

Vision 2025-2030

OCEAN TEACHER GLOBAL ACADEMY

OTGA-3 Empowering the global
community with the blue skills of the future



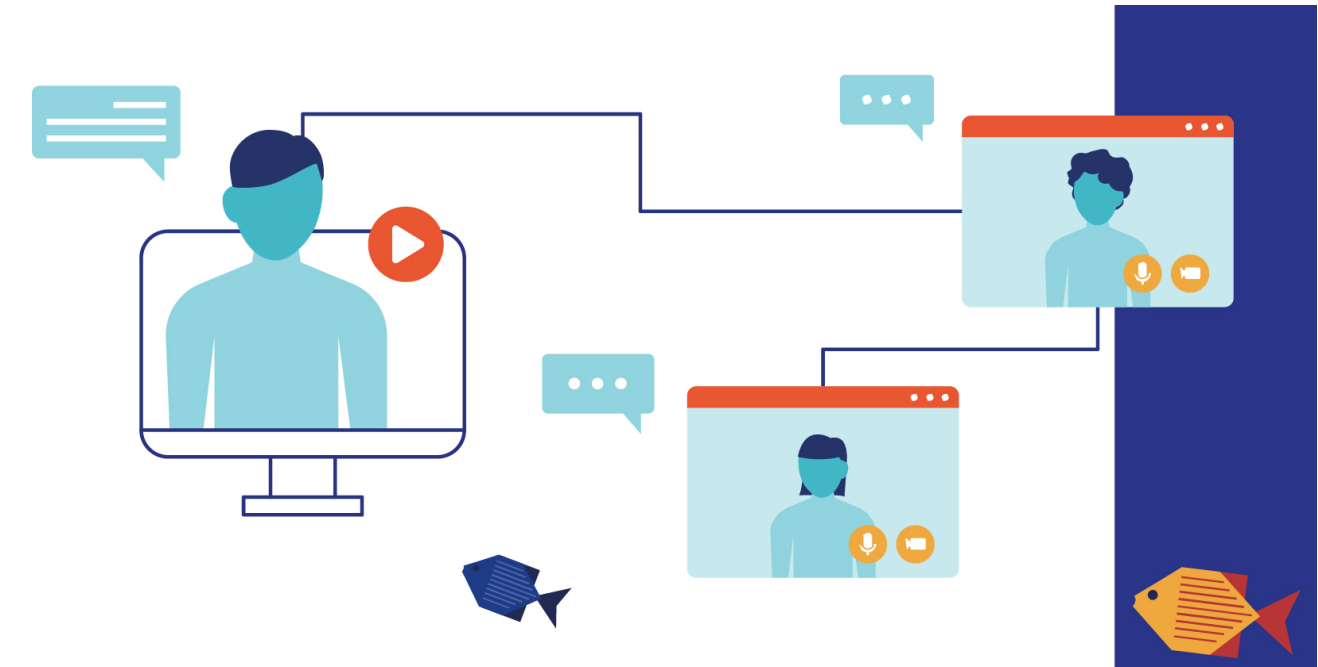
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Intergovernmental
Oceanographic
Commission



OceanTeacher Global Academy

The **OceanTeacher Global Academy** is **UNESCO-IOC's** training platform and learning management system, enabled by a global network of Regional and Specialised Training Centres, and affiliated partners, aiming to build **equitable capacity** in ocean research, observations, and services worldwide through knowledge sharing and coordinated training.



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OceanTeacher Global Academy

OTGA builds on a legacy of decades of training initiatives led and facilitated by **UNESCO-IOC's** Global Programmes, Regions, Member States, and its network.



1961

IODE & Ocean data training

Training in support of IOC needs and priorities

2015s

Co-design and bottom-up approach
RTC/STCs

Training to support SDG 14 and Decade

2025, beyond

Programme Component
Blue Skills



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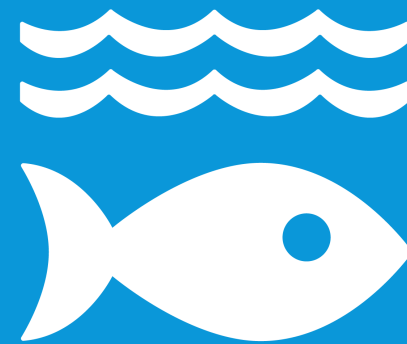
Flanders
State of the Art



OceanTeacher Global Academy

OTGA provides a complete set of **learning services and products**, standardized, accredited, openly and freely available to the ocean community.

14 LIFE BELOW WATER



OTGA coordinates, facilitates, develops, and delivers training courses responding to the **needs and priorities** of the global community, aligned with IOC Mandate and SDG 14.



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OceanTeacher Global Academy

17 Training Centres (RTC/STCs)
+100s of partners
1000 lecturers
+16 000 users e-Learning
187 countries
+50 courses yearly
4 languages EN ES PT FR
ISO-certified LMS
Automated reporting (KPIs)



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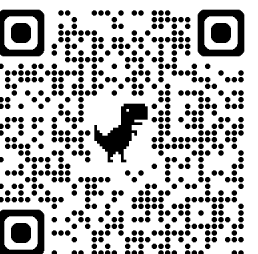
OTGA Alumni

Researchers
Data Managers
Natural Resource Managers
Practitioners in operations and support
Decision and policymakers
Institutional managers
Technicians, advisors and consultants
Extension services
Teachers and educators
ECOPs, graduates and postgraduates

OTGA Partners

Marine and maritime organizations, research projects, capacity
development initiatives, international programmes, multi-national
organizations
UN agencies

OTGA communication pack

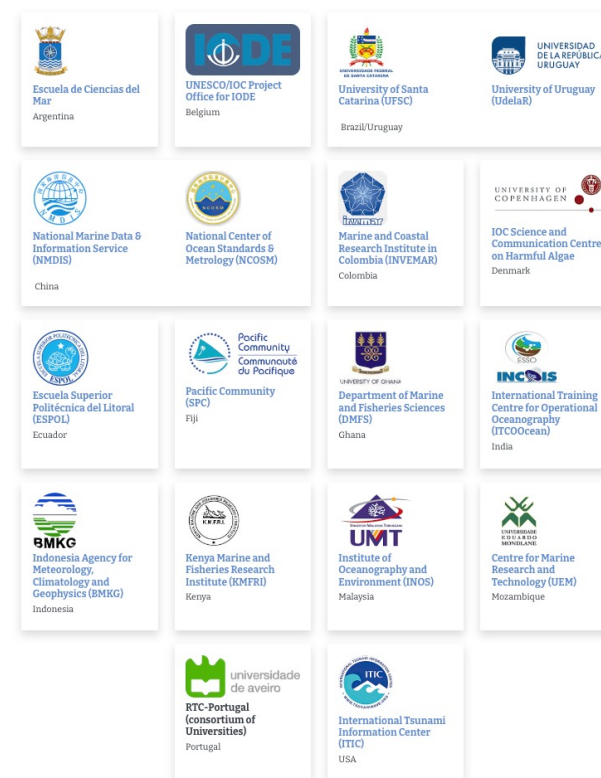




OceanTeacher Global Academy

Regional and Specialized Training Centres

(Argentina, Belgium, China, Colombia, Ecuador, Denmark, Fiji, Ghana, India, Indonesia, Kenya, Malaysia, Mozambique, Norway, Portugal, Uruguay/Brazil, and USA)



- Institution or coordinated group of institutions that undertakes delivery of training on a broad range of topics or targeted specialized training in marine science that contributes to the high-level objectives of the IOC.
- Nominated by IOC Member States and undergo an official selection process.
- Provide the institutional backbone for the training activities, and shall ensure the human and financial resources and facilities to design and deliver targeted learning services, responding to the training needs of the IOC Programmes, IOC Regions, and IOC Member States.



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Tags / subject::observing_systems

OceanTeacher Global Academy

subject Observing Systems



Online resources for marine ecosystem analysis

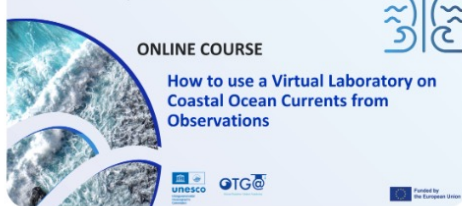
ONSITE

ROAEM25-Canada

NF-POGO Centre of Excellence. Online resources for marine ecosystem analysis 2025

14a Scientific Knowledge And Research

English



eosc Blue-Cloud2026 SELF-PACED

ONLINE COURSE

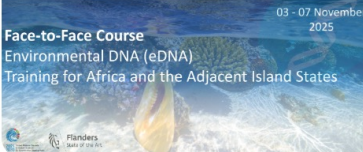
How to use a Virtual Laboratory on Coastal Ocean Currents from Observations

BC-VLab2*2025

How to use a Virtual Laboratory on Coastal Ocean Currents from Observations

Belgium Training Center

English



Face-to-Face Course Environmental DNA (eDNA) Training for Africa and the Adjacent Island States

03 - 07 November 2025

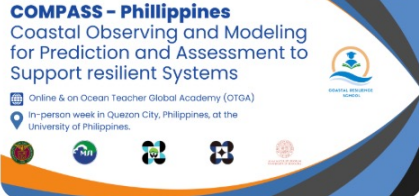
eDNA_Africa_2025

Environmental DNA (eDNA) Training for Africa and the Adjacent Island States

14.2 Marine And Coastal Ecosystems, 14.7 Sustainable Use Of Marine Resources

Belgium, Ghana Training Center

English



COMPASS - Philippines Coastal Observing and Modeling for Prediction and Assessment to Support resilient Systems

Online & on Ocean Teacher Global Academy (OTGA) In-person week in Quezon City, Philippines, at the University of Philippines.

COMPASS-Philippines2025

COMPASS Philippines - Coastal Observing and Modeling for Prediction and Assessment to Support resilient Systems

14.2 Marine And Coastal Ecosystems, 14a Scientific Knowledge And Research

English

... and many others



EMODnet

SP_EMODnetBiology

Contributing datasets to EMODnet Biology

14.7 Sustainable Use Of Marine Resources, 14a Scientific Knowledge And Research

Belgium Training Center

English



Online Training on Ocean Forecast System

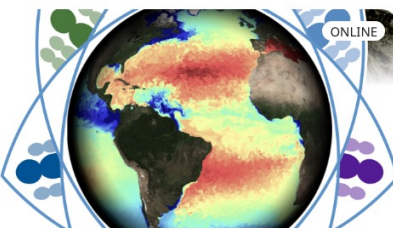
OFS2024

Online Training on Ocean Forecast System

14a Scientific Knowledge And Research

Indonesia Training Center

English



Supporting Marine Earth Observation Educators

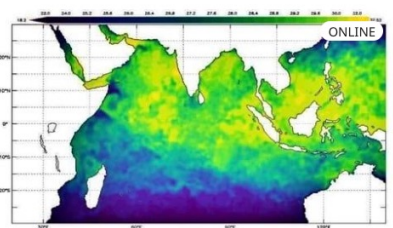
SMEE_2022

Supporting Marine Earth Observation Educators

14a Scientific Knowledge And Research

Belgium Training Center

English



Discovery and Use of Operational Ocean Data Products and Services

DUOOPS_2021

Discovery and Use of Operational Ocean Data Products and Services

14a Scientific Knowledge And Research

India Training Center

English



OceanTeacher Global Academy

OTGA training courses are **jointly** developed and delivered by **RTC/STCs** and **affiliated partners** **on demand**.

Course proposal
(1)

Work plan
(2)

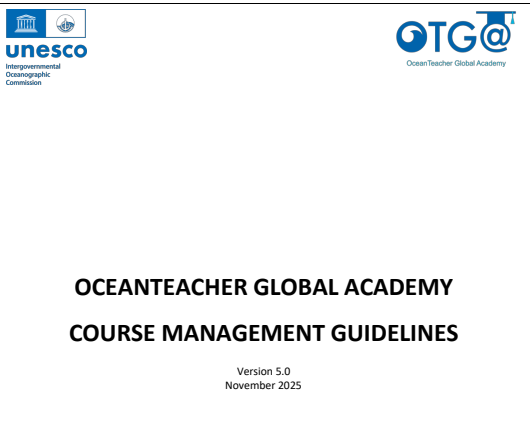
Learning materials
(3)

Training delivered
(4)

Evaluation
(5)

- Planning, development, and delivery of training
- Coordination and management of courses and alumni.
- Shared e-Learning Platform
- Creation of learning resources and activities
- Mechanisms for connecting experts, facilitators, and centres
- Guidance on learning services procedures and standards
- Training and mentoring exchange and internships

IOC Manuals and guides No.
OTGA Document No. OTGA01



OTGA Training Course Proposal Form (English)

To be completed for every OTGA Training Course proposal (see OTGA Course Management Guidelines for instructions and details).

Course name			
Course description (Summary of the purpose and key content covered)			
Needs and priority analysis (Explain how the course responds and addresses needs and priorities of IOC Programmes, Regions, and Member States, including the links with the IOC Capacity Development Strategy)			
Learning outcomes (List measurable statements describing what learners will know or be able to do upon completion of the course)			
Course content (Topics and activities to be covered)			
Target audience and prerequisites (Who should attend? What prerequisite knowledge is required?)			
Language of instruction			
Instructors (Name and affiliation of instructors; must be registered in OceanExpert)			
Start date	End date		
Course format	Online ☐	Onsite ☐	Blended ☐
If blended, list dates/times of online and onsite phases	Online:	Onsite:	
If onsite, list venue			
Are synchronous sessions planned? (List dates, times and time zone; is attendance mandatory?)			
Estimated course duration / workload (in hours) (If online or blended course, clearly indicate synchronous and asynchronous work hours, as/ if applicable)			
Organisers (RTC/STC/Affiliates)			
Learner assessment (How will learning be measured e.g., assignments, tests, etc.?)			
Evaluation/Certificate (Will a certificate be issued; what is the criteria?)			
Technology requirements/computer skills (Is IT or other skills required?)			
Pre-requisites (Is there a pre-course phase? Is special software required?)			



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OceanTeacher Global Academy

Call for collaborative
action, target-training,
sustained partnership,
and investment for the
next 5 years



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Vision 2025-2030

BLUE SKILLS

Envisioning training
programs to cover the key
competencies expected of
highly qualified ocean
professionals.

CREATIVE EXPERIENCES

Preparing training
infrastructure and learning
resources to facilitate
immersive and realistic
practice.

SHARED SOLUTIONS

Promoting opportunities to
develop and implement
sustainable ocean solutions
based on collaborative
experiences, support
frameworks, and cross-
sectoral partnerships.



CORE SERVICES

Strengthen the capacity of
the Regional and Specialized
Training Centres to provide
coordinated support and
sustain high-quality
impactful training programs.