

International Ocean Institute – Southern Africa

In partnership with Two Oceans Aquarium Education Foundation

OCEAN ACADEMY PROGRAMME (DRAFT)

BACKGROUND AND CONTEXT

We need a healthy Ocean to survive. But our Ocean is in trouble, and so are we. By providing locally relevant, entry-level online education programmes, the Ocean Academy will enable interested laypersons to acquire the skills and knowledge needed to understand the complexities of the ocean and its local and global effects, now and in a changing future, laying the foundations for more informed understanding and personal daily decision-making.

Persons completing an IOI Academy Course will:

- gain a basic understanding of the ocean: the goods and services it provides, the threats to the ocean, how to live in a more sustainable way with the ocean;
- learn about the importance of ocean governance, sustainable and equitable human use, the principle of the common heritage of humankind, respecting the needs of future generations, all in locally relevant context;
- be empowered to become more active locally as stakeholders to positively influence their communities and beyond;
- be able to identify priority issues, trends and future challenges in ocean issues, locally and globally.



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OVERVIEW

- 20-hour delivered online, 4 hours per session, for 5 days
- **Free-of-charge for participants**
- A certificate of completion will be awarded to those who attend all the sessions
- Ocean knowledge that is locally relevant
- Overseen by the IOI-SA and implemented by local experts
- Dates:
 - Tuesday 7 February,
 - Thursday 9 February,
 - Tuesday 14 February 2023
 - Thursday 16 February 2023
 - Tuesday 21 February 2023

TARGET AUDIENCE:

This course is open to anyone with an interest in the ocean, ocean literacy, and ocean opportunities, including government, non-government organisations, business, labour etc.

DAY 1: Tues 7 February 2023	
What the ocean means for life on earth, and to each of us.	
13h30 – 13h45	Welcome
13h45 – 14h00	Introductions and background on the IOI Ocean Academy
14h00 – 14h15	Objectives and expected outcomes of the course. Overview of the course outline.
14h15 – 14h25	Video: Our Incredible Ocean: Now is the time to Protect it
14h25 – 14h45	Word cloud exercise: What does the ocean mean to you?
14h45 – 15h15	Quick break
15h15 – 15h45	Presentation 1: Introduction: “Our Oceans”
15h45 – 15h50	Video: MzanSea: Marine Protected Areas in South Africa
15h50 – 16h30	Presentation 2: Threats to the ocean
16h30 – 17h30	Discussion: What the ocean means to each of us.

DAY 2: Thursday 9 February 2023	
Marine and coastal biodiversity and ecosystem services	
13h30 – 13h40	Reflections on Day 1
13h40 – 13h45	Video: Ocean Literacy Principle: The ocean supports a great diversity of life and ecosystems
13h45 – 14h30	Presentation 3: Ecosystem services from the ocean, drivers of change and options for management and sustainable use.
14h30 – 14h45	Discussion
14h45 – 15h30	Presentation 4: Coastal conservation and rehabilitation
15h30 – 15h45	Discussion
15h45 – 15h50	Quick break
15h50 – 16h00	Video: Ocean Literacy Principle: We are all interconnected
16h00 – 16h45	Case Study: TBC
16h45 – 17h30	Discussion
DAY 3: Tuesday 14 February 2023	
Challenges facing our oceans and coasts	
13h30 – 13h40	Reflections on Day 2
13h40 – 13h50	Video: Ocean Literacy Principle: The ocean and humans are inextricably interconnected
13h50 – 14h30	Presentation 5: Are our oceans healthy?
14h30 – 14h45	Discussion
14h45 – 15h00	Quick break
15h00 – 16h00	Presentation 6: Overview of marine and coastal biodiversity around South Africa
16h00 – 16h15	Discussion
16h15 – 17h00	Presentation 7: Urban / wildlife interface
17h00 – 17h30	Discussion: Ocean and coastal challenges, conservation and management measures

DAY 4: Thursday, 16 February 2023	
Climate change: what it means for our oceans and coasts.	
13h30 – 13h40	Reflections on Day 3
13h40 – 13h50	Video: Ocean Literacy Principle: The ocean is a major influence on weather and climate
13h50 – 14h40	Presentation 8: How does climate change affect our oceans? What impacts are already being experienced? What action needs to be taken?
14h40 – 14h50	Discussion
14h50 – 15h00	Quick break
15h00 – 15h45	Presentation 9: Case study of the KZN floods
15h45 – 16h00	Discussion
16h00 – 16h15	Video: Climate change: impacts, adaptation and vulnerability
16h15 – 17h00	Discussion on examples of climate change impacts in coastal areas and response measures
Tuesday, 21 February 2023	
Blue Economy	
13h30 – 13h40	Reflections on Day 4
13h40 – 13h50	Video: Ocean Literacy Principle: The ocean makes earth habitable
13h50 – 14h30	Presentation 10: What is the blue economy? Are southern African countries part of the blue economy?
14h30 – 14h40	Quick break
14h40 – 15h30	Careers in ocean conservation and the blue economy
15h30 – 16h00	Video: Ocean Literacy Principle: The ocean is largely unexplored.
16h00 - 17h15	Discussion: What can I do? Further discussion: What have you learned? What would you like to know more about? How do you feel about the oceans and what you can do to take action?
17h15 – 18h00	Closure