



International Ocean Institute
Southern Africa



IOI-SA Course in Ocean Governance 2023

4th – 29th September
Cape Town, South Africa





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Ocean Governance Training for Africa

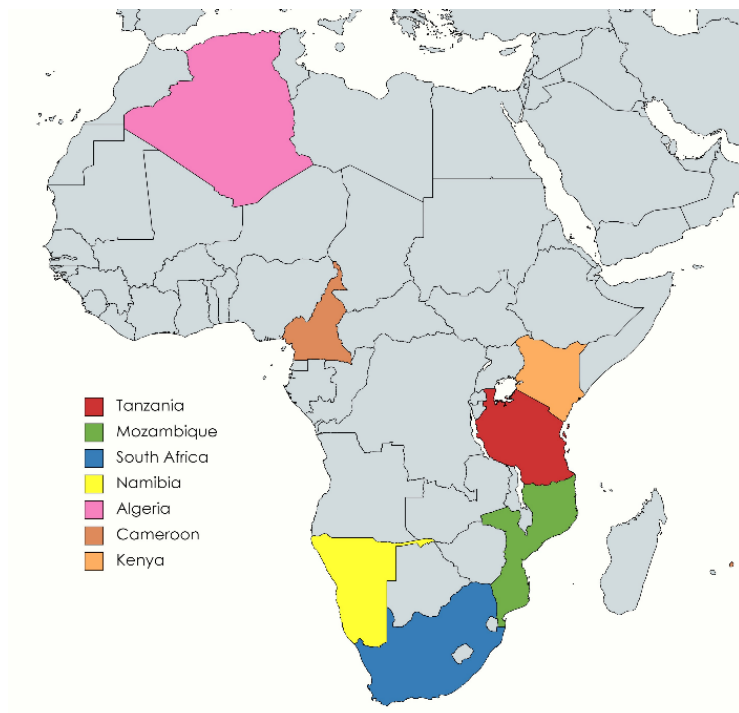
4 Weeks

23 Participants

8 Countries

55 Experts

30 Institutions



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A note from the Course Director, Judy Beaumont

It was a great privilege to welcome the participants of the 2023 Ocean Governance Training Program (OGTP), on the 4th of September, for a 4-week period of in-person training. Our venue was the Research Centre of the South African National Biodiversity Institute (SANBI), at the beautiful Kirstenbosch National Botanical Gardens. Once again, the program was jointly hosted by the International Ocean Institute-Southern Africa (IOI-SA), in partnership with the South African National Biodiversity Institute.



The 23 course participants came from various parts of Africa: Algeria, Cameroon, Kenya, Mauritius, Mozambique, Namibia, Tanzania and South Africa. During the course, participants had the opportunity to engage with experts from all over the world on a range of ocean governance thematic areas. Course content was complimented with interactive sessions and group discussion. Field trips formed an integral part of the course schedule, anchoring the content with practical examples, and providing the participants with an opportunity to explore areas around Cape Town through the lens of ocean governance.

I would like to sincerely thank our partners, SANBI, and the International Ocean Institute for support and guidance. In addition, I would like to express appreciation and thanks to the many experts that generously shared their knowledge, experience and wisdom. The course is only possible with their contribution and participation. A special appreciation and thanks go to Kirshia Govender, IOI-SA Program Manager, for her passion and energy in making the course a reality, as well as Lynn Jackson, IOI-SA Management Committee member for ensuring that the high IOI standards were maintained. And of course, thanks and appreciation to the participants for stepping out, and being actively involved in an intense 4 week programme of learning. We trust that the course has provided you with a number of new tools and skills for your role as leaders in ocean governance.



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Introduction

The International Ocean Institute (IOI) focuses on training and capacity building through its global network of centers and affiliated training courses. 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, with grateful thanks to our partnership with the South African National Biodiversity Institute (SANBI) and the financial commitments from the Ocean Science Research Foundation (OSRF), via the International Ocean Institute ([IOI-HQ](#)). 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.

The 4 week in-house programme took place at the Research Centre of the South African National Biodiversity Institute. We were very excited to welcome 23 local and international participants: 15 from South Africa, and 8 participants from Algeria, Cameroon, Kenya (2), Mauritius, Mozambique, Namibia, and Tanzania. During the course, participants had the opportunity to engage with regional experts from all over the world in a range of ocean governance thematic areas. Course content was complimented with interactive sessions, and group discussion that encouraged peer-to-peer learning. Field trips provided an opportunity to apply the learnings in a practical setting.

We are proud of the reputation that the IOI-SA Course in Ocean Governance for Africa is gaining. This, the eleventh edition of the training, received almost 100 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 ensure that participants come from a diverse range of disciplines and backgrounds, and will be able to use the knowledge they gain from the course, when they return to their work environments. This year, we accepted 23 local and international participants: 15 from South African, and 8 from Kenya (2), Tanzania, Mozambique, Mauritius, Algeria, Cameroon and Namibia.



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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 ocean 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 the blue economy, the maritime sector, marine biodiversity, fisheries and climate change with the intention to provide participants with an understanding of key elements, governance considerations and their inter-related nature.

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 Coast



The schedule (which can be seen in Annex I) combined formal lectures, group discussions and exercises, and feedback on topics covered during the week. In addition, the participants were required to each give a short presentation about their own expertise. This was scheduled over 2 weeks usually at the start of the day and enabled the participants to get to know each other’s professional backgrounds and practice their presentation skills. Word cloud exercises and informal daily ice breaker activities encouraged 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. Practical sessions included a risk assessment exercise, group work on multilateral environmental agreements and a simulated marine spatial planning process, using the interactive board game donated by IOC-UNESCO. One group exercise ran throughout the four-week period and involved the development of a policy brief on a number of topical ocean governance issues.

Group presentations and the final policy briefs were assessed by a panel of ocean governance practitioners, who provided recommendations on content, presentation skills and group process.



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The course also included sessions on stakeholder engagement, conflict resolution, planning, communication and ocean leadership to boost the soft skills that practitioners can benefit from in their work engagements.

Pam Yako, Zenande Leadership, facilitated a coaching session on what it takes to be a leader in ocean governance. The session was well received by participants, based on their individual feedback. Discussion areas that drove the coaching session included: self-compassion; self-mastery; self-management; adaptive leadership; making time for reflection; the importance of “being” rather than “doing” and embracing vulnerability. Sheila Nyang'anyi Rioba (right) shared her thoughts on challenges facing young leaders.



Letica Greyling, Rhodes Business School, introduced participants to stakeholder mapping, and principles of effective stakeholder engagement. Group discussion

focused on a case study

of an African Penguin colony at Boulders Beach, adjacent to an urban area, namely Simonstown. Groups identified the key stakeholders and analysed their perspectives, contributions and relevance to the conservation programme. Participants who were not familiar with this penguin colony had the opportunity to visit Boulders Beach during the week.





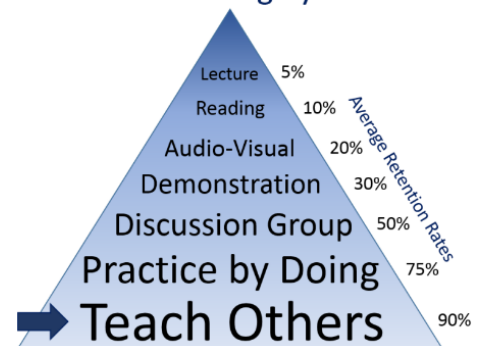
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Judy Mann, Two Oceans Aquarium Foundation, continued with stakeholder engagement from a planning perspective and the communication required for meaningful participation. This time, groups could choose an important stakeholder relevant to their work and designed a communication strategy that would facilitate effective engagement.

Liz McDaid, activist and strategist, presented 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.

The Learning Pyramid



Field Trip: John Kieser introduced participants to marine

The field trips formed an integral part of the technical course schedule, anchoring the course content with practical examples, and providing the participants with an opportunity to explore areas around Cape Town through the lens of ocean governance. For many of the participants, this was their first time to visit some of the world-famous sites of the Western Cape.

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



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Field Trip: John Kieser coordinated group tour of the Kraaifontein recycling plant.



On Saturday 16 September, International Coastal Cleanup Day, participants braved the cold and rain, in the early morning at Milnerton Beach for a beach cleanup. The cleanup initiative was coordinated by various organizations, such as Save a Fishie, Sentinel Ocean alliance, Parley Tv, and Zero Waste SA. The beach was not in a good state after the storm, strewn with shredded plastic, microplastics, cotton bud sticks, lollipop sticks, straws, horrible nurdles and so much more. Everyone pitched in with INCREDIBLE effort, contributing to the conservation of our ocean and volunteering their free time for International Coastal cleanup day.

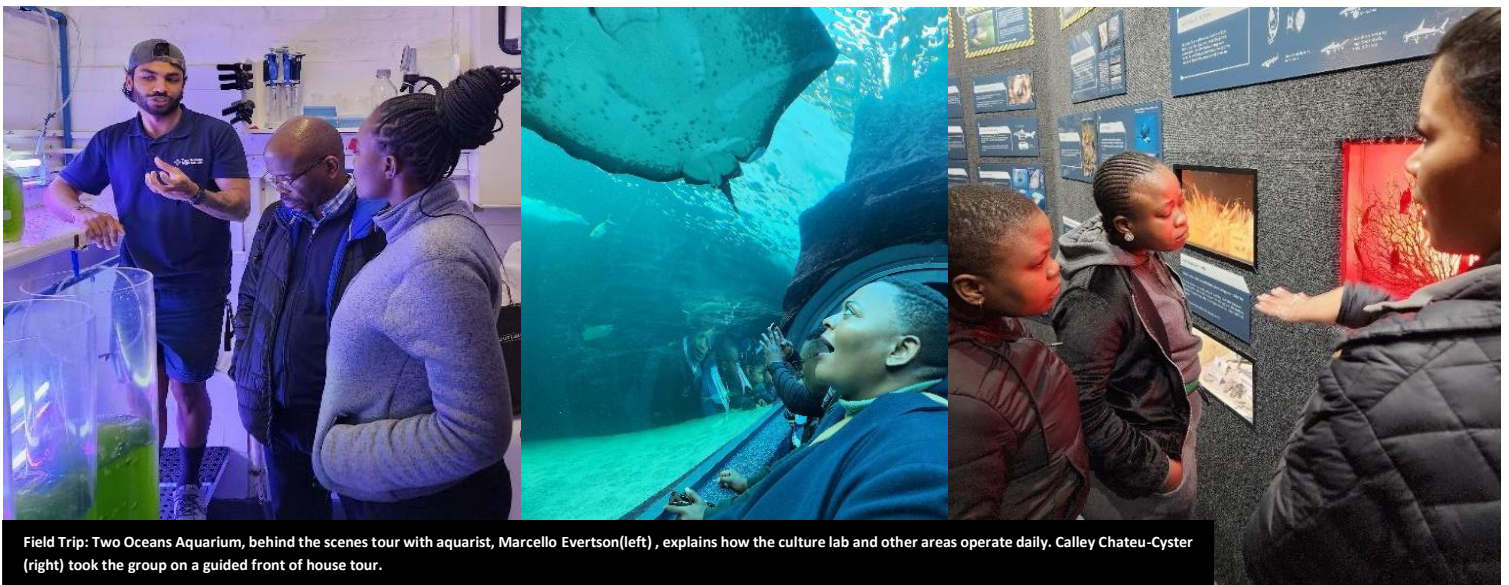




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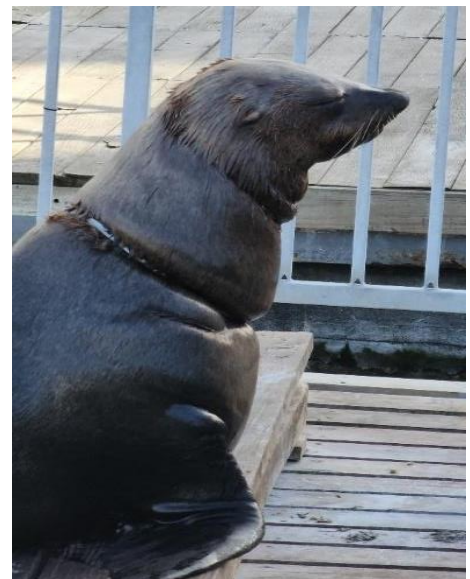


The Two Oceans Aquarium Foundation is a South African non-profit, public benefit organisation focused on inspiring people to take action for the ocean and building connections between communities and the marine ecosystem. A visit to the Aquarium introduced participants to marine research and conservation efforts at Cape Town's V&A Waterfront, sharing their key role in raising environmental awareness, marine science education and inspiring behaviour change.



Field Trip: Two Oceans Aquarium, behind the scenes tour with aquarist, Marcello Evertson(left), explains how the culture lab and other areas operate daily. Calley Chateu-Cyster (right) took the group on a guided front of house tour.

Participants were taken on guided front of house tours, sharing South Africa's diverse marine life, and behind the scenes through areas of the Aquarium where very few members of the public ever go, to see the daily running of the Two Oceans Aquarium. V&A wildlife management team shared their work at the Harbour and participants were fortunate to witness the team in action as they attempted to cut the loop of a Cape fur seal with an entanglement, an insightful experience highlighting the incredible efforts of the Two Oceans Aquarium.



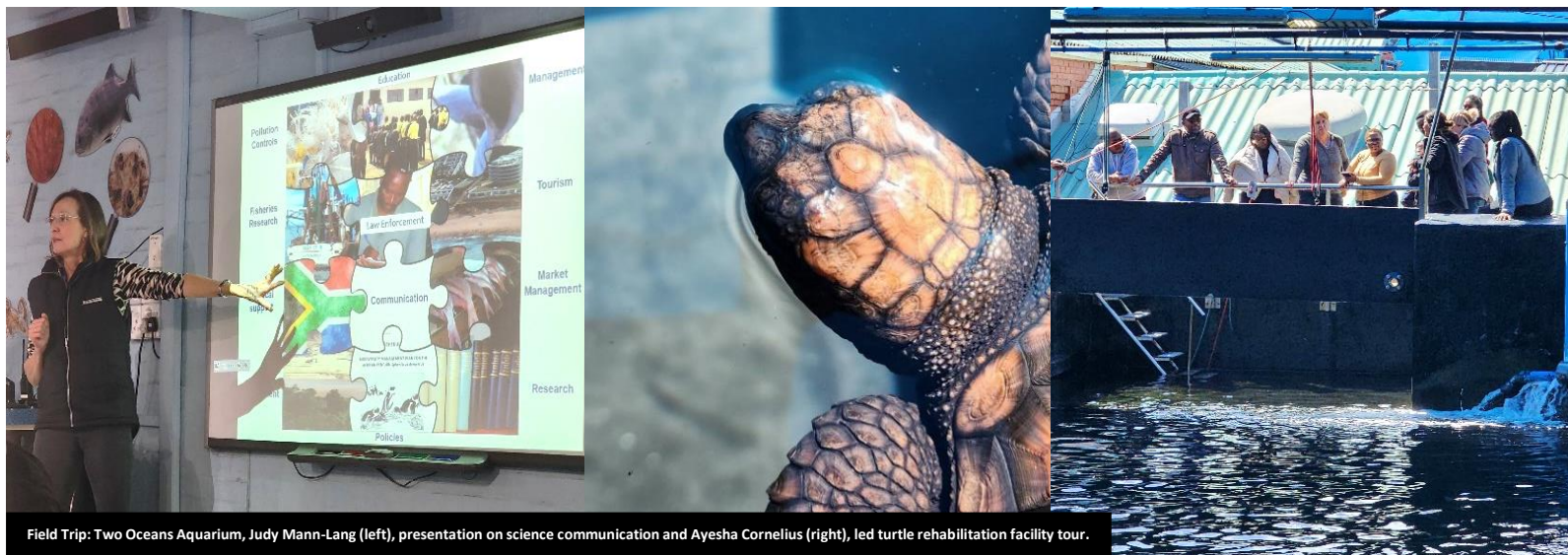


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In addition to the conservation wildlife management, participants were introduced to the turtle rehabilitation facility and operations, staff shared the stories of multiple turtles undergoing rehabilitation due to various human impacts.

Judy Mann-Lang wrapped up the day, with a presentation on the value of ocean literacy and science communication in relation to human behaviour, and various conservation campaigning efforts.



Field Trip: Two Oceans Aquarium, Judy Mann-Lang (left), presentation on science communication and Ayesha Cornelius (right), led turtle rehabilitation facility tour.



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A field trip to the Cape Town harbour was facilitated by IOI-SA Ambassador, Michael Melato. provided insights into some of the complexities of port management. Participants had the opportunity to visit some of the working parts of the Port, including the port control room and operations.



Field Trip: Cape Town Port, guided tour by Pilot Cebile

Ravi Naicker, South African Maritime Safety Authority, explained the MARPOL Convention to participants, the International Convention for the Prevention of Pollution from Ships. He also focused on South Africa's oil spill contingency planning process. We are grateful to Transnet National Port Authority (TNPA) and Michael Melato for hosting us and allowing us access to see the working features of Cape Town Port. Expansive views from the board room of the Port Control Building, provided context to some of the complexities associated with shipping.



Field Trip: Cape Town Port, Ravi Naicker (left) shared MARPOL convention to participants, and a presentation by Michael Melato, in the board room of the Prot control building.

A field trip to Boulders Beach Penguin Colony, Shark Spotters, Muizenberg, and Zandvlei Wetland, explored conservation of a charismatic, endangered species in an urban context, environmental education, shark conservation and estuary management.

Over the last 100 years African penguin numbers have dramatically declined. Threats include guano harvestings, egg exploitation, breeding habitat degradation, food availability, oil spills, predation, maritime activities, and disease outbreaks. A red listed threatened species under the International Union for Conservation of Nature, on current trends of population decline, by 2035, there will be too few breeding pairs for the species to continue to survive in the wild and the African Penguin will be classified as functionally extinct.



During the course participants were introduced to the management and conservation of endangered African penguins, with various exercises and discussions of the Boulders beach penguin colony.



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This area is an example of a successful conservation area that is a significant tourist attraction and income generator in a developed coastal environment. However, there are complex management issues to consider, including how to manage birds that are breeding outside of the reserve in private homes, the Navy grounds, or public beaches.



For the first time, we visited the environmental education centre, Shark Spotters, in Muizenberg. The initial session consisted of a short presentation about the work of the coastal team, and their incredible operations around False Bay.



Field Trip: Shark Spotters Education Centre, with city of Cape Town coast management



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Thereafter participants had the opportunity to visit the beach and interact with the coastal team. Tsepo Mpanza met the participants at the shark information centre, providing an introduction to the Shark Spotters programme, and insights about the shark species inhabiting False Bay. One of the stops for the day was at a Shark Spotter hut, with ariel views of Muizenberg, and the spotter on duty shared their daily operations, and challenges highlighting the significant impact of the Shark Spotter programme, mitigating shark and human conflict.



Field Trip: Shark Spotter scientist, Tsepo Mpanza introduced participants to the Shark Spotter programme and sharks inhabiting False





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South African National Biodiversity Institute

At the Zandvlei Wetland Nature reserve, Lynn Jackson (IOISA) presented her lectures on the Convention for Biological Biodiversity and wetland management. This was a good lead into our visit to Muizenberg with the Shark Spotters team. Lynn shared ariel views of how the mouth of Zandvlei is actively managed by the City of Cape Town to maintain water levels and estuary functioning. Thereafter we were privileged to have Kyran Wright walk us through the wetland and point out some of the traditional uses of the plants we were passing.



Field Trip: Zandvlei Nature Reserve manager, Kyran Wright introduced estuary management and walked participants through the wetland.



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Marine Spatial Planning Exercise

The IOC-UNESCO MSP Board Games provided an excellent opportunity for a practical simulation of the challenges of Marine Spatial Planning and the complexities of trying to create consensus-based, 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 complexities associated with MSP. Not an easy task with limited time, and groupwork challenges of communication, with each participant bringing their own specific background and expertise in various governance sectors.



Policy Brief Exercise

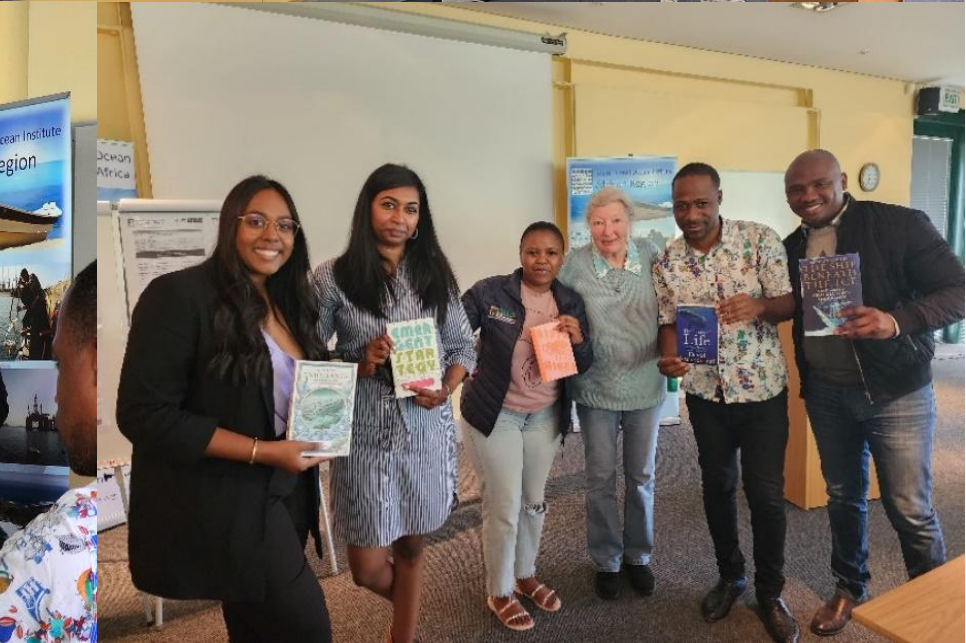
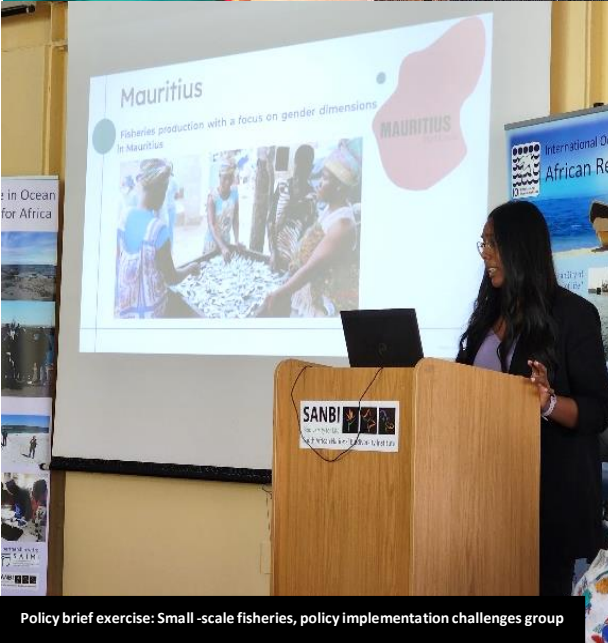
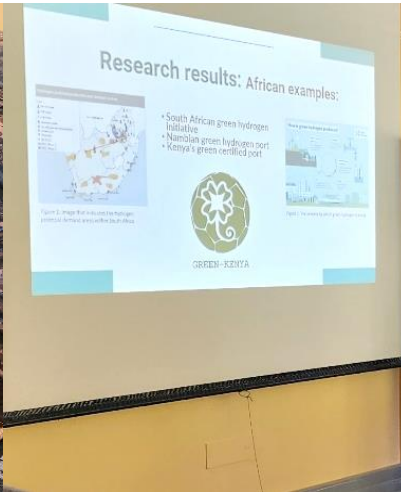
We encouraged peer-to-peer learning and group exercises throughout the training and one exercise ran throughout the four weeks, involving group work on the development of a policy brief, with presentations to be delivered on the final day. The groups developed policy briefs with the following titles:



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- Opportunities from green shipping and green ports for reducing greenhouse gas emissions;
- Small scale fisheries: policy implementation challenges.
- Oil and gas production: impacts on marine and coastal ecosystems;
- Marine Pollution – policy approaches for reducing marine plastic pollution from Land-based Sources.



Policy brief exercise: Small-scale fisheries, policy implementation challenges group



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Experts in science and policy were invited to assess the final policy briefs and provide further recommendations on process and content. 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.

Risk Assessment Exercise

Participants were introduced to the concept of risk and how it can be used to assess the risk of introductions of specific marine alien species. Risk assessment is used as a tool in a variety of environmental management applications. 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.





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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, what are the consequences and impacts?





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The 2023 Course Alumni



Sonia Akrou
National School of
Marine Science and
Coastal Planning.
Algeria



Natasha Besseling
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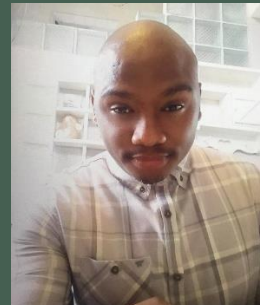
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Veliswa Ngqakayi
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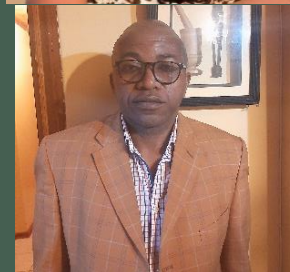
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Course Partners

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.





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Participant feedback:

Some quotes from participants: *“This was the best ever very informative and most relevant experience that I have had that I can use in my line of work by educating the beneficiaries of our planet oceans”*

“I’m very thrilled to be part of this program which have equipped me with valuable insights into the complex world of ocean management and sustainability. I’m excited to apply my newfound knowledge and skills to make a positive impact on ocean governance and conservation.”

“The course instructors were highly knowledgeable and engaging. Their expertise greatly contributed to the learning experience. I recommend continuing to invite experts in the field. The practical exercises and field trips were some of the highlights of the course. They provided valuable hands-on experience and real-world context. The course emphasized the importance of diverse perspectives in ocean governance”

“The course significantly enriched my understanding of the complex dynamics within the field of ocean governance and how they relate to my role as a fisheries officer. It has equipped me with practical skills and knowledge that I can directly apply to my work, such as policy analysis, risk assessment, and interdisciplinary collaboration. Instrumental in broadening my perspective and enhancing my ability to address the multifaceted challenges of fisheries management within the context of ocean governance. I look forward to using these newfound skills and knowledge to contribute positively to the sustainable management of our oceans and fisheries resources”





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Annex I: The Schedule

OCEAN GOVERNANCE TRAINING PROGRAMME

WEEK 1 (4 th - 8 th September)			
Day 1 Monday 4 th September 2023 Introduction and Welcome			
08h30 – 09h00	Registration	All	
09h00 – 09h10	IOI-SA Welcome, and introduction to IOISA	Judy Beaumont	IOI-SA
09h10 – 09h20	SANBI Welcome, and introduction to SANBI	Carmel Mbizvo	SANBI
09h20 – 09h50	Round Table Introductions	All	
09h50 – 10h10	Introduction to IOI and to the Ocean Governance Training Programme	Antonella Vassallo	IOI-SA
10h10 – 10h20	Course logistics, course outline, overview of practical exercises	Kirshia Govender	IOI-SA
10h20 – 10h40	Icebreaker: what does ocean governance mean to you? (Word cloud exercise)	Kirshia Govender	IOI-SA
10h40-11h00	TEA BREAK		
11h00 – 11h50	What is Ocean Governance Discussion	Judy Beaumont	IOI-SA
11h50 – 12h50	Oceans and coasts opportunities and challenges (general overview)	Andre Share	IOI-SA
12h50 – 13h50	LUNCH		
Module 1– Opportunities and Challenges			
13h50 – 14h50	The development and sustainability of blue economies	Andre Share	IOI-SA
14h50 – 15h45	Understanding the role of behavioural sciences in conservation and sustainability	Pavs Pillay	WWF-SA
15h45 – 16h00	SHORT BREAK		
16h00 – 17h00	Blue Justice and Convivial Conservation	Moenieba Isaacs	UWC/PLAAS



17h30-18h30	Meet and Greet-Basilico Restaurant	All	
Day 2: Tuesday 5th September Module 1 Opportunities and Challenges – Oceanography Basics and Climate Change			
09h00 – 09h15	Logistics and recap		
09h15 – 09h30	Café session 1	Participant 1	
09h30 – 09h45	Café Session 2	Participant 2	
09h45 – 10h45	Regional Oceanography and LMEs	Ashley Johnson	DFFE
10h45 – 11h00	TEA BREAK		
11h00 – 12h00	Putting climate science into policy & practice	Guy Midgley	School for Climate Studies
12h00 – 13h00	Impact of sea level rise on sovereignty	Vishal Surban	UKZN
13h00 – 14h00	LUNCH		
14h00 – 15h00	Climate Change impacts in coastal areas and adaptation options	Judy Beaumont	IOI-SA
15h00-16h00	Western Cape perspectives on coastal planning in response to climate change	leptieshaam Bekko	WC DEADP
16h00 – 16h15	SHORT BREAK How do ocean currents work?		
16h15 – 17h00	Group discussion on national experience of climate change impacts in ocean and coastal areas, and efforts to address the impacts.	Facilitated by Judy Beaumont	
Day 3: Wednesday 6th September 2023 Module 2 – The Regulatory Framework			
09h00 – 09h15	Logistics and recap		
09h15 – 10h45	UNCLOS	Patrick Vrancken	NMU
10h45 – 11h00	TEA BREAK		
10h45 – 12h30	UNCLOS continued	Patrick Vrancken	NMU
12h30 – 13h30	LUNCH		
13h30 – 14h30	UNCLOS continued	Patrick Vrancken	NMU



14h30 – 14h45	SHORT BREAK		
14h45 – 15h30	How to prepare a policy brief	Danai Tembo	NMU
15h30 – 16h00	Brief introduction to the group exercises aimed at writing a policy brief.	Kirshia Govender	IOI-SA
16h15 – 16h30	Café session 1	Participant 3	
16h30 – 16h45	Café Session 2	Participant 4	

Day 4: Thursday 7th September
Module 2 – The Regulatory Framework

09h00 – 09h15	Logistics and recap		
09h15 – 09h30	Café session 1	Participant 5	
09h30 – 09h45	Café Session 2	Participant 6	
09h45 – 10h45	Introduction to the	Lynn Jackson	IOI-SA
10h45 – 11h00	TEA BREAK		

Group work on multi-lateral environmental agreements (MEA) that are relevant to ocean and coastal management: each group to prepare a 45-minute presentation that summarises the key issues and objectives of MEAs in four sectors (Biodiversity and environment, Fisheries, Mining and Maritime issues) as well as relevant institutional arrangements.

11h00 – 13h00	Time for group preparation on presentations on multi-lateral environmental agreements		
13h00 – 13h45	LUNCH		
13h45 – 14h30	Group 1 presentation: Biodiversity and Environment Sector (45min)		
14h30 – 15h15	Group 2 presentation: Fisheries Sector(45min)		
15h15 – 15h30	SHORT BREAK		
15h30 – 16h15	Group 3 presentation: Maritime sector (45 min)		
16h15 – 17h00	Group 4 presentation: Mining sector (45 min)		

Day 5: Friday 8th September
Module 4: Governance in Action – Marine Living Resources (Biodiversity)

09h00 – 09h15	Logistics and recap		
09h15 – 09h30	Café session 1	Participant 17	
09h30 – 09h45	Café Session 2	Participant 18	



09h45 – 10h45	Convention on Biological Diversity, the Global Biodiversity Framework, the 30 x30 target	Steve Kirkman	DFFE
10h45 – 11h00	TEA BREAK		
11h00 – 12h00	Treaty of the High Seas	Thembile Joyini	DIRCO
12h00 – 13h00	Introduction and overview of marine and coastal biodiversity in southern Africa	Luther Adams	SANBI
13h00 – 14h00	LUNCH -2018 - MzanSea video 6:55 Min		
14h00 – 15h00	Instruments for achieving the 30 x 30 target for conservation of marine biodiversity. <ul style="list-style-type: none"> Ecologically or biologically significant marine areas (EBSAs) Marine Protected Areas 	Kerry Sink	SANBI
15h00 – 15h15	SHORT BREAK		
15h15 – 16h15	Cultural areas of significance on the South African coastline. Case study	Loyiso Dunga	SANBI
16h15 – 17h00	Discussion	All	

WEEK 2 (11-15 September)

Day 6: Monday 11th September
Module 3: Governance Tools

09h00 – 09h15	Logistics and recap		
09h15 – 09h30	Café session 1	Participant 7	
09h30 – 09h45	Café Session 2	Participant 8	
09h45 – 10h45	Integrated Coastal Zone Management in the African context	Ryan Peter	DFFE
10h45 – 11h00	TEA		
11h00 – 12h00	State of Marine Environmental Reporting	Paul Lamin	EPA



12h00 – 13h00	Ocean and coastal information management system (OCIMS)– case study	Marjolaine Krug and Lauren Williams	DFFE
13h00 – 14h00	LUNCH		
14h00 – 15h00	Introduction to Marine Spatial Planning	Moses Ramakulukusha	DFFE
15h00 – 15h15	SHORT BREAK		
15h00 – 17h00	MSP Challenge Exercise	Group Work	

Day 7 Tuesday 12th September
Module 3 – Governance Tools

09h00 – 09h15	Logistics and recap		
09h15 – 09h30	Café session 1	Participant 9	
09h30 – 09h45	Café Session 2	Participant 10	
09h45 – 10h45	Modelling for Governance	Roy van Ballegooyen	WSP
10h45 – 11h00	TEA		
11h00 – 12h00	Geospatial Tools	Melanie Luck Vogel	CSIR
12h00 – 12h15	Café session 3	Participant 11	
12h15 – 12h30	Café session 4	Participant 11	
12h30 – 13h30	LUNCH		
13h30 – 14h30	Using guidelines & standards in monitoring & assessment of marine environment quality	Susan Taljaard	CSIR
14h30 – 15h30	The value of ecosystem services, and a framework for ocean accounting	Ken Findlay	GOAP
15h30 – 16h00	SHORT BREAK		
16h00 – 17h00	Group Work on Policy Brief Exercise		

Day 8: Wednesday 13th September
Module 4: Governance in Action – Marine Living Resources (Fisheries)

09h00 – 9h15	Logistics and recap		
09h15 – 09h30	Café session 1	Participant 13	
09h30 – 09h45	Café Session 2	Participant 14	



09h45 – 10h00	Café Session 3	Participant 15	
10h00 – 10h15	Café Session 4	Participant 16	
10h15 – 10h30	TEA BREAK		
10h30 – 11h30	Living Marine Resources	Kevern Cochrane	Rhodes University
11h30 – 12h30	Aquaculture	Kevern Cochrane	Rhodes University
12h30 – 13h00	Videos and Discussion (eLearning course)	2020 SFF Guidelines: value chain, post-harvest and trade 3:13 Min 2018 SSF Guidelines: gender equality and equity 6:04 Min	
13h00 – 14h00	LUNCH BREAK		
14h00 – 15h00	Small Scale Fisheries and the guidelines	Jackie Sunde	UCT
15h00 – 15h15	SHORT BREAK	2020 World Fisheries Day 2020 1:37	
15h15 – 16h15	Trade in Living Marine Resources	Simone Louw	TRAFFIC

Day 9: Thursday 14th September
Field trip:
Two Oceans Aquarium and V&A Waterfront

09h00 – 09h15	Logistics and recap		
9h15 – 10h15	Drive to Aquarium	All	
10h15 – 10h30	Meet at Two Oceans Aquarium, Introductions	All	
10h30 – 11h30	Urban Wildlife Walk	Brett Glasby	Two Oceans Aquarium
11h30-11h45	TEA BREAK		
12h00 – 13h00	Human Behaviour/science communication/Ocean literacy	Judy Mann	Two Oceans Aquarium
13h00 – 14h00	LUNCH BREAK		
14h00 – 15h00	Turtle Conservation and Tour of Facility	Talitha Noble	Two Oceans Aquarium
15h00 – 15h30	Rooftop exhibits	Aquarium staff	Two Oceans Aquarium
15h30 – 16h30	Aquarium Tour	Aquarium staff	Two Oceans Aquarium
	TBC Visit to waterfront		



Day 10: Friday 15 th September			
Module 4: Governance in Action – Offshore mining and energy			
10h00 – 10h15	Logistics and recap		
09h15 – 09h30	Café session 1	Participant 19	
09h30 – 09h45	Café Session 2	Participant 20	
09h45 – 10h45	Oil and Gas exploration	Phumla Ngesi	PASA
10h45 – 11h00	TEA		
11h00 – 12h00	Marine Mining	Thembile Joyini	DIRCO
12h00 – 13h00	Marine Renewable Energy	Robert Farrugia	University of Malta
13h00 – 14h00	LUNCH		
14h00 – 15h00	Towards green ports and shipping	Obakeng Molelu	UNISA
15h00 – 17h00	Group Work on Policy Brief Exercise	All	
Field Trip: Saturday 16 September			
International Coastal Cleanup Day- Mouillie Point Beach			
08h30 – 09h00	Drive To Mouillie Point Beach		
09h00 – 09h10	Briefing	Kirshia Govender	IOI-SA
09h10 – 10h30	Dirty Dozen Beach Cleanup (Citizen Science Activity), Sorting of Waste & Group Photo	All	
10h30 – 12h00	Optional Rock Pooling Activity	Kirshia Govender	IOI-SA
12h00 – 12h30	Lunch		
12h30 – 13h00	Drive back to Kirstenbosch		



WEEK 3 (18-22 September)

Day 11: Monday 18th September
Module 4: Governance in Action – Maritime Sector

09h00 – 09h15	Logistics and recap		
09h15 – 09h30	Café session 1	Participant 21	
09h30 – 09h45	Café Session 2	Participant 22	
09h45 – 10h45	Maritime Security	Carina Bruwer	TOC-SA ENACT Programme
10h45 – 11h00	TEA		
11h00 – 12h00	Port State Control	Captain Tobela Gqabu	SAMSA
12h00 – 1300	Environmental Impacts of Shipping	Lynn Jackson	IOI-SA
13h00 – 14h00	LUNCH		
14h00 – 15h00	Africa Agenda 2063	Alex Benkenstein	SAIIA
15h00 – 15h30	SHORT BREAK		
15h15 – 16h15	Science policy interface: case studies from the Western Indian Ocean	Alex Benkenstein	SAIIA

Day 12: Tuesday 19th September Field Trip to Cape Town Port
Module 4: Governance in Action – Maritime Issues

08h30 – 09h00	Depart to Cape Town Port		
09h00 – 09h30	Sign in and safety briefing.	Michael Melato	TNPA
09h30 – 10h15	Port Operations	Michael Melato	TNPA
10h15 – 11h00	Oil Spill Contingency Planning	Ravi Naicker	SAMSA
11h00 – 11h30	TEA		
11h30 – 12h15	MARPOL	Ravi Naicker	SAMSA



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12h15 – 13h15	LUNCH		
13h15 – 16h00	Tour of Port	Michael Melato	TNPA
Day 13: Wednesday 20th September Module 4 – Governance in Action (Maritime Sector)			
09h00 – 09h45	Introduction to marine invasive species in the African context	Koebraa Peters	CPUT
09h45 – 10h15	SANBI programme on marine invasive species	Siyasanga Miza	SANBI
10h15 – 11h00	The biofouling guidelines	John Alonso	IMO
11h00 – 11h15	TEA		
11h15 – 12h00	Ballast Water Convention	Theofanis Karayannis	IMO
12h00 – 13h00	Introduction to Risk Assessment Exercise	Lynn Jackson	IOI-SA
13h00 – 13h45	LUNCH		
13h45 – 15h45	Risk Assessment Exercise presentations and discussions	Group Exercise	
15h00 – 15h15	SHORT BREAK		
15h15 – 16h00	Continue with Risk Assessment Exercise presentations and discussions.		
16h00 – 16h30	Discussion		
Day 14: Thursday 21st September – Field Trip – Pollution and Waste Management (Kraaifontein MRF & Atlantic Recycling)			
09h00 – 09h15	Logistics and recap		
10h00 – 10h15	Meet at Kraaifontein Integrated Waste Management Facility, Safety Briefing		



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10h15 – 11h00	Marine Debris	John Kieser	Independent
11h00 – 11h15	TEA BREAK		
11h15 – 13h00	Tour of Facility	John Kieser	Independent
13h00 – 13h30	LUNCH		
13h30 – 13h45	Depart to Atlantic Recycling		
14h00 – 16h00	Presentation and guided tour of facility	John Kieser	Independent
16h00 – 17h00	Drive back to Kirstenbosch		
Day 15: Friday 22nd September Module 5 – Creating a Supportive Environment			
09h00 – 09h45	The ocean’s contribution to sustainable development	David Obura	CORDIO
09h45 – 10h45	Stakeholder Engagement	Leticia Greyling	Rhodes University
10h45-11h00	TEA BREAK		
11h00-12h45	Stakeholder Engagement	Leticia Greyling	Rhodes University
12h45 – 13h30	LUNCH		
13h30 – 16h00	Conflict Resolution	Liz McDaid	The Green Connection

WEEK 4 (25th-29th September)

Day 16: Monday 25th September-Public Holiday (Venue-Two Oceans Aquarium)
The Regional Ocean Governance Context

09h00 – 09h30	Logistics and Depart to Two Oceans Aquarium		
09h30 – 10h00	Group Work on Policy Brief Exercise – Hand in written document		
10h00-11h00 (11h00 EAT)	Land based sources of marine pollution	Eric Okuku	KMFRI
11h00 – 11h15	TEA		



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11h15 – 13h15	Group Work on Policy Brief Exercise – Hand in written document		
13h15 – 14h00	LUNCH		
14h00 – 15h00	Ocean Decade – African perspective	Jacqueline Uku	IOC-UNESCO
15h00 – 15h15	SHORT BREAK		
15h15 – 16h15	Youth engagement in Advancing the Implementation of UN Ocean Decades Agenda 2030 in Africa	Frank Mirobo	WIO-ECSN
16h00 – 16h30	Discussion		
Day 17: Tuesday 26th September Creating a supportive environment, and strengthening governance			
09h00 – 09h15	Logistics and recap		
09h15 – 10h00	Financing ocean conservation	TBC	TBC
10h00 – 11h00	Communicating about the ocean	Judy Mann	TOAF
11h00 – 11h15	TEA		
11h15 – 12h15	Case Study on the African Penguin	Millicent Makoala	DFFE
12h15 – 13h00	Brief for the groupwork “role play” Panel Discussion with Participants	Kirshia Govender	IOI-SA
13h00 – 14h00	LUNCH		
14h00 – 15h00	Preparation time	Government, NGO, Scientists, Community Corporate/Tourism	
15h00 – 16h00	Panel discussion 1: TBC	Government, NGO, Scientists, Community Corporate/Tourism	
16h00 – 17h00	Panel discussion 2: TBC	Government, NGO, Scientists, Community Corporate/Tourism	

Day 18: Wednesday 27th September
 Governance on the ground – Field Trip

08h30	Depart for False Bay Field Trip		
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09h30 – 10h30	Boulders Beach - Presentation on African Penguin conservation in urban context	Katta Ludynia Nolene Mahakali	SANCCOB SAN PARKS
11h00 – 13h00	Shark Spotters	Sarah Waries	Shark Spotters
13h00 – 13h45	LUNCH (Muizenberg)		
14h15 – 15h00	Presentation on Estuary Management	Lynn Jackson	IOI-SA
15h00 – 16h30	Visit to Zandvlei (Share video about Zandvlei)	Kyran Wright	City of Cape Town
16h30 – 17h00	Return to Kirstenbosch		
Day 19: Thursday 28 th September Ocean Leadership Workshop			
09h00 – 09h15	Logistics and recap		
09h15 – 13h00	Ocean Leadership Workshop	Pam Yako	ZENANDE Leadership
13h00 – 14h00	LUNCH		
15h00 – 17h00	Ocean Leadership Workshop	Pam Yako	ZENANDE Leadership
Day 20: Friday 29 th September Wrapping up – Presentation of group exercise			
09h00 – 09h15	Logistics and recap		
09h15 – 09h45	Policy Brief 1		
09h45 – 10h15	Policy Brief 2		
10h15 – 10h45	Break		
10h45 – 11h15	Policy Brief 3		
11h15 – 11h45	Policy Brief 4		
11h45 – 12h15	Discussion and Feedback		
	Awarding certificates		
12h15 – 12h30	Closing Remarks		
	Kirstenbosch garden walk		