this experimentation with a new learning channel – this online approach – I think it went really well.... I really enjoyed the learning process and if one good thing has come out of the Covid-19 situation, I think it is the online classes which makes it so much more accessible to many others...”* In such a grim year for so much of the globe, this was indeed good to hear and made the time and effort of switching to online training worthwhile.

COURSE SCHEDULE

(All sessions: 10.00-11.30 a.m. AST)

Date	Lecture	Speaker
Mon. 16th Nov.	Opening of Training Programme	Dr Awni Behnam, Honorary President, IOI; former Assistant Secretary General, United Nations Mr Michael Butler, Director, IOI-Canada & 2020 Course Moderator
	Why Do Small-scale Fisheries Matter for Ocean Sustainability?	Dr Ratana Chuenpagdee, University Research Professor, Memorial University of Newfoundland; Senior Research Fellow, IOI-Canada
Wed. 18th Nov.	The International Decade of Ocean Action (2021-2030): Stepping Up to Meet Our Ambitions and Targets	Dr Larry Hildebrand, Distinguished Scholar and Special Advisor, WMU-Sasakawa Global Ocean Institute; Adjunct Professor, World Maritime University and Dalhousie University; Senior Research Fellow, IOI-Canada
Mon. 23rd Nov.	Adaptation to Climate Change and the Ocean	Dr Daniel Lane, Professor Emeritus, Telfer School of Management, University of Ottawa, & Associate Professor, Centre de Recherche Marine, Université Sainte-Anne
Wed. 25th Nov.	The Nexus of Threatened Marine Mammals and Commercial Fisheries	Dr Sean Brilliant, Manager, Marine Programs, Canadian Wildlife Federation, c/o Department of Oceanography, Dalhousie University; Senior Research Fellow, IOI-Canada
Mon. 30th Nov.	Blue Economy, Ocean Governance and LOS	Dr François Bilet, Senior Legal Officer, Division for Ocean Affairs and Law of the Sea, Office of Legal Affairs of the United Nations
Wed. 2nd Dec.	Emergency Management in the Coastal Zone	Ms Murielle Provost, Program Coordinator and Instructor, Emergency Management, Shannon School of Business, Cape Breton University
		Mr David Griffiths, Honorary Fellow, National Centre for Maritime Policy Research, Bahria University; Research Fellow, Centre for the Study of Security and Development, Dalhousie University & Senior Research Fellow, IOI-Canada
Mon. 7th Dec.	Maritime Security – Challenges, Obligations & Opportunities	Cdr Bob Edwards (ret'd), Retired Naval Officer, Halifax

Date	Lecture	Speaker
Wed. 9th Dec.	Health of the Ocean	Dr Peter Wells, Adjunct Professor, Marine Affairs Program, Dalhousie University; Senior Research Fellow, IOI-Canada
Fri. 11th Dec.	Progress Towards a New High Seas Treaty	Dr Susanna Fuller, Vice-President, Operations and Projects, Oceans North; Senior Research Fellow, IOI-Canada
	Closing Remarks	<p>Mr Michael Butler, Director, IOI-Canada & 2020 Course Moderator</p> <p>Ms Amy Aai Sheau Ye, Maritime Consultant, Sharina Shaukat and Partners, Malaysia (invited representative of participants)</p> <p>Dr Awni Behnam, Honorary President, IOI; former Assistant Secretary General, United Nations</p>

REGISTERED COURSE PARTICIPANTS



ALBANIA

2013: Dr Kuenda Laze, Invited Lecturer, Polytechnic University of Tirana

ANTIGUA AND BARBUDA

2004: Mr Philmore A. James, Environmental Scientist (Independent)

2015: Ms Annabel Fuller, Communications and Administrative Officer, Barbuda Ocean Club

BAHAMAS

2019: Ms Indira N. Brown, Fisheries Officer, Ministry of Agriculture and Marine Resources

2019: Ms Morlette Johnson, Chief Counsel, Officer of the Attorney General

BARBADOS

2007: Mr Philip S. Jackman, Deputy Chief Fisheries Officer (ag), Fisheries Division

BRAZIL

2016: Ms Mirella de Oliveira Leis, Project Coordinator, Ocean Frontier Institute (now in Canada)

CAMEROON

2019: Ms Kong Mukwele Sheila, Office Head of Over-flight and Landing of Aircrafts and Movements of Vessels and Ships, Ministry of External Relations

CAPE VERDE

2016: Dr Corrine Almeida, Biological Oceanographer, Atlantic Technical University

CHINA

2016: Ms Wan Fangfang, Associate Research Fellow, National Marine Data and Information Service, Ministry of Natural Resources

2018: Mr Sun Yonggen, Senior Engineer, Ministry of Natural Resources, First Institute of Oceanography

COLOMBIA

2008: Dr Diego L. Gil-Agudelo, Director of Research Operations, Texas A&M University at Galveston (now in USA)

COSTA RICA

1983: Mr Jorge Arturo Campos Montero, Professor, FUNDEPOS Alma Mater University



FIJI

2005: Ms Dilpreet Kaur, Teaching Assistant, School of Marine Studies, University of the South Pacific

INDIA

1984: Dr Sunil Murlidhar Shastri, Director, OceanGovernance Ltd (now in UK)

1999: Dr V. Madha Suresh, Professor, University of Madras

INDONESIA

2015: Ms Dysi Polite Dyspriani, Coastal Community Empowerment Analyst, Ministry of Marine Affairs and Fisheries

JAMAICA

2006: Mr Ian Jones, Senior Fisheries Officer, National Fisheries Authority, Ministry of Agriculture and Fisheries

2007: Ms Lisa Grant, Director, Group Legal Services and Administration, Technological Solutions Ltd

JAPAN

2012: Ms Emi (Shimada) Azegami, Senior Administrator, Human Resources Division, Sasakawa Peace Foundation

KENYA

2001: Dr Benjamin Mwashote, Director of Research, School of the Environment, Florida A & M University (now in USA)

MADAGASCAR

2011: Mr Pascal Andriamanambina, President, Association de Techniciens Environnementalistes de Fort Dauphin

2018: Ms Sariaka Rakotondrazafy, Founder and Volunteer Director, SE Impacting Lives through Opportunities (now in Canada)

MALAYSIA

2010: Dr Illisriyani Ismail, Research Officer, Universiti Putra Malaysia

2016: Ms Amy Aai Sheau Ye, Maritime Consultant, Sharina Shaukat and Partners

MONTSERRAT

2010: Mr Alwyn Ponteem, Chief Fisheries and Ocean Governance Officer, Fisheries and Ocean Governance Unit, Government of Montserrat

NIGERIA

1998: Dr Wonotanzokan Tagowa, Professor, Federal University Wukari



OMAN

1997: Dr Anbiah Rajan, Scientist - Marine Water Quality, Environment Agency (now in UAE)

PERU

2002: Ms Carmen Moreno Escobar, Chief, Legal Affairs Department, Instituto del Mar del Peru

PHILIPPINES

1997: Ms Sandra V.R. Arcamo, Chief, Fisheries Resource Management Division, Bureau of Fisheries and Aquatic Resources

1998: Mr Joseph John M. Literal, Assistant General Manager, Philippine Reclamation Authority

2005: Ms Marita P. Rodriguez, Executive Director, NGOs for Fisheries Reform (NFR)

2006: Ms Lorelei E. Peralta, Planning Officer, National Mapping and Resource Information Authority

ROMANIA

2015: Dr Razvan Mateescu, Researcher and Project Manager, National Institute for Marine Research and Development

SPAIN

2015: Mr Gonzalo Garcia de Arboleya de la Quintana, Project Officer, European Commission (now in Belgium)

SRI LANKA

2011: Mr Parinda Ranasinghe, Additional Solicitor General, Attorney General's Department

ST LUCIA

2010: Ms Allena Joseph, Fisheries Biologist, Ministry of Agriculture, Fisheries, Physical Planning, Natural Resources and Co-operatives

2014: Ms Yvonne Edwin, Fisheries Biologist, Ministry of Agriculture, Fisheries, Physical Planning, Natural Resources and Co-operatives

ST VINCENT AND THE GRENADINES

2019: Ms Alisa Martin, Fisheries Officer, Ministry of Agriculture, Rural Transformation, Forestry, Fisheries and Industry



SURINAME

2006: Ms Muriel P. Wirjodirjo, Head, Coastal, Inland and Deep Sea Fishery, Ministry of Agriculture, Animal Husbandry and Fisheries

2011: Mr Radjeskumar Asraf, Policy Officer, Fisheries Department, Ministry of Agriculture, Animal Husbandry and Fisheries

TURKEY

1992: Dr Huriye Kubilay, Professor, Faculty of Law, Izmir University of Economics

1995: Dr Vahdet Unal, Professor, Faculty of Fisheries, Ege University

1996: Dr Ejbel Cira Duruer, Senior Expert, Turkish Coast Guard

Note: Date denotes year of participant's original training programme in Halifax

SPEAKERS

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