Training Course on Marine Resources

Professional Development Training Course Outline

Category	Blue economy	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

The vast blue economy offers a wealth of **marine resources** ranging from fisheries and offshore minerals to renewable energy and marine biotechnology. As global attention shifts towards sustainability and climate resilience, the efficient management, conservation, and exploitation of marine resources have become critical. This course is designed to empower participants with **cutting-edge skills** and knowledge to address pressing challenges in **marine resource management**, conservation policies, and sustainable exploitation, aligning with international frameworks like the **UN SDG 14 – Life Below Water**.

Participants will be equipped with the tools to assess, develop, and implement sustainable marine strategies, improve compliance with maritime regulations, and boost economic opportunities through **innovative ocean-based solutions**. Whether for national planning, community conservation, or private-sector investment, this program bridges knowledge gaps and fosters **blue economy leadership** for a sustainable future.

Programme Curriculum

Training Course on Marine Resources

Introduction

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Course Duration

5 days

Course Objectives

1. Understand the economic potential of the **blue economy**.
2. Identify and classify **marine ecosystems** and resources.
3. Examine policies on **sustainable fisheries** and aquaculture.
4. Explore **marine biodiversity conservation** strategies.
5. Analyze the impact of **climate change on marine life**.
6. Apply **GIS and remote sensing** in marine resource mapping.
7. Assess threats such as **marine pollution** and habitat degradation.
8. Understand **marine protected areas (MPAs)** planning and governance.
9. Promote **community-based marine resource management**.
10. Evaluate the role of **marine spatial planning (MSP)** in development.
11. Introduce **green and blue carbon** ecosystem benefits.
12. Understand regulatory frameworks for **marine mineral resources**.
13. Develop actionable plans for **marine sustainability and innovation**.

Organizational Benefits

- Strengthened capacity in **sustainable marine resource governance**.
- Improved decision-making through **data-driven marine strategies**.
- Enhanced compliance with **international marine regulations**.
- Boosted **blue economy investment opportunities**.
- Promotes institutional alignment with **SDGs and environmental policies**.

Target Participants

1. Marine biologists and ecologists
2. Environmental and natural resource managers
3. Policy makers in the blue economy
4. Fisheries officers and aquaculture experts
5. Coastal zone planners
6. NGOs and community project coordinators
7. Marine research scientists and academics
8. International development professionals

Course Outline

Module 1: Introduction to Marine Resources

- Overview of marine ecosystems
- Types of marine resources
- Importance of the blue economy
- Global trends and statistics

- International marine frameworks

Module 2: Marine Biodiversity and Conservation

- Species diversity and ecosystem services
- Endangered marine species
- Marine conservation policies
- Habitat restoration techniques
- Role of biodiversity in climate resilience

Module 3: Sustainable Fisheries and Aquaculture

- Fisheries management systems
- Sustainable aquaculture practices
- Bycatch and overfishing solutions
- Fish stock assessment techniques
- Legal and trade frameworks

Module 4: Marine Spatial Planning (MSP)

- Introduction to MSP
- MSP in coastal development
- Stakeholder engagement strategies
- Conflict resolution in ocean space use
- Integration with terrestrial planning

Module 5: Marine Pollution and Environmental Threats

- Sources and types of marine pollution
- Plastic and microplastic impacts
- Marine oil spills and response
- Coastal erosion and sedimentation
- Policies and prevention strategies

Module 6: Climate Change and Marine Resources

- Ocean warming and acidification
- Sea level rise implications
- Coral bleaching and biodiversity loss
- Climate adaptation strategies
- Blue carbon ecosystems (mangroves, seagrass)

Module 7: Offshore Resources and Marine Mining

- Deep-sea mining overview
- Environmental impact of offshore drilling
- Exploration of renewable marine energy
- Legal regimes and licensing
- Technological innovations

Module 8: Marine Governance and Innovation

- National and regional policies
- UN SDG 14 and international protocols

- Innovation in marine data collection
- Public-private partnerships
- Community-based governance models

Training Methodology

- Interactive lectures and expert-led presentations
- Case studies and group discussions
- Practical demonstrations (GIS & marine data tools)
- Role-playing and scenario-based exercises
- Action plan development for real-world application

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price

23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

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