



International Ocean Institute
Southern Africa



IOI-SA Course in Ocean Governance 2024 REPORT 4th – 29th November





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Ocean Governance Training for Africa

4 Weeks 22 Participants 12 Countries 58 Experts 30 Institutions





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A note from course Director, Judy Beaumont

The 2024 Ocean Governance Training Program (OGTP) got underway on Monday, the 4th of November for a 4-week period of in-person training, concluding on Friday, the 29th of November. Our venue was the Research Centre of the South African National Biodiversity Institute (SANBI), at the beautiful Kirstenbosch National Botanical Gardens. The program was jointly hosted by the International Ocean Institute-Southern Africa (IOI-SA), in partnership with the South African National Biodiversity Institute.



It was a privilege to be able to welcome 22 course participants from 12 African countries: Cameroon, Kenya, Liberia, Madagascar, Mozambique, Nigeria, Namibia, Seychelles, Tanzania, Tunisia, Togo, 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) is committed to building capacity and expertise in ocean governance through its global network of centres and training courses. The Ocean Governance Training Course for Africa is tailored to address the specific challenges faced by African states in managing ocean resources.

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 contribute their knowledge and experience and share their passion as they engage with the participants.



SANBI, Kirstenbosch Gardens, training venue for the one month long Ocean Governance training programme.

The 4-week in-house program was hosted at the South African National Biodiversity Institute's Kirstenbosch Research Centre (KRC). We are proud of the growing reputation of the IOI-SA Course in Ocean Governance for Africa. Selecting only 25 participants from the highly qualified and diverse pool of applicants is always a challenge. We strive to achieve a well-balanced cohort in terms of professional backgrounds, geography, and gender. Our goal is to ensure that participants represent a wide range of disciplines and experiences, enabling them to effectively apply the knowledge gained from the course in their respective work environments.

This eleventh edition received over 200 applications, and we were excited to welcome 22 participants: 13 from countries across Africa, including Madagascar, Tanzania, Kenya, Seychelles, Mozambique, Nigeria, Namibia, Tunisia, Togo, Liberia and Cameroon, and 9 from South Africa

Throughout the course, participants engaged with regional and international experts on various ocean governance themes. The program included interactive sessions and group discussions to foster peer-to-peer learning, complemented by field trips to apply theoretical knowledge in practical settings. Participants received certificates at the end of the course.



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The Ocean Governance Training Programme

The course is designed to strengthen capacity to engage with and address complex ocean governance challenges in the African region, particularly among early career professionals working in diverse ocean-related sectors. A key objective is to foster a network of practitioners who will actively work towards and advocate for responsible, knowledge-based ocean governance across 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.



Dr. Kerry Sink, Marine Program Manager and Principal Scientist at the South African National Biodiversity Institute (SANBI), welcomed participants on the first day of the Ocean Governance Training Programme. We are deeply grateful to our partner, SANBI, for providing an exceptional venue for the training.

The course covers the legal, institutional, and technical dimensions of ocean governance, with a strong focus on implementation—a common gap in environmental regulation capacity in many African countries. It addresses a broad spectrum of topics, including the blue economy, maritime sector, marine biodiversity, fisheries, and climate change, providing participants with a comprehensive understanding of key elements, governance considerations, and their interconnections.

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 (detailed in Annex I) integrated formal lectures, group discussions, interactive exercises, and feedback sessions on key topics covered throughout the week. Additionally, each participant was required to deliver a brief presentation on their area of expertise. These presentations were scheduled over three weeks, typically at the start of the day, allowing participants to familiarize themselves with each other's professional backgrounds while refining their presentation skills. To foster creativity and lighten the intensity of the learning experience, icebreaker activities allowed for recap of key concepts covered in the previous day's session and time was allocated weekly for reflections and feedback.

The training was complimented by the participants' thoughtful contributions, with an emphasis on peer-to-peer learning and collaborative exercises. 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 ongoing group exercise spanned the four-week programme, focusing on the development of a policy brief addressing key ocean governance issues.



Group presentations and final policy briefs were evaluated by a panel of ocean governance practitioners, who provided feedback on content, presentation skills, and group dynamics. Additionally, the course featured sessions on stakeholder engagement, conflict resolution, planning, communication, and ocean leadership—essential skills that participants can apply in their professional environments.



The Ocean Governance Training Programme maintains a balanced approach by integrating daily lecture sessions with discussions and group workshops that reinforce key topics covered in the modules. Each week was structured around specific themes, with 15 to 20 lectures, group exercises and a field trip. Examples of the theoretical and practical work are summarised below. Leticia Greyling from Rhodes Business School introduced participants to stakeholder mapping and the principles of effective stakeholder engagement. Group discussion centered on a case study of the African Penguin colony at Boulders Beach, located near the urban area of Simonstown. Participants identified key stakeholders, analyzed their perspectives, and assessed their contributions and relevance to the conservation program. For those unfamiliar with the Boulders Beach penguin colony, a site visit was arranged during the week, providing a firsthand experience of the conservation efforts in action.



Participants worked in groups for their activity on effective stakeholder engagement and mapping.

Pam Yako from Zenande Leadership facilitated a coaching session on the essential qualities of leadership in ocean governance, which was well received by participants. The discussion was shaped by participants' own experiences and challenges as ocean leaders, making the session highly relevant and engaging. The session emphasized that leadership is about influence and impact, rather than positional power. True leadership lies in the ability to shape key decisions and inspire action among peers and seniors alike. Impact is achieved when an individual's

interactions contribute meaningfully to the attainment of organizational goals.



Professor Patrick Vrancken of Nelson Mandela University, presented on United Nations Convention on the Law of the Sea (UNCLOS)

The session on the United Nations Convention on the Law of the Sea (UNCLOS), led by Professor Patrick Vrancken of Nelson Mandela University, sparked particular interest and discussion. As a fundamental



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area of study in international maritime law and ocean governance, UNCLOS provides the legal framework for the use and management of the world's oceans and their resources.

Understanding UNCLOS is crucial for professionals in ocean governance, marine policy, environmental law, and international relations, as it underpins global efforts to ensure the fair and sustainable management of ocean spaces

Liz McDaid, an activist and strategist, led a session on conflict resolution and communication, sparking in-depth discussions on negotiation and resolution through active listening, without the influence of status or position. Inspired by these insights, we integrated diverse learning strategies throughout the training, including videos, discussions, peer-to-peer learning, and simulation exercises, ensuring participants could learn by doing.

Dr Judy Lang-Mann, Two Oceans Aquarium Foundation (TOAF), continued with stakeholder engagement from a planning perspective and the communication required for meaningful participation. Building from previous group discussions participants were introduced to designing a communication strategy that would facilitate effective engagement.



Dr Judy Lang- Mann introduced participants to best practices of communicating about the ocean



Marine Spatial Planning Exercise



The IOC-UNESCO Marine Spatial Planning Board Game is an interactive tool designed to simulate real-world marine spatial planning (MSP) processes. Through a collaborative, hands-on experience, players take on the roles of stakeholders such as government, industry, and environmental groups to plan the sustainable use of marine spaces. The game involves balancing competing interests, such as conservation, shipping, energy production, and fisheries, while managing limited resources and ensuring ecological protection. It helps participants understand the complexities of ocean governance, decision-making, and the importance of cooperation in achieving sustainable marine management.

This was a lively practical exercise that really gave a taste of some of the challenges and complexities associated with MSP. Every year the group dynamic is significantly different with each participant bringing their own specific background and expertise in various governance sectors. It is not an easy task with limited time, and groupwork challenges that require communication, negotiation and leadership skills, to find joint solutions through collaboration.



Marine Spatial Planning challenge: participants represented a sector for their simulated countries and were tasked to work with their counter representatives. They negotiated marine spatial plans to accommodate environmental and socio-economic concerns when allocating use of marine zones of various sectors.



Policy Brief Exercise

One group exercise ran throughout the four-week period and involved the development of a policy brief on one of four broad topics listed below:

- Advancing Africa's Port Infrastructure for a Sustainable Blue Economy
- Strengthening Small-Scale Fisheries in West Africa: Policy Approaches for Sustainability & Resilience
- Harnessing Marine Genetic Resources for Africa's Sustainable Blue Economy
- Balancing Growth and Sustainability in Africa's Blue Economy

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. 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.



Policy brief exercise: Participants were given time during the training for the preparation of their policy brief group presentations with guidance from Judy Beaumont.



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Policy brief presentations were evaluated by a guest panel of ocean governance practitioners. (Right) The presentation on Small-Scale Fisheries was recognized and awarded for the excellent presentation.

Risk Assessment Exercise

Participants were introduced to the concept of risk assessment and its application in evaluating the potential introduction of specific marine alien species. Dr. Koebraa Peters, IOI-SA alumna, shared her expertise on marine invasive species in the African context and introduced biofouling guidelines, while Dr. Lynn Jackson provided an in-depth overview of the Ballast Water Convention. Dr. Jackson also facilitated group presentations on risk assessment, highlighting its use as a key tool in various environmental management applications. The exercise was based on a simplified version of the Risk Analysis Framework used in South Africa.



Dr Koebraa Peters (left) and Dr Lynn Jackson (right)- presented an introduction to marine invasive species in the African context, Biofouling guidelines and the Ballast Water Convention under the module Governance in Action (Maritime Sector).



Participants conducted a risk assessment for two species—*Carcinus maenas* (European shore crab) and *Pterois volitans* (Lionfish)—across two selected locations. Each group worked through a structured template to address two key questions: 1. What is the likelihood of the species becoming invasive in the selected area? 2. If an invasion occurs, what would be the potential consequences and impacts?

This exercise provided participants with practical experience in risk evaluation and decision-making, reinforcing the importance of risk assessment in marine environmental management.



Farhiya Elmy and La-Toya Shivute, along with their respective groups, presented the findings of the risk assessment exercise



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Field Trips

The field trips were an important component of the technical course schedule, grounding the course content in practical, real-world examples and offering participants a chance to explore areas around Cape Town through the perspective of ocean governance. For many participants, it was their first time visiting Cape Town's incredible sites in the Western Cape. Highlights included trips to the Kirstenbosch National Botanical Garden, Cape Town Port, Milnerton Beach, Two Oceans Aquarium, Kraaifontein Recycling Plant, Zandvlei Nature Reserve, and Shark Spotters.

A visit to the Two Oceans Aquarium Foundation, a South African nonprofit public benefit organization, highlighted its contributions to marine biodiversity research, conservation efforts, and environmental awareness. The Foundation plays a key role in marine science education and inspiring behaviour change, encouraging people to take action for the ocean while fostering connections between communities and the marine ecosystem.



Marine Biodiversity and Conservation Tour at the Two Oceans Aquarium Foundation: Participants were introduced to the marine biodiversity of Southern Africa through a presentation at the Education Centre, followed by a guided tour. The afternoon concluded with a behind-the-scenes experience, showcasing the Aquarium's operations, including the marine conservation management of seals, turtles, and the critically endangered African penguins.



Participants were welcomed to the Education Centre with a presentation on South African marine biodiversity, followed by a guided front-of-house tour, showcasing the diverse marine life found in the Indian and Atlantic Oceans. The experience was further enriched by an exclusive behind-the-scenes tour, allowing participants to explore areas of the Aquarium that are rarely accessible to the public, such as rooftop views of large exhibits and the turtle rehabilitation facility. This provided valuable insight into the daily operations and conservation efforts of the Two Oceans Aquarium.

Overall, it was an insightful and engaging experience, concluding with an outdoor tour that highlighted the work of the V&A Wildlife Management Team. The session showcased incredible conservation efforts aimed at protecting marine wildlife in and around the V&A Waterfront and Cape Town Port.

False Bay, a renowned tourist destination, is home to a diverse array of marine life. This fieldtrip tied directly into the ocean governance modules covered during the training, focusing on marine conservation and socio-economic management. The tour included the following visits, Boulders Beach Penguin Colony, Shark Spotters, and Zandvlei Wetland, and explored conservation of the African penguin, a charismatic and endangered species in an urban context, as well as environmental education, shark conservation and estuary management.

Throughout the training, participants explored the management and conservation of endangered African Penguins, engaging in discussions and exercises focused on the Boulders Beach penguin

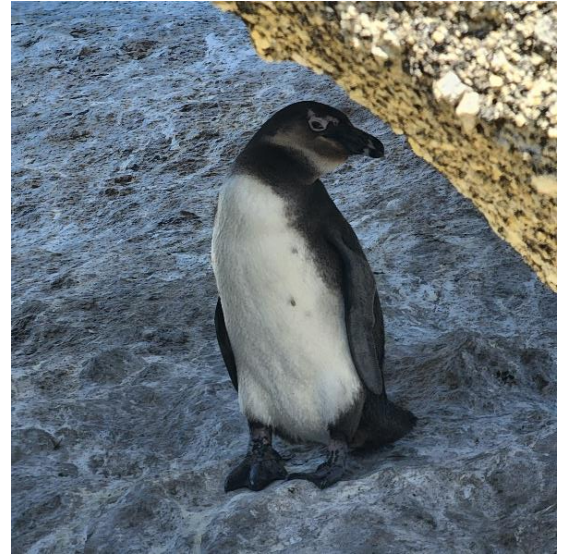


Millicent Makoala (DFPE)- Case Study on the African Penguin

colony. This site serves as a successful conservation area, contributing significantly to tourism and the local economy in a developed coastal setting. However, managing the colony presents challenges, particularly in addressing penguins nesting beyond the reserve, including in private properties, Navy grounds, and public beaches.



The African penguin (*Spheniscus demersus*), endemic to southern Africa, is classified as critically endangered under the International Union for Conservation of Nature due to rapid population declines. Once abundant, its numbers have plummeted by over 60% in the past three decades, primarily due to habitat destruction, overfishing, climate change, and oil spills. The loss of key food sources, particularly sardines and anchovies, has severely impacted breeding success. 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. Conservation efforts, including marine protected areas, fishing regulations, and rehabilitation programs, are ongoing to prevent further declines and ensure the survival of this iconic species.



Field trip: A visit to Boulders Beach penguin colony, it was spring low tide and participants were fortunate to walk on the beach for a closer view of the penguins in their natural surroundings.



The return from Boulders Beach included a stop at Shark Spotters, a shark safety and research organization that pro-actively reduces interactions and conflict between recreational water users and white sharks in False Bay. Participants had the opportunity to interact with shark spotters on duty at the lookout point and a presentation at the Shark Information Centre. The CEO of Shark Spotters, Sara Waries shared the significant impact of the Shark Spotter Programme and incredible work in applied research on shark behaviour and ecology, raising awareness about shark safety and conservation issues, and employment opportunities and skills development.



Field trip: Shark Spotters CEO, Sarah Waries shared an insightful presentation about operations and marine wildlife management in False Bay.



Photo credit: Shark Spotters

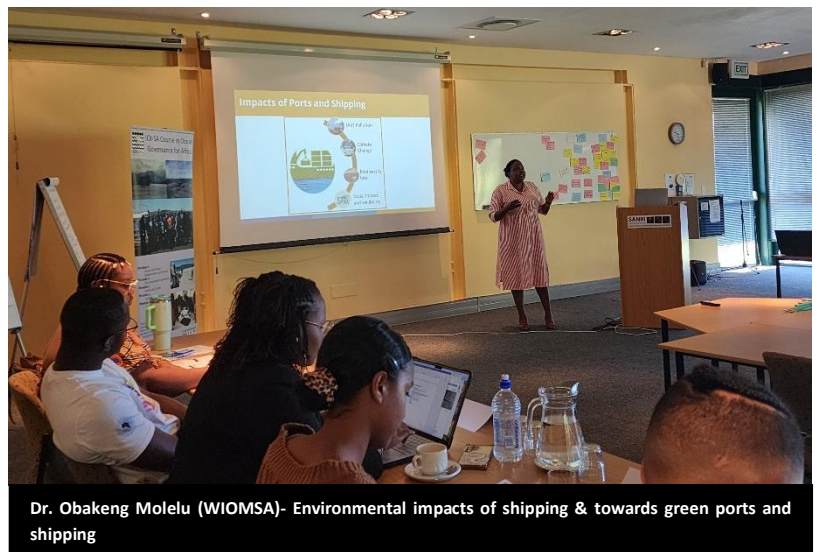


The final stop for the day, Zandvlei Wetland Nature Reserve, provided valuable insights into local conservation and habitat management, particularly in the face of urban development pressures. This reserve plays a crucial role in preserving diverse wetland and estuarine ecosystems. Kyran Wright, the reserve manager, introduced participants to estuarine management practices focused on maintaining water quality, controlling invasive species, and promoting ecological balance. He led a tour of the estuary, emphasizing the importance of preserving natural habitats while fostering sustainable interactions between people and nature.



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

We were fortunate to have three IOI-SA alumni present at the training, contributing valuable insights under the Governance in Action: Maritime Sector module. Ravi Naicker, an IOI-SA alumnus and representative from the South African Maritime Safety Authority (SAMSA), introduced participants to the MARPOL Convention, the International Convention for the Prevention of Pollution from Ships. He also provided an overview of South Africa's oil spill contingency planning process. Dr. Obakeng Molelu, another IOI-SA alumnus, representative from the Western Indian Ocean Marine Science Association (WIOMSA), presented her insights on the environmental impacts of shipping and the transition toward green ports, highlighting the importance of sustainability in the maritime sector.



Dr. Obakeng Molelu (WIOMSA)- Environmental impacts of shipping & towards green ports and shipping



A field trip to Cape Town Port provided participants with a firsthand understanding of the complexities of port operations. The visit was facilitated by IOI-SA alumnus Michael Melato, Transnet National Ports Authority (TNPA). Situated on the shores of Table Bay, Cape Town Port is one of South Africa's most important and historic maritime hubs, strategically positioned along one of the world's busiest shipping routes, making it a vital point for international trade. Participants had the opportunity to explore key operational areas, including the port control room and dry docks and dredging. We extend our gratitude to TNPA for hosting us and granting access to explore the inner workings of Cape Town Port.



Cape Town Port: Ports play a crucial role in global commerce, transportation, and the governance of the world's oceans and their resources. Participants visited Cape Town Port to gain insights into its daily operations and how they align with the ocean governance concepts covered during the training.



Across the bay directly opposite Cape Town port, the day concluded with a visit to Woodbridge Island and Milnerton Lagoon Beach, where participants met with Darryl Colenbrander from the City of Cape Town (CPT). Darryl led a discussion on coastal erosion and sea level rise, highlighting significant environmental challenges affecting the area. The coastline is becoming increasingly vulnerable as natural protective barriers, such as sand dunes, are gradually eroded. Additionally, human activities, including coastal development and sand mining, have further weakened the shoreline's resilience.



Integrated Coastal Zone Management presentation and tour by Darryl Colenbrander (CPT)

This ongoing erosion has led to beachfront loss, exposure of infrastructure, and disruption of coastal ecosystems. Darryl shared his expertise on Integrated Coastal Management around Table Bay, emphasizing the need for local conservation efforts to stabilize the shoreline, reinforce natural barriers, and implement sustainable coastal management strategies.

The final field trip for the training was a visit to Kraaifontein Integrated Waste Management Facility, gaining firsthand insight into Cape Town's approach to sustainable waste management. The tour was led by John Kieser, a beach cleanup expert with years of experience at PlasticsSA. The facility showcased waste sorting and recycling processes, demonstrating how materials are diverted from landfills to promote waste reduction and environmental sustainability.



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Material Recovery Facility (MRF) and Plastic Recycling Plant Tour: John Kieser shared his expertise on marine litter through an engaging presentation at the facility, followed by a tour of the MRF. This impactful experience inspired participants to enhance recycling efforts in their home countries. The tour concluded with a visit to the recycling plant, where participants observed firsthand how plastic pellets are produced from recycled materials.

John also delivered an insightful presentation on marine litter, emphasizing the long-term environmental impacts of waste materials. The day concluded with a visit to Atlantic Recycling, where participants explored the challenges and opportunities within the recycling industry, particularly the role of the manufacturing and marketing sectors in influencing recycling processes. These visits reinforced the urgent need for recycling, waste reduction, and responsible waste management in mitigating environmental impacts.



2024 Course Alumni



Aanisah Harris

Two Oceans Aquarium
Foundation & Nature
Connect

SOUTH AFRICA



Gerson Gonca

Mozambican
Association for the
Promotion of
Ecotourism,
Conservation & Rural
Development

MOZAMBIQUE



Abbie Allela

United Nations
Educational, Scientific
and Cultural
Organization

KENYA



Ghofrane Labyedh

African Marine Mammal
Conservation
Organization (AMMCO)

TUNISA



Kwami Agbetossou

Sustainable Ocean
Alliance

TOGO



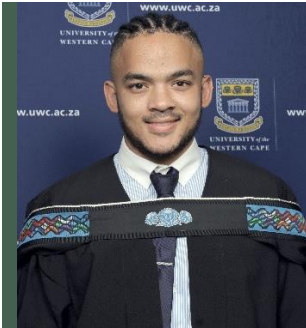
Inge Adams

Two Oceans Aquarium

SOUTH AFRICA



International Ocean Institute
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Aidan Smith

Department of
Forestry Fisheries and
Environment

SOUTH AFRICA



John Singbae II

Mano River Institute of
Ocean Governance and
the Law of the Sea &
UCT

LIBERIA



Alvania Lawen

Parley for the oceans

SEYCHELLES



Kolisa Yola Sinyanya

Ulwazi Scientific
Communications and
STEM Research

SOUTH AFRICA



Aziza Hassan

The University of
Dodoma

TANZANIA



La-Toya Shivute

Ministry of Fisheries
and Marine Resources

NAMIBIA



Thabisa Sikobi
Conservation South
Africa

SOUTH AFRICA



**Natacha Nougoua
Nzouachoua**

National Shippers
Council

CAMEROON



International Ocean Institute
Southern Africa



Bonga Govuza

Shark Spotters

SOUTH AFRICA



**Nestin Velompanahy
Rasolofoarivony**

Blue Ventures
Conservation NGO

MADAGASCAR



Cyril Kariuki

Kenya Fishing
Industries Corporation

KENYA



**Majorie Nkgabiseng
Sejosengoe**

Department of Forestry,
Fisheries and the
Environment

SOUTH AFRICA



Farhiya Elmy

Mwambao Coastal
Community

TANZANIA



Sherifat Adegbesan

College of Agriculture
and Natural Resources

NIGERIA



Florence Bet

Kenya Ports Authority

KENYA



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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:

“I found the course to be extremely enriching and it provided a deep understanding of the challenges and opportunities in the field of marine conservation and environmental management. My personal experiences with the course highlighted the importance of working collaboratively and strategically to achieve sustainable practices. Interacting with colleagues from diverse backgrounds was a valuable opportunity to learn different perspectives and enhance my communication and problem-solving skills. I believe the lessons learned during the course will be crucial for my role as an environmental activist and for contributing effectively to ocean conservation.”

“The field trip to the Port of Cape Town was highly relevant, enjoyable, and valuable. It offered a practical insight into the operations of a significant port and how governance and sustainability are integrated into maritime activities, enhancing my understanding of the challenges and opportunities in ocean governance. Before this training, I had very little knowledge of the maritime industry.”

“I was pleasantly surprised by how much I learned about the intricate legal frameworks and policies governing ocean resources, particularly the depth of the United Nations Convention on the Law of the Sea (UNCLOS) and its role in shaping global ocean governance. I didn’t expect to gain such a comprehensive understanding of how international law intersects with regional and local policies, and how these frameworks can drive sustainability and cooperation across nations.”

“I have gained great knowledge related to ocean governance that is applicable in my home country, particularly the ocean governance tools: Marine Spatial Planning, Ocean and coastal information management system (OCIMS), State of marine environmental reporting. I will use this knowledge to contribute to the existing work and initiate some activities and projects using the knowledge gained”

“Visiting Boulders Beach for African Penguin Conservation, engaging with Shark Spotters, and understanding estuary management and Zandvlei urban estuary policies provided practical insights into sustainability and coastal ecosystem management, aligning well with my interests and studies. Exploring Boulders Beach and learning about penguin conservation was both fun



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and educational. Engaging with the Shark Spotters program and visiting estuarine and urban areas added depth to my understanding of marine and environmental management. The field trip was extremely useful in broadening my knowledge of marine ecosystems, conservation strategies, and environmental policies.”

“Attending this course reinforced my commitment to marine conservation and governance. It also underscored the importance of informed decision-making, backed by scientific research and community involvement, in tackling ocean-related challenges.”





Annex I: The Schedule

2024 OCEAN GOVERNANCE TRAINING PROGRAMME

WEEK 1 (4 th - 8 th November)			
Day 1 Monday 4 th November 2024			
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	Kerry Sink	SANBI
09h20 – 09h50	Round Table Introductions	All	
09h50 – 10h15	Introduction to IOI and to the Ocean Governance Training Programme	Antonella Vassallo	IOI-SA
10h15 – 10h45	Course logistics, course outline, overview of practical exercises	Kirshia Govender	IOI-SA
10h45 – 11h00	Icebreaker: what does ocean governance mean to you? (Word cloud exercise) Values for the course	Kirshia Govender	IOI-SA
11h00 – 11h15	TEA BREAK		
11h15 – 11h45	What is Ocean Governance	Judy Beaumont	IOI-SA
11h45 – 12h00	Discussion	All	
Module 1– Opportunities and Challenges			
12h00 – 12h50	Oceans and coasts opportunities and challenges (general overview)	Andre Share	IOI-SA
12h50 – 13h00	Questions for clarity		
13h00 - 14h00	LUNCH		
14h00 – 14h55	The development and sustainability of blue economies	Andre Share	IOI-SA



14h55 – 15h05	Questions for clarity		
15h05 – 15h30	Panel discussion		
16h00 – 18h00	Meet and Greet- Wild Fig Restaurant	All	
Day 2: Tuesday 5th November Module 1 Opportunities and Challenges – Oceanography Basics and Climate Change			
09h00 – 09h15	Recap by volunteer. Logistics and overview of the day ahead		
09h15 – 09h30	Café session 1	Cyril Kariuki	
09h30 – 09h45	Café Session 2	Gerson Gonca	
10h00 – 10h40	Regional Oceanography and LMEs	Ashley Johnson	DFFE
10h40 – 10h50	Questions for clarity		
10h50 – 11h05	TEA BREAK		
11h05 – 11h45	Climate Change impacts on the oceans and coastal areas	Ashley Johnson	DFFE
11h45 – 11h55	Questions for clarity		
11h55 – 12h20	Panel Discussion		
12h25 – 13h25	LUNCH		
13h25 – 14h05	Putting climate science into policy & practice in coastal context	Luckson Zvobgo	UCT
14h05 – 14h20	Discussion		
14h20 – 15h00	How to do a policy brief	Danai Tembo	NMU
15h00 – 15h15	Discussion		
15h15 – 15h30	SHORT BREAK		
15h30 – 16h10	Understanding the role of behavioural sciences in conservation and sustainability	Pavs Pillay	WWF-SA
16h10 – 16h25	Discussion		



Day 3: Wednesday 6 th November Module 2 – The Regulatory Framework			
09h00 – 09h15	Recap by volunteer. Logistics and overview of the day ahead		
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		
14h45-15h45	UNCLOS continued	Patrick Vrancken	NMU
15h45– 16h00	Café session 3	La-Toya Shivute	
16h00 – 16h15	Café Session 4	Kwami Serge Foga Agbetossou	
Day 4: Thursday 7 th November Module 2 – The Regulatory Framework			
09h00 – 09h15	Recap by volunteer. Logistics and overview of the day ahead		
09h15 – 09h45	Presentation skills and expectations	Kirshia Govender	IOI-SA
09h45 – 10h30	Introduction to the regulatory framework	Lynn Jackson	IOI-SA
10h30 – 10h45	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 November
Field trip:
Two Oceans Aquarium and V&A Waterfront

09h00 – 09h10	Recap by volunteer. Logistics and overview of the day ahead		
09h10 – 09h50	Convention on Biological Diversity, the Global Biodiversity Framework, the 30 x30 target, EBSAS	Steve Kirkman	DFFE
09h50 – 10h00	Discussion	All	
10h00 – 10h40	South Africa’s approach to the 30 x 30 target for marine protected areas.	Ntombovuyo Madlokazi	DFFE
10h40 – 10h50	Discussion		
10h50 – 11h05	TEA BREAK		
11h05 – 11h30	Drive to Aquarium	All	
11h30 – 11h45	Arrival & Stamps at Reception Walk to the venue - TBC	All	
11h30 – 11h45	Introduction - Introductions, Attendance Register, Programme Outline, etc Presentation 1: Introduction to Two Oceans Aquarium & Foundation (10-15 minutes)		
12h00 – 13h00	Presentation 2: An Introduction & Overview of Marine and Coastal Biodiversity in Southern Africa		
13h00 – 14h00	LUNCH- V&A WATERFRONT		
14h00 – 15h00	Meet by back entrance & Split group into 2 smaller groups of 13 and 14 individuals Behind the Scenes – Guided Tours Group1 to start at		



	the Turtle Rehab Centre while Group 2 start at Kitchen & Culture Lab		
15h00 – 16h00	Front of House – Guided Tours Group 1 starts at Save Our Seas Shark Exhibit while Group 2 starts at the Tropical Exhibit		
16h00 – 16h15	SHORT BREAK		
16h15 – 17h00	Group(s) Activity & Feedback		
	Questions & answers- Post Course Evaluation		
	TBC Visit to waterfront		

WEEK (11-15 November)

Day 6: Monday 11th November

Module 4: Governance in Action – Living Marine Resources (Fisheries)

09h00 – 09h15	Recap by volunteer. Logistics and overview of the day ahead		
09h15 – 09h30	Café session 1	Aziza Hassan	
09h30 – 09h45	Café Session 2	Aidan Smith	
09h45 – 10h00	Café Session 3	Farhiya Elmy	
10h15 – 10h30	TEA BREAK		
10h30 – 11h10	Living Marine resources	Carl van der Lingen	
11h10 – 11h25	Discussion	All	
11h25 – 12h05	Aquaculture	Sheila Nyang'anyi	Kenya Fisheries
12h05 – 12h20	Discussion		
12h30 – 13h30	LUNCH BREAK		
13h30 – 14h10	Trade in Living marine Resources	Marcus Burgener/ Simone Louw	TRAFFIC
14h10 – 14h25	Discussion		
14h25 – 15h05	Small Scale Fisheries and the FAO Guidelines	Buhle Francis	NMU
15h05 – 15h25	Discussion		
15h00 – 15h15	SHORT BREAK		
15h15 – 16h15	Introduction to group policy brief exercise	Judy Beaumont	IOI-SA



Day 7 Tuesday 12th November
Module 3 – Governance Tools

09h00 – 09h15	Recap by volunteer. Logistics and overview of the day ahead		
09h15 – 09h30	Café session 1	John Singbae II	
09h30 – 09h45	Café Session 2	Bonga Govuza	
09h45 – 10h20	Ocean and coastal information management system (OCIMS)– case study	Lauren Williams	DFFE
10h20– 10h35	Discussion		
10h35 – 10h50	TEA		
10h50 – 11h30	State of marine environmental reporting.	Paul Lamin	EPA – Sierra Leone
11h30 – 11h45	Discussion		
11h45 – 12h25	Introduction to Marine Spatial Planning	Judy Beaumont	IOI-SA
12h25 – 12h40	Discussion		
12h40 – 13h40	LUNCH		
13h40 – 15h00	MSP Challenge Exercise	Group work	
15h00 – 15h15	SHORT BREAK		
15h15 – 17h00	Continue with MSP Challenge Exercise	Group Work	

Day 8: Wednesday 13th November
Module 3: Governance Tools

09h00 – 09h15	Recap by volunteer. Logistics and overview of the day ahead		
09h15 – 09h30	Café session 1	Yonela Mahamba	
09h30 – 09h45	Café Session 2	Abbie Allela	
09h45 – 10h20	Geospatial Tools	Melanie Luck Vogel	CSIR
10h20 – 10h30	Questions for clarity		
10h30 – 11h10	Using guidelines & standards in monitoring & assessment of marine environment quality	Susan Taljaard	CSIR



11h10 – 11h20	Questions for clarity		
11h20 – 11h50	Panel Discussion		
11h50 – 12h00	TEA		
12h00 – 12h40	Monitoring the health of estuaries in South Africa	Sibusiso Majola	DWS
12h40 – 12h55	Discussion		
12h55 – 13h55	LUNCH		
13h55 – 14h35	Modelling for Governance	Roy van Ballegooyen	WSP
14h35 – 14h45	Questions for clarity		
14h45 – 15h05	Panel Discussion		
15h05 – 15h20	Café session 3	Thabisa Sikobi	
15h20 – 15h35	SHORT BREAK		
15h35 – 15h50	Café session 4	Aanisah Harris	
15h50 – 17h00	Group Work on Policy Brief Exercise		

Day 9: Thursday 14 th November Module 4: Governance in Action – Maritime Sector			
09h00 – 09h15	Recap by volunteer. Logistics and overview of the day ahead		
09h15 – 10h00	Environmental impacts of shipping & towards green ports and shipping	Obakeng Molelu	WIOMSA
10h00 – 10h15	Discussion		
10h15 – 10h55	MARPOL	Ravi Naicker	SAMSA
10h55 – 11h05	Questions for clarity		
11h05 – 11h20	TEA		
11h20 – 12h00	Oil spill contingency planning	Ravi Naicker	SAMSA
12h00 – 12h10	Questions for clarity		
12h10 – 12h30	Panel Discussion		
12h30 – 13h30	LUNCH		
13h30 – 14h10	Maritime Security	Carina Bruwer	ISS
14h10 – 14h20	Discussion		
14h20 – 15h20	Port State Control	Abongile Makumsha	SAMSA
15h20 – 15h30	Discussion		



15h30 – 15h45	SHORT BREAK		
15h45 – 16h25	Port productivity in the African context	Adeola Oluwatoyin Osundiran	UNISA
16h25 – 16h40	Discussion		
Day 10: Friday 15 th November Governance on the ground – Field Trip			
08h30	Depart for False Bay Field Trip		
09h30 – 10h30	Boulders Beach - Presentation on African Penguin conservation in urban context	Katta Ludynia	SANCCOB SAN PARKS
11h00 – 11h30	Depart to Shark Spotters		
11h30 – 13h00	Shark Spotters	Sarah Waries	Shark Spotters
13h00 – 13h45	LUNCH (Muizenberg)		
14h30 – 15h00	Estuary Management	Kyran Wright	City of Cape Town
15h00 – 15h10	Discussion		
15h10 – 16h10	Visit to Zandvlei	Kyran Wright	City of Cape Town
16h30 – 17h00	Return to Kirstenbosch		

WEEK 3 (18-22 November)			
Day 11: Monday 18 th November Module 4 – Governance in Action (Maritime Sector)			
09h00 – 09h15	Recap by volunteer. Logistics and overview of the day ahead		
09h15 – 09h55	Introduction to marine invasive species in the African context	Koebraa Peters	CPUT
09h55 – 10h05	Questions for clarity		
10h05 – 10h45	The biofouling guidelines	Koebraa Peters	CPUT
10h45 – 10h55	Questions for clarity		
10h55 – 11h10	TEA		
11h10 – 11h30	Panel discussion (20min)		



11h30 – 12h10	Ballast water convention	Lynn Jackson	IOI-SA
12h10 – 12h20	Discussion		
12h20 – 12h50	Mouse-Free Marion Project	Sue Tonin	MFM Project
12h50 – 13h20	Introduction to Risk Assessment Exercise	Lynn Jackson	IOI-SA
13h20 – 14h10	LUNCH		
14h10– 15h30	Risk Assessment Exercise discussions	Group Exercise	
15h30 – 15h45	TEA		
15h45– 17h00	Risk Assessment Exercise group presentations		
Day 12: Tuesday 19th November Module 4: Governance in Action – Offshore mining and energy			
09h00 – 09h45	The value of ecosystem services, and a framework for ocean accounting	Ken Findley	
09h45 – 10h00	Discussion		
10h00 – 10h40	Preparation for False Bay field trip: Case Study on the African Penguin	Millicent Makoala	DFFE
10h40 – 10h50	Discussion		
10h50 – 11h05	TEA		
11h05– 11h45	Oil and Gas exploration	Phumla Ngesi	PASA
11h45 – 11h55	Discussion		
11h55 – 12h35	Marine geology and mining	Hayley Cawthra	Council for Geosciences
12h35 – 12h45	Discussion		
12h45 – 13h45	LUNCH		
13h45 – 14h20	Marine Renewable Energy	Robert Farrugia	University of Malta
14h20 – 14h30	Discussion		
15h15 – 15h30	SHORT BREAK		
15h30 – 15h45	Recap by volunteer.		



15h45 – 16h00	Café session 1	Nestin Velompanahy Rasolofoarivony	
16h15 – 16h30	Café Session 2	Kolisa Yola Sinyanya	
16h30 – 16h45	Café Session 3	Aanisah Harris	
Day 13: Wednesday 20 th November Table Bay Field trip:			
08h30 – 09h00	Depart for Table Bay Field Trip		
09h00 – 09h30	Arrive and sign in for safety briefing at Cape Town Port		
09h30 – 10h15	Port Operations	Michael Melato	TNPA
10h15 – 12h00	Tour of Port	Michael Melato	
12h00 – 12h30	Depart to Milnerton Lagoon		
12h30 – 13h30	LUNCH- BOSSA Woodbridge Island		
13h30 – 14h30	Coastal Erosion Talk	Darryl Colenbrander	CoCT
15h00 – 16h00	Beach Cleanup- Lagoon Beach the Dirty Dozen Method	Kirshia Govender	
16h00 – 17h00	Depart to Kirstenbosch		
Day 14: Thursday 21st November Governance in Action			
09h00 – 09h15	Recap by volunteer. Logistics and overview of the day ahead		
09h30 – 09h45	Café session 1	Ghofrane Labyedh	
09h45 – 10h00	Café Session 2	Majorie Nkgabiseng Sejosengoe	
10h00 – 10h15	Café session 3	Natacha Nzouachoua	
10h15 – 10h30	TEA		
10h30 – 11h10	Integrated Coastal Zone Management (ICZM)- overview	Merle Sowman	UCT
11h10 – 11h30	Panel discussion	All	



11h30 – 12h10	ICZM in Sierra Leone: challenges and opportunities	TBC	Sierra Leone EPA
12h10 – 12h25	Discussion		
12h25 – 13h05	Cultural areas of significance on the South African coastline	Loyiso Dunga	SANBI
13h05 – 13h25	Panel discussion		
13h25 – 14h25	LUNCH		
14h25 – 15h05	Creating 'third' spaces for Transdisciplinary governance in South African marine systems.	Louise Gammage	UCT
15h05 – 15h15	Discussion		
15h15 – 16h00	Group Work on Policy Brief Exercise		
16h00 – 16h15	SHORT BREAK		
16h15 – 17h00	Group Work on Policy Brief Exercise		
Day 15: Friday 22nd November Module 5 – Creating a Supportive Environment			
09h00 – 09h15	Recap by volunteer. Logistics and overview of the day ahead		
09h15 – 09h30	Café session 1	Gabriella Yeboah	
09h30 – 09h45	Café Session 2	Florence Bet	
09h45-10h00	TEA BREAK		
10h00 – 13h00	Stakeholder Engagement	Leticia Greyling	RU
13h00 – 14h00	LUNCH		
14h00 – 16h30	Conflict Resolution	Liz McDaid	The Green Connection

WEEK 4 (25-29 November)			
Day 16: Monday 25th November The Regional Ocean Governance Context			
09h00 – 09h15	Recap by volunteer. Logistics and overview of the day ahead		
09h15 – 09h30	Café session 1	Alvania Lawen	
09h30 – 09h45	Café session 1	Inge Adams	



09h45 – 10h25	Ocean Decade – African perspective and youth engagement in the African ocean agenda	Frank Mirobo	WIO-ECSN
10h25 – 10h35	Discussion		
10h35 – 10h50	TEA		
10h50 – 11h30	Africa Agenda 2063	Alex Benkenstein	SAIIA
11h30 – 11h45	Discussion		
11h45 – 12h25	The Regional Ocean Governance Strategy for the Western Indian Ocean.	Dominic Stucker	Collective Leadership Institute
12h25 – 12h40	Discussion		
12h40– 13h40	LUNCH		
13h40 – 14h20	The ocean’s contribution to sustainable development	David Obura	CORDIO-EA
14h20 – 14h30	Discussion		
14h30 – 15h30	Group Work on Policy Brief Exercise		
15h30 – 15h45	SHORT BREAK		
15h45 – 17h00	Group Work on Policy Brief Exercise		
Day 17: Tuesday 26th November Creating a supportive environment, and strengthening governance			
09h00 – 09h15	Recap by volunteer. Logistics and overview of the day ahead		
09h15 – 09h55	Financing ocean governance (lessons learned from the climate change sector on financing transformative change in ocean governance)	Patrick Lehmann	Rabia Transitions
09h55 – 10h10	Discussion/Panel Discussion		
10h10 – 10h50	Financing a marine protected area –: financial challenges and delivery of benefits to communities	Hugo Van Zyl	Independent Economic Researchers
10h50 – 11h05	Discussion		



11h05 – 11h20	TEA		
11h20 – 12h00	Communicating about the ocean	Judy Mann	TOAF
12h00 – 12h15	Discussion		
12h15 – 12h55	Blue Justice	Moeniba Isaacs	
12h55 – 13h10	Discussion		
13h10 – 14h10	LUNCH		
14h10 – 14h50 (15h10 EAT)	Case of Microplastics- African Context	Charles Kosore	KMFRI
14h50 – 15h00	Discussion		
15h00 – 15h30	Work on Policy Brief		
13h30 – 15h45	SHORT BREAK		
15h45 – 17h00	Work on Policy Brief		
Day 18: Wednesday 27 th November – Field Trip – Cape Town waste management Pollution and Waste Management (Kraaifontein MRF & Atlantic Recycling)			
08h00 – 08h15	Meet at Kirstenbosch		
08h15 – 09h00	Depart to Kraaifontein Integrated Waste Management Facility. Safety Briefing		
09h00– 09h30	Marine Debris	John Kieser	Independent
09h30 – 09h40	Discussion		
09h40 – 10h25	Tour of Facility	John Kieser	Independent
10h25 – 11h00	TEA		
11h00 – 11h20	Depart to Atlantic Recycling		
11h30 – 12h30	Presentation and guided tour of facility	John Kieser	Independent
12h30 – 13h00	Drive back to Kirstenbosch		
13h00	LUNCH- Packed Lunch for Field trip		



Day 19: Thursday 28 th November Ocean Leadership Workshop			
09h00 – 09h15	Recap by volunteer. Logistics and overview of the day ahead		
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 November Wrapping up – Policy Brief Presentation			
09h00 – 09h15	Recap by volunteer. Logistics and overview of the day ahead		
09h15 – 09h45	Policy Brief Group 1		
09h45 – 10h15	Policy Brief Group 2		
10h15 – 10h45	Break		
10h45 – 11h15	Policy Brief Group 3		
11h15 – 11h45	Policy Brief Group 4		
11h45 – 12h15	Discussion and Feedback		
	Awarding certificates		
12h15 – 12h30	Closing Remarks		
13h00 – 14h00	LUNCH-MOYO Restaurant		
	Kirstenbosch garden walk		