



**ONLINE IOI OCEAN ACADEMY (Kenya)**

**Introduction to Coastal and Marine Ecosystem Protection  
for a Sustainable Blue Economy in Kenya**  
IOI Ocean Academy – Ocean Literacy Course

**Dates 3<sup>rd</sup> May 2024 to 8<sup>th</sup> June 2024**

**offered online by IOI Ocean Academy Kenya**

COURSE CONTENT	
Welcome and Introduction to the Programme and Course Concept	
	<i>Brief introduction to the International Ocean Institute, its vision and mission and why such a course is being offered.</i>
Part 1	
	<ul style="list-style-type: none"> <li>• <u>Description of the world Ocean in simple terms</u>; Status of knowledge of the marine environment; Ocean layers, currents, temperatures and the delicate ecosystems and habitats supporting the world’s fisheries (eg mangroves, sea grass beds, coral reefs); climate (heat transfer)</li> <li>• <u>Description of the goods and services provided by the Ocean</u>: living and non-living resources; maritime highway of global trade, ports and harbors; climate modulation and carbon sink; discoveries in the Ocean depths; the ‘value’ of Ocean goods and services – Blue Capital/Blue Economy</li> <li>• <u>Description of the threats to the Ocean</u>: human influence on the Ocean; pollution (including noise, plastics); Ocean acidification; resource over-exploitation inc living &amp; non-living (eg: overfishing, seabed mining), loss of habitat and biodiversity; climate change impacts on marine ecosystems</li> <li>• <u>Living with the Ocean</u>: sea-level rise, coastal erosion, extreme weather events, hazards to coastal cities, etc.</li> </ul>
	<ul style="list-style-type: none"> <li>• <u>Group discussion session and Q&amp;As</u>; group exercise?</li> </ul>
Part 2	
	<ul style="list-style-type: none"> <li>• <u>Concepts of Sustainability</u>; economy vs environment vs society; economic models; the Sustainable Development Goals (SDGs), etc</li> <li>• <u>Ocean Governance and Law of the Sea</u>: the concept of national maritime zones and areas beyond national jurisdiction.</li> <li>• <u>Governing global commons</u>: rights and duties within areas of national jurisdiction; the common heritage of Humankind.</li> </ul>
	<ul style="list-style-type: none"> <li>• <u>Group discussion session and Q&amp;As</u></li> </ul>
Part 3	
	<ul style="list-style-type: none"> <li>• Introduction to Kenyan Coastal and Marine Ecosystems</li> <li>• Challenges Facing Kenyan Coastal and Marine Ecosystems</li> <li>• Principles of Sustainable Blue Economy</li> <li>• Strategies for Coastal and Marine Ecosystem Protection</li> </ul>



Part 4: Conclusion and the way forward	
	<ul style="list-style-type: none"><li>• Recapitulation of Key Learnings and Insights</li><li>• Action Planning for Sustainable Blue Economy</li><li>• Resource Mobilization and Support Mechanisms</li><li>• Closing Ceremony and Commitment to Action</li></ul>