



International Ocean Institute
Southern Africa

A map of South Africa with a black background. The landmass is filled with a complex network of colored lines representing rivers and streams. The colors include green, blue, purple, red, and yellow, creating a vibrant, almost abstract pattern across the continent.

IOI-SA Course in Ocean Governance 2022

5th – 30th September

Cape Town,
South Africa



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**Ocean Governance Training
for Africa**

4 weeks
22 participants
10 countries
47 experts
32 institutions

International Ocean Institute
Southern Africa

SANBI
Biodiversity for Life
South African National Biodiversity Institute



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A note from the Course Director, Judy Beaumont

What a privilege it was to welcome the participants of the 2022 Ocean Governance Training Program (OGTP), for 2 weeks of virtual participation, followed by 2 weeks of in- person training. Once again, the program was jointly hosted by International Ocean Institute-Southern Africa (IOI-SA), in partnership with the South African National Biodiversity Institute (SANBI). For the 2 weeks of in-person training we were based at the Centre for Biodiversity Conservation, in the beautiful Kirstenbosch National Botanical Gardens.



Participants came from across the African continent: Cameroon, Democratic Republic of Congo, Ghana, Mozambique, Namibia, Nigeria, Senegal, Somalia, Tanzania, and of course, South Africa. The virtual platform in the first 2 weeks made it possible for international experts and lecturers to join us, without the complexity and emissions associated with long distance travel. That said, it was a real blessing, in the 2nd half of the course, to be able to sit across the table in a learning environment, drink tea together, share experiences and learn from each other.

I would like to thank our partner, SANBI, and all our contributors and participants, for making the 2022 OGTP a great success. In addition, a very special appreciation and thanks go to Dr Shannon Hampton, IOI-SA Program Manager, for her passion, commitment, enthusiasm, and attention to detail, in making the course a reality. For more than 7 years running, Shannon has been at the heart of the success of the IOI-SA OGTP. She will soon be embarking on a new life chapter, and IOI-SA wishes her every success.



International Ocean Institute
Southern Africa



Introduction

The International Ocean Institute (IOI) focuses on training and capacity building through its global network of centers and affiliated training courses. The training center for Africa, IOI-SA, is based in Cape Town, South Africa. The Training Course in Ocean Governance for Africa is designed to meet the specific ocean governance concerns of African States. The first IOI-SA course was run in 2013 and we have been able to run the course annually since 2015 thanks to our partnership with SANBI and the financial commitments from the Ocean Science Research Foundation (OSRF), via [IOI-HQ](#).

The COVID-19 pandemic meant that we had to adapt to a new, virtual world. While the world seems to have learned to live with COVID, when planning this training at the beginning of 2022, there was still uncertainty about what the situation would look like in September. We hedged our bets and split the training with two weeks online and two weeks in person in Cape Town; hopeful that travel would be possible by September. And it was! What a privilege to be able to do face-to-face training again. We still made use of the virtual platform to include experts from all over the region and world but were able to combine this with field visits and in person lectures and discussions. The course is also only possible thanks to the suite of experts who generously return each year to engage with the participants and share their knowledge and enthusiasm.

We are proud of the reputation that the IOI-SA Course in Ocean Governance for Africa is gaining. This, the ninth edition of the training, received almost 200 applications. It is always a challenge to select only 20 participants from the high caliber and diverse applications we receive. We work hard to have diverse professional backgrounds, geographic and gender balance. It is our goal to include participants from a diverse range of disciplines and backgrounds who will be able to use the knowledge they gain in their work environments. This year, we accepted 22 participants from ten countries, including Cameroon, DRC, Ghana, Mozambique, Namibia, Nigeria, Senegal, Somalia, South African and Tanzania. The participants are the one of the keys to success of the training experience, and this year's cohort were engaged, enthusiastic and dedicated in their commitment to learning. They were an inspirational team!



The Training Program

The goal of the Ocean Governance course is to meet the ongoing needs within the African region for awareness and training related to the various disciplines associated with ocean governance. The course also aims to contribute to developing a network of practitioners that will continue to work towards and promote responsible, knowledge-based ocean governance throughout Africa. While the course highlights the importance of the global governance framework, it has a regional focus, emphasizing the benefits of harmonizing ocean policies that promote a shared, integrated, and common approach to ocean management in Africa.

The course includes legal, institutional, and technical aspects of ocean governance, with an emphasis on implementation, as this is a common shortcoming in capacity for environmental regulation in many African countries. It covers a wide range of topics including maritime security, shipping, marine biodiversity, and climate change with the intention to provide participants with at least a basic understanding of these subjects, their inter-related nature, and the opportunity to engage with local and regional experts from a range of fields. The course also includes sessions on stakeholder engagement and conflict resolution to try boost the soft skills that practitioners can benefit from in their work engagements.





Lectures are linked to five major themes:

Module 1: Oceans and Coasts – Opportunities and Threats

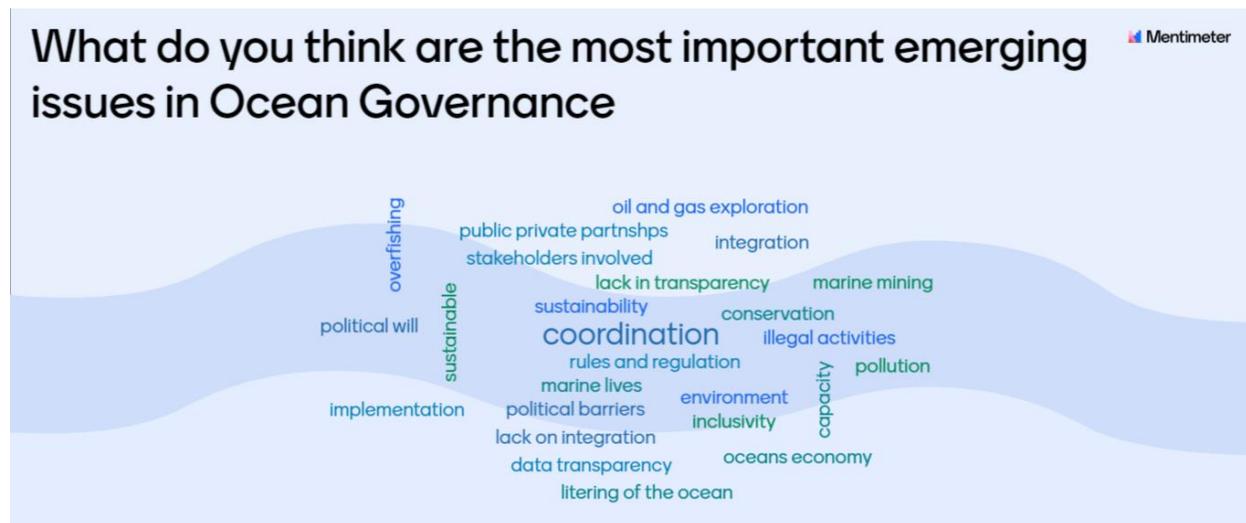
Module 2: The Governance Framework

Module 3: Governance Tools

Module 4: Governance in Action

Module 5: Creating a Supportive Environment for the Management of Oceans and Coasts

The schedule (which can be seen in Annex I) combined formal lectures, group discussions and exercises, feedback on topics covered during the week as well as lunch time video sessions themed for the day's discussions. In addition, the participants were required to each give a short presentation about their expertise on their first day in Cape Town – this facilitates the participants getting to know each other's professional backgrounds and practice their presentation skills. Word cloud exercises and informal daily ice breaker activities tried to encourage creativity and some lightheartedness within the intense learning schedule.



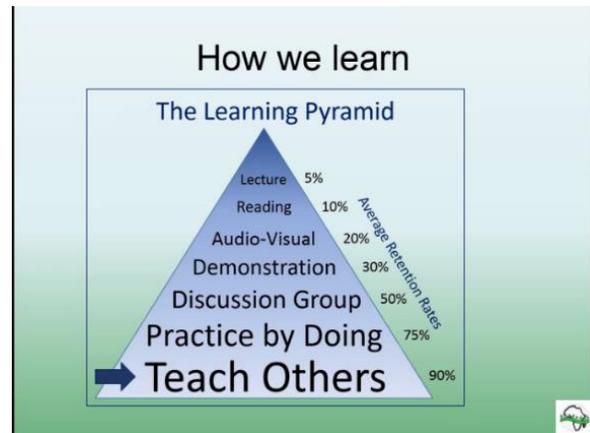
The weeks were characterized by thoughtful input from the participants. We encouraged peer-to-peer learning and group exercises throughout the training. In addition to a Risk Assessment exercise and using the interactive board game to simulate a Marine Spatial Platform situation. One exercise ran throughout the four weeks and groups to develop a policy brief on one of four



broad topics; Biodiversity Beyond National Jurisdiction; small scale fisheries; marine pollution and climate change. The participants were given broad themes and asked to choose a specific relevant topic under each theme (listed below). The policy briefs will be available on the IOI-SA website:

- Climate Change
- Small scale fisheries
- BBNJ
- Pollution

One of our experts, Liz McDaid, does a session on conflict resolution and communication. Her slide, alongside, highlights how we learn. We took this to heart and incorporated multiple learning strategies throughout the training, including videos, discussions, peer-to-peer learning and simulation exercises to learn while doing.



We were excited by a return to the field sites. The field trips form an integral part of the technical course schedule, as well as providing the participants a change of scenery. For many of the participants, it is their first time to visit some of the world-famous Western Cape sights.

After discussing marine debris with John Kieser of PlasticSA, we visited City of Cape Town's Kraaifontein Manual Recovery Plant. The Plant is a practical example of why it is important to



Visit to City of Cape Town's Kraaifontein Waste Recovery Plant with PlasticSA's, John Kieser.



manage waste effectively and coordinate recycling to divert waste from landfill. John used the opportunity to highlight some of the challenges and opportunities in the recycling industry and how the manufacturing and marketing industry can influence the recycling process.

The excursions to Boulders Beach, Save Our Seas, Zandvlei and Muizenberg explored conservation of a charismatic, endangered species in an urban context, environmental education, shark conservation and estuary management. We were able to use the videos we had made in 2020 ([Estuary Management video](#)) and 2021 ([Marine Spatial Planning using False Bay](#) as an example) to complement the field trip to False Bay, this was particularly helpful since the walk around Zandvlei Estuary was ultimately rained out.



Visiting Boulders Beach with Katta Ludynia (SANCCOB) and Save our Seas for interactive education as part of False Bay field trip.





The field trip to the Port of Cape Town was facilitated by IOI-SA Ambassador, Michael Melato. Michael is an enthusiastic supporter of IOI-SA and explained some of the complexities of Port Management before showing the participants some of the working parts of the Port. Our visit was well timed to watch a ship returning to sea from dry dock and understand the challenges associated with transportation congestion out of the port. We discussed the operations of the port and port control. Transnet Ports Authority is investing in its staff with a new clinic, training centre and the development of approximately 400 interns. Ravi Naicker, another IOI-SA Ambassador, explained the MARPOL Convention to participants and the recent developments in oil spill contingency planning. We are grateful to TNPA and Michael Melato for hosting us and allowing us access throughout the port to see the working features of Cape Town Port providing context to the complexities associated with shipping.



Exploring Cape Town Port with Michael Melato. Here at the bulk liquid fuel terminal.

In addition to creating a network of ocean professionals in Africa, the participants were able to join the new online community platform that they will have access to as alumni of an IOI training program (www.ioialumni.ioihq.org.mt) where they are able to connect with participants in all the global training programs across the years. This platform, for IOI alumni from all the training programs around the world, facilitates opportunities for connections at international meetings and continuing training, such as the [Alumni Continuous Development training that IOI-SA and IOI-Canada ran in 2021](#).



What does the ocean mean to you

peace and life

Peace

Passion

Resilience, freedom and adventure - an ideology of what life looks like lately

Peace, fun, adventure, livelihood, spiritual connection

A place of work, peace and serenity

Space to breathe, play, work and explore. (Muizenberg, South Africa)

Life ~ Inspiration ~ Soul Cleanse

Video • 00:09
20210227_141041

Lives connected

Abundance. Renewal. Freedom. Serenity. Spiritual connections.

Source of life, happiness, and lifetime unforgettable experiences

Synergy





Risk Assessment Exercise

Risk assessment is used as a tool in a variety of environmental management applications. In this exercise, the participants were introduced to the concept of risk and how it is used to assess the risk of introduction of specific marine alien species. The exercise was based on a simplified version of a Risk Analysis Framework used in South Africa. It was used to undertake a risk assessment for 2 species - *Carcinus maenas* (European shore crab) and *Pterois volitans* (Lionfish) - each in two locations. Each group addressed two questions using the template and instructions provided. The two questions were: i) What is the likelihood of the species becoming invasive in the selected area? And ii) If it invades, how serious are the likely impacts?

Marine Spatial Planning Exercise

IOC-UNESCO donated one of their amazing MSP Board Games to the IOI-SA earlier this year and the Course in Ocean Governance provided an excellent opportunity for a practical simulation of the challenges of MSP and trying to create consensus and realistic and sustainable plans. Participants were given a sector they needed to represent and worked in groups representing 3 different countries that also needed to organize transboundary activities. This was a lively practical exercise that really gave a taste of some of the challenges and complexity associated with MSP.



Policy Brief Exercise

The Policy Brief Exercise required participants to work in groups throughout the four weeks of the course, with presentations of their work to be delivered on the final day. The groups developed policy briefs with the following titles:

- Green shipping – A solution to mitigate climate change
- Small scale fisheries: Policy implementation challenges



- Deep seabed mining: Why we must protect our biodiversity beyond national jurisdiction
- Agriculture as a source of land-based pollution – The functionality of wetlands to improve water quality.

The exercise not only required participants to explore a topic that was new to them, but also exposed them to some of the real-life hurdles involved in working within a group of people from different backgrounds, languages and knowledge bases and during an intensive, time-limited period. The groups approached the task differently, but they took the task seriously and produced well-constructed documents and interesting presentations





The 2022 Course Alumni



NGAH NGONO
MARYLINE
Ministry of Transport
Cameroon



Taro Richard
Lombard
SAMSA
South Africa



Nina Rivers
Nelson Mandela
University
South Africa



Jamal Hassan
Secure Fisheries
Somalia



FRU-MBI NICOLE
epouse NWACHAN
Ministry of Transport
Cameroon



NGEDIKO EKUMU
Faustin
Ministry of
Environment
DRC



Bongumenzi Gumbi
Dept. Fisheries,
Forestry and
Environment
South Africa



Tanja Hanekom
LANCET
South Africa



Thandeka Mbambo
Department of
Forestry, Fisheries
and Environment
South Africa



Frank Mirobo
WIOMSA - ECRN
Tanzania



Esethu Tyali
Department of Forestry, Fisheries, Environment South Africa



Kashona Theopolina Iita
Ministry of Fisheries and Marine Resources Namibia



Ebenezer Ntsiful
Land-use and Spatial Planning Authority Ghana



Jamen Júlio Ali Mussa
Blue Ventures Mozambique



Tabisile Mhlana
Department of Forestry, Fisheries and Environment South Africa



Ebenezer Annor
Fisheries Commission Ghana



Boury Angélique
DIOUF Ministry of Environment Senegal



Uncial Haupt
BPG Attorneys South Africa



Sibani Mngomezulu
Luvivi (Pty) Limited South Africa



Hajara Bamaiyi-Haruna
Nigerian institute of Transport Technology Zaria Nigeria



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Aviwe Sifuba
SANBI
South Africa



Noxolo Ncayo
*Ocean Econ
consulting*
South Africa





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Course Partners

The IOI-SA is highly appreciative to our partner, SANBI, for their contributions towards the course.



The South African National Biodiversity Institute (SANBI) leads and coordinates research, and monitors and reports on the state of biodiversity in South Africa. The institute provides knowledge and information, gives planning and policy advice and pilots best-practice management models in partnership with stakeholders.

The course would not have been possible without the input of our regional and local experts from various institutions. We are very grateful for their time and contribution to Ocean Governance Training in Africa. Some of our experts have been involved in the training since 2013 and bring passion and experience to the training.





Participant feedback:

Some quotes from participants:

"I have gained a lot. For ease, I would suggest to keep the part virtual and part in person for future courses"

"The IOI course on ocean governance has been a total transformative tool for my career. with knowledge from the course I can dive into new areas of the maritime space and improve on old knowledge. I am now equipped to make impactful suggestions that will help in ocean management in my country. a big thank you to IOI and SANBI for the wonderful initiative."

"The lecture on Conflict resolution was quite intriguing and relevant. I didn't expect to learn on conflicts in the course but I'm happy that it was part of the presentations."

"The jurisdiction of the high seas was fascinating. I always thought maritime law governs the sea, but it is only the business side of the ocean while law of the sea talks about the high seas etc."



SANBI sponsored entrance to the Kirstenbosch Botanical Gardens on the final day of the training



Annex I: The Schedule

Week 1: 5 – 9 September (Virtual)

West Africa	SAST	East Africa	Virtual Week 1: Monday 5 th September		
Introduction and Welcome					
09:00 – 09:10	10:00 – 10:10	11:00 – 11:10	IOI-SA Welcome	Judy Beaumont	IOI-SA
09:10 – 09:15	10:10 – 10:15	11:10 – 11:15	SANBI Welcome	Carmel Mbizo	SANBI
09:15 – 09:45	10:15 – 10:45	11:15 – 11:45	Round Table Introductions		
09:45 – 10:05	10:45 – 11:05	11:45 – 12:05	Information about the training and word cloud exercise	Shannon Hampton	IOI-SA
10:05 – 10:15	11:05 – 11:15	12:05 – 12:15	Quick Break		
10:15 – 11:15	11:15 – 12:15	12:15 – 13:15	What is Ocean Governance?	Judy Beaumont	IOI-SA
11:15 – 11:30	12:15 – 12:30	13:15 – 13:30	Videos	What is Ocean Governance? 2:05 Min Ocean Governance WOD 2020 3:46 Min A transition to sustainable ocean governance 1:05 Min Ocean Governance – Key to Sustainable well-being in WIO 1:15 Min	
11:30 – 12:30	12:30 – 13:30	13:30 – 14:30	Lunch Time		
12:30 – 13:30	13:30 – 14:30	14:30 – 15:30	Science to Policy for Ocean Governance	Alex Benkenstein	SAIIA
13:30 – 14:30	14:30 – 15:30	15:30 – 16:30	Discussion on emerging issues in ocean governance	Judy Beaumont	IOI-SA



14:30 – 15:00	15:30 – 16:00	16:30 – 17:00	Brief introduction to the group exercises - Shannon Hampton		
West Africa	SAST	East Africa	Virtual Week 1: Tuesday 6 th September Module 1– Opportunities and Threats		
09:00 – 09:15	10:00 – 10:15	11:00 – 11:15	Logistics and recap		
09:15 – 10:15	10:15 – 11:15	11:15 – 12:15	Understanding the role of behavioural sciences in conservation and sustainability	Pavs Pillay	WWF-SA
10:15 – 10:30	11:15 – 11:30	12:15 – 12:30	Quick Break		
10:30 – 11:30	11:30 – 12:30	12:30 – 13:30	Blue Economy	Ibukun Adewumi	GOAP/ University of Wollongong
11:30 – 12:30	12:30 – 13:30	13:30 – 14:30	Videos and Lunch Break	2019 How to save our planet 8:27 Min	
12:30 – 12:45	13:30 – 13:45	14:30 – 14:45	Overview of ocean pressures	Shannon Hampton	IOI-SA
12:45 – 13:45	13:45 – 14:45	14:45 – 15:45	Blue Justice and Convivial Conservation	Moenieba Isaacs	UWC/ PLAAS
13:45 – 14:00	14:45 – 15:00	15:45 – 16:00	Break – with video	2017 Our Incredible Ocean 6:08 Min	
14:00 – 15:00	15:00 – 16:00	16:00 – 17:00	How to prepare a policy brief	Danai Tembo	
West Africa	SAST	East Africa	Virtual Week 1: Wednesday 7 th September Module 2 – The Regulatory Framework		



09:00 – 09:15	10:00 – 10:15	11:00 – 11:15	Logistics and recap		
09:15 – 17:00	10:15 – 16:00	11:15 – 17:00	Introduction to the Law of the Sea Convention	Patrick Vrancken	NMU
West Africa	SAST	East Africa	Virtual Week 1: Thursday 8 th September Module 2 – The Regulatory Framework		
09:00 – 09:15	10:00 – 10:15	11:00 – 11:15	Logistics and recap		
09:15 – 09:45	10:15 – 10:45	11:15 – 11:45	Introduction to regulatory framework	Lynn Jackson	
09:45 – 12:30	10:45 – 13:00	11:45 – 14:00	Prepare presentations		
			Maritime Issues		
1	13:00		International Maritime Organisation (IMO)	Frank Mirobo	
2	13:05		MARPOL	Jamen Júlio Ali Mussa	
3	13:10		Ballast Water Management Convention	Nina Rivers	
4	13:15		International Convention on Oil Pollution Preparedness, Response and Cooperation	Ebenezer Annor	
5	13:20		London Convention/ Protocol	Ebenezer Ntsiful	
6	13:25		The Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships	Boury Angélique Diouf	



	13:25 – 13:35		Discussion	Lynn Jackson
			Biodiversity and Environment	
7	13:35		UN Environment Programme	Sibani Mngomezulu
8	13:40		Convention on Biological Diversity	Tanja Hanekom
9	13:45		Regional Seas Programme (Focus on African Conventions)	Thandeka Mbambo
10	13:50		UNESCO: IOC and World Heritage sites in African seas	Bongumenzi Gumbi
11	13:55		Biodiversity Beyond National Jurisdiction (BBNJ)	Tabisile Mhlana
12	14:00		Convention for International Trade in Endangered Species (CITES)	Taro Richard Lombard
13	14:05		Convention on Migratory Species (CMS)	Maryline Ngah Ngono
14	14:10		International Convention for the Regulation of Whaling (IWC)	Aviwe Sifuba
	14:15 – 14:30		Discussion	Lynn Jackson
	14:30 – 14:45		Quick Break	
			Fisheries Sector	
15	14:45		Food and Agricultural Organisation	Hajara Haruna
16	14:50		FAO Code of Conduct for Responsible Fisheries	Faustin Ngediko Ekumu
17	14:55		FAO Small scale fisheries guidelines	Noxolo Ncayo



18	15:00		Regional Fisheries Management Organisations (e.g., IOTC, SEAFO)	Uncial Haupt	
19	15:05		The UN Fish Stocks Agreement (Management of straddling stocks and highly migratory species)	Nicole Nwachan	
20	15:10		Agreement on Port State Measures on IUU	Esethu Tyali	
	15:15 – 15:25		Discussion	Lynn Jackson	
			Mining Sector		
21	15:25		International Seabed Authority (ISA)	Jamal Hassan	
22	15:30		ISA - Regional Environmental Management Plans (for ABNJ)	Kashona lita	
	15:35 – 16:00		Discussion	Lynn Jackson	
West Africa	SAST	East Africa	Virtual Week 1: Friday 9th September Module 1 Opportunities and Threats – Climate Change and Oceanography Basics		
09:00 – 09:15	10:00 – 10:15	11:00 – 11:15	Logistics and recap		
09:15 – 10:15	10:15 – 11:15	11:15 – 12:15	Climate Change impacts in coastal areas and adaptation options	Judy Beaumont	IOI-SA
10:15 – 10:30	11:15 – 11:30	12:15 – 12:30	Quick Break	Video	
10:30 – 11:30	11:30 – 12:30	12:30 – 13:30	Putting climate science into policy and practice	Louis Celliers	HZG



11:30 – 11:45	12:30 – 12:45	13:30 – 13:45	Videos	2020 3 Climate Change Solutions that could actually happen 10:47 Min	
11:45 – 13:00	12:45 – 14:00	13:45 – 15:00	Lunch break		
13:00 – 13:45	14:00 – 14:45	15:00 – 15:45	Regional Oceanography and LMEs	Ashley Johnson	DFFE
13:45 – 14:10	14:45 – 15:10	15:45 – 16:10	Quick Break	2019 How do ocean currents work? 4:33 Min	
14:10 – 15:00	15:10 – 16:00	16:10 – 17:00	Discussion Session	Facilitated by Judy Beaumont	IOI-SA

Week 2: 12 – 16 September (Virtual)

West Africa	SAST	East Africa	Virtual Week 2: Monday 12 th September Module 4: Governance in Action – Marine Living Resources (Fisheries)		
09:00 – 09:15	10:00 – 10:15	11:00 – 11:15	Logistics and recap		
09:15 – 10:30	10:15 – 11:30	11:15 – 12:30	Living Marine Resources	Kevern Cochrane	Rhodes University
10:30 – 10:45	11:30 – 11:45	12:30 – 12:45	Quick Break		
10:45 – 11:30	11:45 – 12:30	12:45 – 13:30	Aquaculture	Kevern Cochrane	Rhodes University
11:30 – 11:40	12:30 – 12:40	13:30 – 13:40	Videos	2020 SFF Guidelines: value chain, post-harvest 3:13 Min 2018 SSF Guidelines: gender equality and equity 6:04 Min	



11:40 – 12:40	12:40 – 13:40	13:40 – 14:40	Lunch Break		
12:40 – 13:40	13:40 – 14:40	14:40 – 15:40	Trade in Living Marine Resources	Markus Burgener	TRAFFIC
13:40 – 14:00	14:40 – 15:00	15:40 – 16:00	Quick Break	2020 World Fisheries Day 2020 1:37 Min	
14:00 – 15:00	15:00 – 16:00	16:00 – 17:00	Small Scale Fisheries and the guidelines	Julia Nakamura	FAO / Strathclyde
West Africa	SAST	East Africa	Virtual Week 2: Tuesday 13 th September Module 4: Governance in Action – Marine Living Resources Biodiversity		
09:00 – 09:15	10:00 – 10:15	11:00 – 11:15	Logistics and recap		
09:15 – 10:15	10:15 – 11:15	11:15 – 12:15	CBD post 2020 framework	Steve Kirkman	DFFE
10:15 – 10:30	11:15 – 11:30	12:15 – 12:30	Quick Break		
10:30 – 11:30	11:30 – 12:30	12:30 – 13:30	Introduction to EBSAs	Dieynaba Seck	CSE
11:30 – 12:40	12:30 – 13:40	13:30 – 14:40	Lunch 2018 - MzanSea video 6:55 Min		
12:40 – 13:45	13:40 – 14:45	14:40 – 15:45	Marine Protected Areas	Kerry Sink	SANBI
13:45 – 14:00	14:45 – 15:00	15:45 – 16:00	Quick Break		
14:00 – 15:00	15:00 – 16:00	16:00 – 17:00	Biodiversity Beyond National Jurisdiction	Shannon Hampton	IOI-SA



West Africa	SAST	East Africa	Virtual Week 2: Wednesday 14 th September		
Module 4: Governance in Action – Maritime Issues					
09:00 – 09:15	10:00 – 10:15	11:00 – 11:15	Logistics and recap		
09:15 – 10:15	10:15 – 11:15	11:15 – 12:15	Maritime Security	Tony Cole, Malcolm Kinghorn	KingCole Maritime
10:15 – 10:30	11:15 – 11:30	12:15 – 12:30	Quick Break		
10:30 – 11:30	11:30 – 12:30	12:30 – 13:30	Port State Control	Captain Tobela Gqabu	SAMSA
11:30 – 12:30	12:30 – 13:30	13:30 – 14:30	Lunch Break		
12:30 – 15:00	13:30 – 16:00	14:30 – 17:00	Group Work on Policy Brief Exercise		
West Africa	SAST	East Africa	Virtual Week 2: Thursday 15 th September		
Module 4: Governance in Action – Maritime Issues					
09:00 – 09:15	10:00 – 10:15	11:00 – 11:15	Logistics and recap		
09:15 – 10:15	10:15 – 11:15	11:15 – 12:15	Environmental Impacts of Shipping	Lynn Jackson	IOI-SA
10:15 – 10:30	11:15 – 11:30	12:15 – 12:30	Quick Break		
10:30 – 11:30	11:30 – 12:30	12:30 – 13:30	Oil and Gas exploration	Anthea Davids	PASA
11:30 – 12:30	12:30 – 13:30	13:30 – 14:30	Lunch Break		
12:30 – 13:30	13:30 – 14:30	14:30 – 15:30	Marine Mining	Kirsty McQuaid	SANBI



13:30 – 14:00	14:30 – 15:00	15:30 – 16:00	Quick Break		
14:00 – 15:00	15:00 – 16:00	16:00 – 17:00	Marine Renewable Energy	Robert N. Farrugia	University of Malta
Week 2: Friday 16 th September – Travel day					

Week 3: 19 – 23 September (SANBI, Cape Town)

In-Person Week 3: Monday 19 th September – Café Session					
09:00 – 09:30	Welcome to SANBI and Cape Town		Shannon Hampton		
09:30 – 09:45	Regulating marine pollution from land-based sources in South Africa - a compliance and enforcement perspective		Bongumenzi Gumbi		DFFE, South Africa
09:45 – 10:00	South African Marine Water Quality Monitoring		Esethu Tyali		DFFE, South Africa
10:00 – 10:15			Awiwe Sifuba		SANBI, South Africa
10:15 – 10:30	Coastal Development or Protection?- Negotiating the Ocean Space		Thandeka Mbambo		DFFE, South Africa
10:30 – 10:45			NGEDIKO EKUMU Faustin		Ministry of Env., DR Congo
10:45 – 11:00	Fisheries Data Collection in the Somali Region		Jamal Hassan		Secure Fisheries, Somalia
11:00 – 11:15	Fisheries management of Small Pelagic Species and MARPOL implementation of Annexes IV and V in Namibia		Kashona Iita		MFMR, Namibia



11:15 – 11:30	Quick Break		
11:30 – 11:45	Ghana marine fisheries data collection and analysis	Ebenezer Annor	Fisheries Commission, Ghana
11:45 – 12:00		Jamen Júlio Ali Mussa	Blue Ventures, Mozambique
12:00 – 12:15	Vessel registration process in Cameroon and Challenges faced	Nwachan Nicole	Ministry of Transport, Cameroon
12:15 – 12:30	SAMSA and the Marine Officer Training Program	Taro Richard Lombard	SAMSA, South Africa
12:30 – 12:45		Hajara Haruna	Nigeria
12:45 – 14:00	Lunch	Option NMU webinar	
14:00 – 14:15	Management procedure of preliminary casualty and safety investigation: Case of Douala Port	NGAH NGONO MARYLINE	Ministry of Transport, Cameroon
14:15 – 14:30	The lawyer in conservation space, advocating for sharks and our oceans	Uncial Haupt	Justice 4 Jaws, South Africa
14:30 – 14:45		Frank Mirobo	WIOMSA, Tanzania
14:45 – 15:00	Inclusive and integrated marine spatial planning: lessons from Algoa Bay South Africa	Nina Rivers	NMU, South Africa
15:00 – 15:15	Coastal Management in South Africa	Tabisile Mhlana	DFFE, South Africa
15:00 – 15:30	Quick Break		



15:30 – 15:45		Sibani Mngomezulu	BCC, South Africa
15:45 – 16:00	The Contemporary Development Planner	Ebenezer Ntsiful	LUSPA, Ghana
16:00 – 16:15		Tanja Hanekom	South Africa
16:15 – 16:30	Integrated Coastal Zone Management	Boury Angélique DIOUF	Ministry of Env. Senegal
In Person Week 3: Tuesday 20 th September – Field Trip – Pollution and Waste Management			
09:00 – 09:45	Land based sources of marine pollution	Eric Okuku	
09:45 – 10:30	Marine Debris	John Kieser	PlasticSA
10:30 – 17:00	Kraaifontein Recovery Plant – Cape Town Wastewater or Landfill		
In Person Week 3: Wednesday 21 st September Module 3 – Governance Tools			
09:00 – 09:15	Logistics and recap		
09:15 – 10:15	Modelling for Governance	Roy van Ballegooyen	WSP
10:15 – 10:30	Quick Break		
10:30 – 11:30	Geospatial Tools	Melanie Luck Vogel	CSIR
11:30 – 12:30	OCIMS – case study	Marjolaine Krug and Lauren Williams	DFFE



12:30 – 13:30	Lunch		
13:30 – 14:30	Using guidelines & standards in monitoring & assessment of marine environment quality	Susan Taljaard	CSIR
14:30 – 15:00	Quick Break		
15:00 – 16:00	Group Work on Policy Brief Exercise		
16:00 – 16:15	MSP Video		
16:15 – 16:30	False Bay video: https://www.youtube.com/watch?v=doegNZAo900		
In Person Week 3: Thursday 22 nd September			
Governance on the ground – Field Trip			
08:30	Depart for False Bay Field Trip		
09:30 – 10:30	Boulders Beach - Presentation on African Penguin conservation in urban context - Katta Ludynia (SANCCOB)		
11:00 – 12:30	Visit Save our Seas		
13:00 – 13:45	Lunch in Muizenberg		
14:15 – 15:00	Presentation on Estuary Management - Lynn Jackson (IOI-SA)		
15:00 – 16:30	Visit to Zandvlei		
16:30 – 17:00	Return to Kirstenbosch		
In Person Week 3: Friday 23 rd September			
Module 5 – Creating a Supportive Environment			
09:00 – 09:15	Logistics and recap		
09:15 - 12:15	Stakeholder Engagement	Leticia Greyling	Rhodes
12:15 – 13:30	Lunch		



13:30 – 16:00	Conflict Resolution	Liz McDaid	
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Week 4: 26 – 30 September (SANBI, Cape Town)

In Person Week 4: Monday 26 th September			
Module 4 – Governance in Action			
09:00 – 09:15	Logistics and recap		
09:15 – 10:00	Introduction to Marine Invasive Species	Siyasanga Miza	SANBI
10:00 – 10:45	Progress on the biofouling guidelines	Lilia Khodjet El Khil	IMO
10:45 – 11:00	Quick Break		
11:00 – 11:45	Ballast Water Convention	Megan Jensen	IMO
11:45 – 12:30	Risk Assessment Exercise	Lynn Jackson	IOI-SA
12:30 – 13:30	Lunch Break		
13:30 – 15:15	Risk Assessment Exercise presentations and discussions	Group Exercise	
15:15 – 15:30	Quick Break		
15:30 - 16:30	Dumping at Sea - Emerging Issues	Lynn Jackson	IOI-SA
In Person Week 4: Tuesday 27 th September – Field Trip to Cape Town Port			
Module 4: Governance in Action – Maritime Issues			
08:30 – 09:00	Travel to Cape Town Port		
09:00 – 09:30	Sign in and safety briefing	Michael Melato	TNPA
09:30 – 10:15	Port Operations	Michael Melato	TNPA
10:15 – 11:00	Oil Spill Contingency Planning	Ravi Naicker	SAMSA



11:00 – 11:30	Quick Break		
11:30 – 12:15	MARPOL	Ravi Naicker	SAMSA
12:15 – 13:15	Lunch		
13:15 – 16:00	Tour of Port	Michael Melato	TNPA
16:00 – 17:00	Travel back to Kirstenbosch		
In Person Week 4: Wednesday 28th September			
Module 3: Governance Tools			
09:00 – 09:15	Logistics and recap		
09:15 – 10:15	Blue economies and ocean accounting	Ken Findlay	CPUT
10:15 – 11:15	Integrated Coastal Zone Management	Ryan Peter	DFFE
11:15 – 11:30	Quick Break		
11:30 – 12:15	State of Marine Environmental Reporting	Paul Lamin	EPA
12:15 – 13:15	Lunch		
13:15 – 14:15	Introduction to Marine Spatial Planning	Adnan Awad	TNC
14:15 – 16:30	MSP Challenge Exercise	Group Work	
In Person Week 4: Thursday 29th September			
The Regional Ocean Governance Context			
09:00 – 09:15	Logistics and recap		
09:15 – 12:00	Group Work on Policy Brief Exercise – Hand in written document		
12:00 – 13:00	Lunch		



13:00 – 14:00	Africa 2063	Alex Benkenstein	SAIIA
14:00 – 15:00	Ocean Decade – African perspective	Mika Odido	IOC-UNESCO
15:00 – 15:15	Quick Break		
15:15 – 16:00	Deliberations on the UN Ocean Conference	Antonella Vassallo	IOI-HQ
In Person Week 4: Friday 30th September			
Wrapping up – Presentation of group exercise			
09:00 – 09:15	Logistics and recap		
09:15 – 09:45	Policy Brief 1		
09:45 – 10:15	Policy Brief 2		
10:15 – 10:45	Break		
10:45 – 11:15	Policy Brief 3		
11:15 – 11:45	Policy Brief 4		
11:45 – 12:15	Discussion and Feedback		
12:15 – 12:30	Closing Remarks		