

INTERNATIONAL OCEAN INSTITUTE



COURSE REPORT

**IOI-CANADA ONLINE COURSE ON
OCEAN GOVERNANCE: SDG 14 AND
THE UN SUMMIT OF THE FUTURE**



11th April – 1st June 2023

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DIRECTOR'S INTRODUCTION



This year's course, entitled "Ocean Governance: SDG 14 and the UN Summit of the Future" is the third full length (8 week) online training program that IOI-Canada has delivered since 2020, dictated by the covid pandemic. Delivered from Tuesday, April 11 to Thursday, June 1, 2023, it involved 131 participants, of whom 25 joined "live" and 106 participated asynchronously (self-paced), as all lectures were recorded and then made available. Nearly 50 countries were represented in total.

The three-module format utilized in 2022 proved to be successful and was again adopted in 2023, i.e. Law of the Sea and Ocean Governance; Fisheries, Aquaculture and Food Security; and State of the Ocean. The order of the modules, to a certain extent, was dictated by the availability of the lecturers. Each module consisted of 5-6 lectures, with two lectures scheduled per week.

As in previous years, the training program was based on four paramount UN programs: The UN Law of the Sea; the UN Decade of Ocean Science for Sustainable Development (2021-2030); the Intergovernmental Oceanographic Commission (IOC) of the UN Educational, Scientific and Cultural Organization (UNESCO), that coordinates the Decade's activities; and The United Nations Development Program (UNDP) that is responsible for implementing the Sustainable Development Goals (SDGs). In the context of the course title, my introduction in Session 1 referenced the Mid-Point Review of the 2030 Agenda for Sustainable Development and Implementation of the 17 SDGs in New York on 18 Sept. 2023. This will be followed by the UN Ocean Decade Conference in Barcelona (April 10-12, 2024) and 5 months later the UN Summit of the Future in New York (Sept.22-23), described as a "booster shot" for the SDGs by the UN Secretary General. The IOI-Canada course presented a progress (or otherwise) report for a number of the SDG 14 targets, as we head to the 2024 UN Summit.

"This being my first online course I really did enjoy it so much that I am looking forward to do more... I fell in love with SDG 14 and I now know that what I'm doing is making that goal easier to achieve."

Participant, St Vincent and the Grenadines

The ongoing decline of ocean health has been clearly documented by the Second World Ocean Assessment (2021) and the CoP 27 Global Summit on Climate Change in Sharm El Sheik in Egypt (Nov. 2022). The release of the 6th Assessment Report (AR6) by the Intergovernmental Panel on Climate Change (IPCC), this year further confirmed the serious challenges faced by the world.

"This was the best introduction to ocean governance and policy I could wish for. It was great (this should be in capital letters). I have learned so much."

Participant, Canada

Although not comparable pedagogically to IOI-Canada's customary 8-week residential Ocean Governance Training Program at Dalhousie University, the online courses do reach a far wider global audience, thanks to the ability to accommodate both synchronous and asynchronous participation. Our growing experience with online delivery, aided by feedback from our participants, has facilitated a modest increase in participant interactivity with the lecturers and fellow participants. This has been aided by the encouragement of a group Facebook usage, required readings and assignments, quizzes, facilitated discussions

and viewing of recommended videos. The receipt of a course certificate is dependent on accomplishing these tasks. The challenge of engaging the majority of the “live” participants, however, continues to require attention, as mentioned in previous online course reports.

We will strive to return to our annual in-person Ocean Governance Training Program, but probably to be complemented by on-line offerings, that undoubtedly have a wide global demand because of their ability to accommodate busy work schedules and their zero cost (to date) for the participants.

“I think asynchronous training is very relevant to participants that are working full time. More flexibility to catch up with lecture.”

Participant, Solomon Islands

I must conclude these introductory comments with the very sad news of the death on June 8 of Commander Bob Edwards (Ret’d), who delivered on April 20 his customary insightful lecture on Maritime Security (this year in the context of SDG 14). An IOI-Canada alumnus himself, Bob has been one of our most loyal lecturers for over 20 years. He had already offered to lecture for us in 2024, and I had gladly accepted his kind offer. Bob will be sorely missed by his many friends and colleagues.

Michael J.A. Butler
Director, IOI-Canada and 2023 Ocean Governance Course Moderator

ACKNOWLEDGEMENTS

IOI-Canada gratefully acknowledges financial support for this course from both the [International Ocean Institute Headquarters](#), which is the IOI network's secretariat based in Malta, and the [Ocean Frontier Institute](#), a global leader for innovative ocean research, headquartered at Dalhousie University. Their generous contributions enabled us to organise and deliver the training free of charge to over 130 participants, most of whom were from developing countries and many of whom were from departments or organisations whose capacity to support training opportunities is very limited, particularly given current global circumstances.

“I would not have applied if there was a course fee. My country is still recovering from the Covid-19 pandemic and lacks sufficient funds to pay this course for me.”

Participant, The Gambia



Dalhousie University... and the ocean

Last but not least, gratitude is owed to all the course speakers who generously shared their time, experience and expertise despite the challenges and limitations of online teaching. Thank you for helping IOI-Canada continue to provide valuable ocean governance training to an international audience in what are still difficult times for in-person programming.

As ever, IOI-Canada would also like to express appreciation of its host organisation, [Dalhousie University](#), which has provided crucial in-kind support for more than 40 years. Ocean studies are one of Dalhousie's main focuses and strengths. Building on its prime location by the Atlantic, it was the first university in Canada with an Oceanography Department and subsequent Canadian firsts have been its Marine and Environmental Law Program, its Marine Affairs Program and its undergraduate degree in Ocean Sciences. Linked to its ocean learning, Dalhousie has also developed a broad range of expertise in ocean research and is increasingly defined as a world leader in this field.

“Although I did the self-paced version and couldn't interact directly with any of the teachers, it was clear that they are all highly knowledgeable, approachable and passionate about their work and about the ocean.”

Participant, UK (based in Colombia)

INTERNATIONAL OCEAN INSTITUTE

IOI-Canada is a leading member of the International Ocean Institute’s network of centres and focal points operating worldwide in around 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 40+ years since then. It is one of the network’s designated Training Centres.



IOI-Canada’s home at Dalhousie

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 Ocean Advisory Committee and staffed by an experienced team of professionals, augmented by Senior Research Fellows who contribute to its activities. The



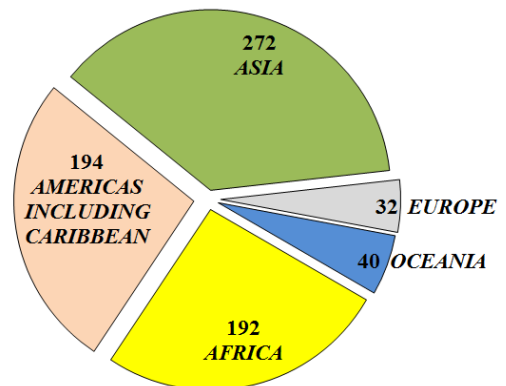
international headquarters of the IOI have been located in Malta since being founded in 1972 by Elisabeth Mann Borgese, so the institute recently marked its [50th anniversary](#). Information on IOI headquarters and the network as a whole can be found at www.ioinst.org.

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 the institute’s flagship course in Halifax has trained nearly 740 individuals from over 100 countries around the globe. It has also collaborated on shorter programmes in several countries and in 2020 it started offering online courses due to covid restrictions on travel and face-to-face training. Both alumni and scores of new participants worldwide have been able to benefit from these online courses during the pandemic, with particular interest in the self-paced option which provides flexibility for marine professionals juggling studies around work or family responsibilities. Most recently, IOI-Canada has started offering in-person Ocean Governance training specifically for Indigenous Peoples from the Maritime provinces.

**ALUMNI OF FLAGSHIP COURSE
BY REGION**



COURSE OVERVIEW

Offered for both synchronous and asynchronous participation, this free webinar-based training was aimed primarily at marine professionals from around the world with responsibility for some aspect of coastal and ocean management. Focusing on Ocean Governance: SDG 14 and the UN Summit of the Future, it provided an interdisciplinary exploration of important topics through a combination of lectures, discussions, readings, videos and (for the first time) assignments. As noted above, modules examined three core areas: Law of the Sea and Ocean Governance; Fisheries, Aquaculture and Food Security; and State of the Ocean, with nearly 20 speakers providing their perspectives from a broad range of backgrounds and disciplines. For details of the schedule and lecturers, see below (p. 10 and p. 16 respectively).

“I very much enjoyed the diversity of topics discussed. I have not come across a course like this anywhere so am very appreciative of this course being offered.”

Participant, Canada

The course was delivered as a series of 16 live sessions twice a week between 11th April and 1st June 2023 with self-paced studying

“My experience was great as all the recordings, lecture slides and/or other resources were readily available and could be accessed anytime without having to worry about the time zones. In addition, I am extremely grateful to the extensions that have made it possible to finish the course.”

Participant, India

continuing through the summer in cases where participants needed additional time to finish. Whilst offering different study options and deadline extensions creates some administrative challenges, feedback clearly indicates that the flexibility of asynchronous learning is much appreciated by those who are keen to undertake training but have to fit it around work or other commitments which can be unpredictable and out of their own control.

Interest in the training was even higher than in 2020 or 2021 with 131 people registering from nearly 50 countries. The live class for synchronous participation was capped at 25 to ensure a good size for discussion and exchange of views, while the remaining 106 registrants signed up to do the course in their own time via the self-paced study stream. They did have the option of e-mailing questions in advance so they could be involved and raise queries

despite not attending the discussion in real time, and a number of speakers provided their e-mail addresses at the end of their presentation and invited follow-up questions. A dedicated course Facebook group was also set up so that participants from both streams could network amongst themselves, if they wished.

One new feature this year was the introduction of assignments, which had to be submitted as part of the eligibility for the final certificate. For each module, participants chose one question from a selection of six or seven on a range of relevant topics. For one module, they were given the option of working with one or two other participants on a joint response as an opportunity to enjoy greater networking and exchange of ideas in peer learning. We were interested to see what they would feel about having this extra course requirement, given that it involved more time and work for them and might have been seen as an unwelcome chore. However, the 77 responses to the question about this in the final evaluation were unexpectedly – and pleasingly – positive. The respondents overwhelmingly indicated that they had found the assignments helpful and/or were glad to have done them, with many indicating that they had provided a valuable opportunity to reflect on and assimilate what they had heard in the lectures and to consider the relevance to their own countries or regions. Indeed, some participants

“I particularly enjoyed the assignments and the fact that we could choose our topic was a big plus, I think. The questions invited us to reflect on the topic rather than just repeating what we learn during the sessions.”

Participant, Mexico

“I would have liked all the questions to be compulsory as they were all so interesting that I had to answer them all several times.”

Participant, Benin

would have wanted more assignments or to have been required to write longer responses – and one or two even surprised us by sneaking in responses to additional questions as they were so keen to answer more than just one. One particularly creative person was inspired to compose a short story on the collapse of the Newfoundland cod fishery as one of their submissions! All in all, it can be concluded that introducing assignments was a successful experiment and should be repeated in future courses of this kind as a way to encourage greater engagement with the lecture content and materials and to create a more active learning experience.



Final 2023 live session

As with IOI’s in-person programmes, the participants were interestingly diverse. Drawn from a variety of backgrounds, they included marine professionals and students with a broad range of education and work experience in, *inter alia*, academia, government, private sector and NGOs in areas such as biology, oceanography, fisheries, aquaculture, marine mammals, conservation, environment, resource management, marine spatial planning, law, policy, economics, tourism, geography, ocean literacy and social justice. Almost all had at least one degree, many two or three, and women constituted the majority (61%) of registrants. Geographically, they represented many parts of the world: Africa, Asia, the Caribbean, Central America, Europe, North and South America, and the South Pacific. More specifically, they came from: Algeria, Angola, Anguilla, Bahamas, Bangladesh, Barbados, Benin, Brazil, Bulgaria, Cameroon, Canada, China, Costa Rica, Egypt, El Salvador, France, Gambia, Georgia, Germany, Ghana, Guyana, India, Indonesia, Italy, Ivory Coast, Jamaica, Kenya, Kiribati, Malta, Mexico, Morocco, Nigeria, Pakistan, Portugal, Senegal, Singapore, Solomon Islands, Somalia, South Africa, Sri Lanka, St Lucia, St Vincent and the Grenadines, Suriname, Thailand, Togo, Trinidad & Tobago, Tunisia, UK and USA.

Whilst some participants ended up doing only part of the course – as is common with free programmes, particularly when they involve studying in isolation – a total of 73 participants (29 men, 44 women) from 37 countries completed the course requirements for a well-deserved certificate. See the list in the Participants section below (p. 11). A few were alumni of previous IOI courses but for the vast majority this was their first experience of the institute and all who completed the course requirements were able to join the IOI Headquarters network-wide [online alumni platform](#). This provides them with access to other IOI participants from training programmes across the world and over several decades.

PARTICIPANT FEEDBACK ON USING THE COURSE

Core to IOI-Canada's training philosophy is the importance of challenging participants to use and share the new knowledge and skills gained during the course. Through creating a multiplier effect, the impact of the training can be felt far beyond the original participant group. The course application form therefore required candidates to ask themselves: "Why are you interested in this training and how would you – and perhaps others (e.g. colleagues, students, stakeholders, public) – benefit from it?" Similarly, the post-course evaluation form included the question: "What, if anything, will you take from the course and actually USE in your work/studies?" The responses received were wide-ranging and encouraging. Samples are provided below – in the participants' own words – and are drawn from both the live class and self-paced stream.

SAMPLE PARTICIPANT FEEDBACK ON:

"What, if anything, will you take from the course and actually USE in your work/studies?"

Everything. I believe a good scientist and a good practitioner needs to open their mind and create links where connexions are possibles. Einstein said that you cannot solve a problem the same way you create it. Increasing the scope, elevating your helicopter to see the forest rather than one tree, that's how we innovate !

Canada

All aspects of the course will be applied to my work. The vast amount of knowledge of Ocean Governance has already been rubbing off in my duties. While all of the modules covered were beneficial, the teachings related to Global Fisheries will be directly applied.

Guyana

I will use what I learned in my research and teaching. I plan to give a new course entitled Sustainable Ocean Governance.

China

How to include indigenous knowledge in ocean related activities including involving local communities

Kenya

Currently reviewing an Ocean Policy developed by a consultant. The information provided has allowed for a better appreciation of the area.

Anguilla

I actually used the presentations on Ocean Health for my submissions as a panellist at the maiden Blue Economy Summit in Ghana .

Ghana

I would use the updated knowledge shred through the course series to advocate my students about seafood and sustainable aquaculture.

Sri Lanka

The passion of the founder of IOI Ma Elizabeth and her dreams coming to reality about our endowed Blue Planet.

Nigeria

SAMPLE PARTICIPANT FEEDBACK *(continued)*:

“What, if anything, will you take from the course and actually USE in your work/studies?”

Everything - the more I know about the ocean the more I can pass on to others starting out on their ocean literacy journey, through presentations, workshops and my website.

UK/Germany

I have already use a lot of the info on marine spatial planning, fisheries, marine debris, and governance frameworks!

*Bulgaria/Canada
(in Indonesia)*

As a lecturer, the course materials are useful for me in my teaching. Besides this, the perspective and the concepts they contain are very informative.

Somalia

The materials will be so useful in updating my lecture notes and design/develop short courses in these subject areas for our clients from the maritime sector.

Nigeria

I plan to use it all as need arises.

*St Vincent and
the Grenadines*

I am looking to choose the field of ocean governance for my post doctoral study so the knowledge and experience gained will be of immense help in that regard.

India

Application of UNCLOS in fisheries governance and access agreements, I work a lot with small scale fisheries in particular civil society movements, my organization will focus on creating awareness, advocate for reduction of plastic pollution and also formulate some African policy in the future

South Africa

As I work in ESG research, I hope to educate institutional investors on the ocean issues discussed in this course.

Canada

I will incorporate new insights into my teaching and research, implementing effective coastal and marine resource management strategies specific to my context.

Bangladesh

I am currently doing an internship at the European Marine Board... I feel more confident and can make valuable contributions when proof reading documents on small scale fisheries, climate change, maritime security, plastic pollution, and the recent treaty about protection of the high seas (or areas beyond jurisdiction). So, I am very proud of it and very motivated to continue learning and working following this career path.

Mexico

SAMPLE PARTICIPANT FEEDBACK *(continued)*:

“What, if anything, will you take from the course and actually USE in your work/studies?”

Everything!! I work in ocean education at the moment in particular, and will definitely be using and incorporating some of the information I learned going forward.

Canada

There are many different resources that I will use from the course. I find overall that I can use especially the internationally oriented resources, LOS and those will be very useful in my role as an advisor to the highest office in my country.

Suriname

I am a action researcher and involved in sensitizing the fishermen communities on vagriaes of climate change and what we can do to save it.I will use the input in educating the fishermen and shape public opinion among the activists and researcher in my place

India

I have taken a lot from the course, it has helped me carry out my job description more effectively.

Nigeria

I am preparing my phd in the marine law so everything was usefull and will be put to good use

Morocco

Perspectives from elsewhere in the world helps me to expand my analysis and capabilities, especially in fisheries management.

Canada/Sweden (in Solomon Islands)

So much!

Canada

All aspects of the course are very useful in effectively and efficiently carrying out my duties as a Fisheries Officer in my country.

Gambia

The information on Fisheries Subsidies was very useful to me, it help me to understand the subsidy agreement better, it will help me in trade meetings. Also the website that was shared for children to learn about the ocean, i will also share that with my child

St Vincent and the Grenadines

Everything related to blue justice, the defense of the human rights of people who live in coastal communities, especially those who are dedicated to artisanal fishing, the idea of technological innovation to bring various technical knowledge closer to the communities, and the vision that our actions can contribute to the achievement of real sustainable development.

Mexico

SCHEDULE

All sessions: 10.00–11.30 a.m. Atlantic Daylight Time

MODULE 1: LAW OF THE SEA AND OCEAN GOVERNANCE		
11 th April	Course Opening: Introductions, Welcome The Fundamentals of Ocean Governance and the Law of the Sea	Michael Butler Awni Behnam Olga Koubrak
13 th April	195 Member States... One Ocean: Why the UN Cares	Wendy Watson-Wright
17 th April	Ocean Governance and Polar Regions: Commonalities, Contrasts and Challenges	David VanderZwaag
20 th April	Maritime Security and SDG 14	Bob Edwards
24 th April	An Indigenous Perspective on Law of the Sea and Ocean Governance	Shelley Denny
MODULE 2: FISHERIES, AQUACULTURE AND FOOD SECURITY		
27 th April	Global Fisheries: A Social and Natural Science Perspective	Tony Charles
1 st May	Small-scale Fisheries as Solutions for Food Security and Ecosystem Restoration	Ratana Chuenpagdee
4 th May	Rethinking Fisheries Subsidies: A Reflection on the WTO Agreement a Year On	Wilf Swartz
8 th May	Land-based Aquaculture: A Cornerstone of Global Food Security	David Roberts
11 th May	Ocean Literacy for All: How to Improve Ocean Education around the Globe	Boris Worm
15 th May	The Nexus of MPAs, MSP and Digital Mapping	Maxine Westhead Scott Coffen-Smout
MODULE 3: STATE OF THE OCEAN		
18 th May	The Continuing Scourge of Ocean Plastics	Tony Walker
23 rd May	Addressing Significant Threats of Deep-sea Mining: A Law and Policy Perspective	Tony George Puthucherril
25 th May	Health of the Ocean: New Challenges for a Future World	Peter Wells
29 th May	Climate Change: The Need for Adaptation Action	Daniel Lane
1 st June	ABNJ/BBNJ: The Latest Developments at the UN Course Closing	Susanna Fuller Michael Butler Awni Behnam

PARTICIPANTS

(List of those who completed full course requirements)

COUNTRY	NAME	AFFILIATION
Anguilla	Ms Melissa MEADE	Chief Natural Resources Officer, Department of Natural Resources, Government of Anguilla, The Valley
Bahamas	Ms Morlette L. JOHNSON	Assistant Director of Legal Affairs, Office of the Attorney-General, Nassau
Bahamas	Ms Alexandra M.F. SINCLAIR	Assistant Fisheries Officer, Department of Marine Resources, Nassau
Bangladesh	Mr Mohammad Mosarof HOSSAIN	PhD Student and Teaching & Research Faculty, Department of Coastal & Marine Fisheries, Sylhet Agricultural University, Sylhet
Benin	Mr Essoham Joël KPATCHIA	PhD Student, Laboratory of Ecology, Botany and Plant Biology, Université de Parakou, Parakou
Brazil	Dr Fernando de Figueiredo PORTO NETO	Professor, Federal Rural University of Pernambuco (UFRPE), Recife, Pernambuco
Bulgaria & Canada	Dr Elitza GERMANOV	Marine and Coastal Development Unit Leader, PT Hatfield, Bogor, Indonesia
Cameroon	Mr DJEGO Fulbert	General Staff, Sub-Department of Industrial and Artisanal Fishing, Ministry of Livestock, Fisheries and Animal Industries, Yaoundé
Canada	Ms Hailey K. BOEHNER	National Program Specialist, Ocean Bridge, Ocean Wise Conservation Association, Vancouver, British Columbia
Canada	Ms K. Megan CHEN	Ocean & Freshwater Conservation Manager, Wildlands League, Toronto, Ontario
Canada & Sweden	Mr Michael E.R. HONETH	Fisheries Management Adviser, Pacific Islands Forum Fisheries Agency, Honiara
Canada	Ms Jennifer Leigh JENKINS	Master's Student in Wildlife Conservation, Unity Environmental University, Maine, USA and Marine Naturalist, Nanaimo, British Columbia
Canada	Ms Erin L. JOHNSON	Senior ESG Research Analyst, Morningstar Sustainalytics, Toronto, Ontario
Canada	Ms Heather D. MULOCK	Executive Director, Coldwater Lobster Association, Yarmouth, Nova Scotia

COUNTRY	NAME	AFFILIATION
Canada	Ms Andrée-Anne ROULEAU	Agente de mobilisation en conservation et rapports, Parks Canada, Ottawa, Ontario
Canada	Ms Emily C. RYAN	Program Specialist, Ocean Wise, Victoria and Student, Ecological Restoration Certificate, University of Victoria, British Columbia
China	Dr Shenghui LI	Lecturer, Marine Spatial Planning & Marine Governance, School of Management, Guangdong Ocean University, Zhanjiang
Egypt	Mr Mohab Mahmoud BADRELDIN	Teaching Assistant, Arab Academy for Science, Technology and Maritime Transport, Alexandria
Gambia	Mr Lamin FOFANA	Assistant Fisheries Officer, Fisheries Department, Banjul
Gambia	Mr Abdoulie B. JALLOW	Fisheries Officer, Fisheries Department, Banjul
Georgia	Ms Mariam AVAKOVA	Young Professional, Youth Advocate, Youth4Ocean Forum, Tbilisi
Germany	Ms Josefa BEYER	Student, Leuphana Universität Lüneburg, and Research Assistant (water governance), NEWAVE
Germany	Mr Arndt BUBENZER	Managing Director, common sense - eLearning & training consultants GmbH, Vienna, Austria
Ghana	Mr Charles Asare BAMFO JNR	Geospatial Analyst, Environmental Protection Agency, Accra
Guyana	Ms Jagwantie DOOLALL-EDWARDS	Fisheries Officer, Fisheries Department, Ministry of Agriculture, Georgetown
Guyana	Ms Charlene S. LEUNG	Fisheries Officer, Fisheries Department, Ministry of Agriculture, Georgetown
India	Ms Smile CHOUDHARY	Graduate and Teaching Assistant, University of Exeter, Penryn, UK
India	Mr Janmejaya MISHRA	PhD Scholar (Public Policy), Ashank Desai Centre for Policy Studies, Indian Institute of Technology Bombay, Mumbai
India	Mr Sarbeswara SAHOO	Director, Samadrusti Institute of Research, Bhubaneswar, Odisha
India	Dr SAJNA V.H.	Project Scientist, Centre for Marine Living Resources and Ecology, Cochin, Kerala
India	Mr Ankur SHUKLA	PhD Student, Indian Institute of Technology, Kharagpur

COUNTRY	NAME	AFFILIATION
Indonesia	Dr Indra ALVERDIAN	Lecturer for Sea Power and Maritime Affairs Course, President University, Cikarang
Italy & Portugal	Ms Cristina CANELLA	PhD Student in Marine Sciences, Technology and Management, University of Milano Bicocca, Milano, Italy
Jamaica	Mr Alexander GIRVAN	Environmental Economist & Associate Director, Board of Trustees, The Cropper Foundation (based in Canada/Trinidad)
Kenya	Mr Abdirahman ABDULLAHI ABDI	Diplomat - currently serving on posting - Ministry of Foreign Affairs, Harare, Zimbabwe
Kenya	Mr Charles Lucas MAKIO	Intern (GIS), UNESCO World Heritage Centre, Paris, France
Kenya	Ms Pauline Nyambura MWANGI	Intern, Kenya Marine and Fisheries Research Institute, Nairobi
Kenya	Ms NJAGI Christine Mukami	Principal Magistrate, The Judiciary, Kenya and PhD student, Centre for Advanced Studies in Environmental Law and Policy, University of Nairobi, Nairobi
Liberia	Mr Diallo FLOMO	Student, African Methodist Episcopal University, Monrovia
Mexico	Ms M. Fernanda V. BAYO RUIZ	Graduate Student - International Master of Science in Marine Biological Resources (IMBRSea), Oviedo, Spain
Mexico	Ms Ana Karen CAMPA MADRID	Social Justice Specialist, Comunidad y Biodiversidad A.C. (COBI), Guaymas, Sonora
Morocco	Ms Dina QASMI NABIL	PhD student in Marine and Maritime Law, Abdelmalek Essaadi University, Tangiers
Nigeria	Ms Oluwatoyosi ABIKOYE	PhD Candidate, NOVA School of Law, Lisbon, Portugal
Nigeria	Ms Chinenye O. AJANWACHUKU	Principal Marine Environment Officer, Nigerian Maritime Administration and Safety Agency, Lagos
Nigeria	Dr Isa Adekunle HAMID-MOSAKU	Faculty, University of Lagos, Akoka, Yaba, Lagos State
Nigeria	Mr OHAS Augustine Brown	Assistant Chief Staff Development Officer, Nigerian Institute of Transport Technology (NITT), Zaria, Kaduna
Nigeria	Dr Isimemen OSEMWEGIE	Senior Researcher, Centre for Development Research, University of Bonn, Bonn, Germany
Portugal	Ms Céline RODRIGUES	Researcher, Instituto Português de Relações Internacionais, Universidade Nova de Lisboa, Lisbon

COUNTRY	NAME	AFFILIATION
Senegal	Mr Cheikh Amadou Bamba GAYE	Master's Student in Marine Resource Management, Université du Québec à Rimouski, Rimouski, Canada
Singapore	Dr Jai Gopal ACHARYA	Director, IOI OA Singapore and Principal Consultant, International Maritime Management & Consultancy, Singapore
Solomon Islands	Ms Lois EREKALI	Senior Fisheries Officer, Ministry of Fisheries and Marine Resources, Honiara
Solomon Islands	Mr Claudius Ralph HALUMWANE	Chief Fisheries Officer, Ministry of Fisheries and Marine Resources, Honiara
Solomon Islands	Mr Samson Houaitahona MAENIUTA	Compliance Officer, Ministry of Fisheries and Marine Resources, Honiara
Solomon Islands	Ms Juliana MANUSALO BUTU	Senior Fisheries Officer – Compliance, Ministry of Fisheries and Marine Resources, Honiara
Solomon Islands	Mr Alvin Kiupua MAUI	Electronic Monitoring Data Analyst, Ministry of Fisheries and Marine Resources, Honiara
Solomon Islands	Mr Billy MEU	Chief Fisheries Officer (Aquaculture), Ministry of Fisheries and Marine Resources, Honiara
Solomon Islands	Ms Ruth RAMO	Senior Fisheries Officer, Ministry of Fisheries and Marine Resources, Honiara
Solomon Islands	Mr John RARAIHALO	Senior Fisheries Officer, Ministry of Fisheries and Marine Resources, Honiara
Somalia	Mr Abdulqadir Omar ZIYAD	Head of Marine Science Department, Somali National University, Mogadishu
South Africa	Ms Malebo Hellen GUEBAMA AFFAGA	Fisheries Officer, African Union- Interafrican Bureau for Animal Resources (AU-IBAR), Nairobi, Kenya
Sri Lanka	Ms KARUNAPALA UYANWATTAGE DONA Nipunika Hansani	Graduate Teaching Assistant, Ocean University of Sri Lanka, Colombo
Sri Lanka	Ms Liyana Arachchige Kumudu LIYANAARACHCHI	Demonstrator, Ocean University of Sri Lanka, Colombo
St Lucia	Ms Kate Shanda ST.MARK	Fisheries Assistant, Fisheries Department, Ministry of Agriculture, Castries

COUNTRY	NAME	AFFILIATION
St Vincent and the Grenadines	Ms Cylena ANDREWS	Fisheries Officer, Fisheries Division, Ministry of Agriculture, Forestry, Fisheries, Rural Transformation, Industry and Labour, Kingstown
St Vincent and the Grenadines	Mr Ronick JACOBS	Laboratory Technician, Fisheries Division, Ministry of Agriculture, Forestry, Fisheries, Rural Transformation, Industry and Labour, Kingstown
St Vincent and the Grenadines	Ms Samantha P. MORRIS	Technical Aide, Fisheries Division, Ministry of Agriculture, Forestry, Fisheries, Rural Transformation, Industry and Labour, Kingstown
St Vincent and the Grenadines	Ms Allison THOMAS	Senior Fisheries Assistant, Fisheries Division, Ministry of Agriculture, Forestry, Fisheries, Rural Transformation, Industry and Labour, Kingstown
Suriname	Ms Monique S. POOL	Director and Founder, Green Heritage Fund Suriname, Paramaribo
Thailand	Ms Jaruwan SONGPHATKAEW	Fishery Biologist, Department of Fisheries, Bangkok
Thailand	Ms Sirikan YEAMUBON	Fishery Biologist, Department of Fisheries, Bangkok
UK	Ms Louise A. LOWE	Professional in Communications and Project Support (Oceans and Society), Corporation Center of Excellence in Marine Sciences (CEMarin), Bogota, Colombia
UK & Germany	Ms Julia RITTER	Press Officer, International Tribunal for the Law of the Sea (ITLOS) and Ocean Literacy Programme Coordinator, oceans aware, Hamburg, Germany
USA & Portugal	Ms Bianca Silva SANTOS	PhD Student, Stanford University, Palo Alto, CA, USA

SPEAKERS

Dr Awni Behnam

Former Assistant Secretary General
United Nations
& Honorary President
International Ocean Institute
Geneva
Switzerland
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We are very sad to report Bob's death on 8th June 2023

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