

# OCEAN ALIVE SUMMER COURSE

2019  
PORTUGAL

A PARTNERSHIP BETWEEN OCEAN ALIVE NGO AND POLYTECHNIC  
INSTITUTE OF SETÚBAL

## MARINE SCIENCE AND EXPERIENTIAL LEARNING

Do you dream of a future career with impact in solving conflicts regarding **ocean sustainability**?

This marine science summer course is embedded into an award-winning local sustainability project, *Keepers of the Sea*, from Ocean Alive portuguese NGO. Participants will take on the challenge of developing life-changing and balanced solutions as part of their final evaluation.

This course enables participants to get **3 ECTS** (credits) **certificate**, if the course is completed successfully.



SCIENTIFIC  
MAIN TOPICS

WATER QUALITY AND  
HUMAN IMPACTS

MARINE ECOLOGY: NURSERY  
HABITATS AND KEY SPECIES

MONITORING TECHNIQUES  
AND OCEAN HEALTH

CLIMATE CHANGE AND  
BLUE CARBON

SCIENCE AND COMMUNITY  
CONSERVATION

## SCIENTIFIC PROGRAM HIGHLIGHTS

- » Learn the **monitoring techniques** used for the resident population of **bottlenose dolphins** in a boat trip
- » Apply **scientific protocols** for environmental quality and blue carbon storage assessments
- » **Snorkel** the biodiversity of rocky reefs and seagrass meadows
- » Sample **plankton** while **kayaking** and explore its diversity in a **laboratory**



## SOCIAL PROGRAM HIGHLIGHTS

- » Immerse yourself in **local culture** with a visit to the fish market, get moving with **traditional dance** and discover secret recipes in a **cooking class**
- » Take action by participating in a **beach cleaning** and awareness campaign and helping the local fisherwomen with **seagrass monitoring**
- » Ride the waves in a **surf experience**
- » Enjoy the night lights through **stargazing** and **fireflies observation**



Ocean Alive Summer Course takes place in Setúbal, one of the most beautiful bays in the world.

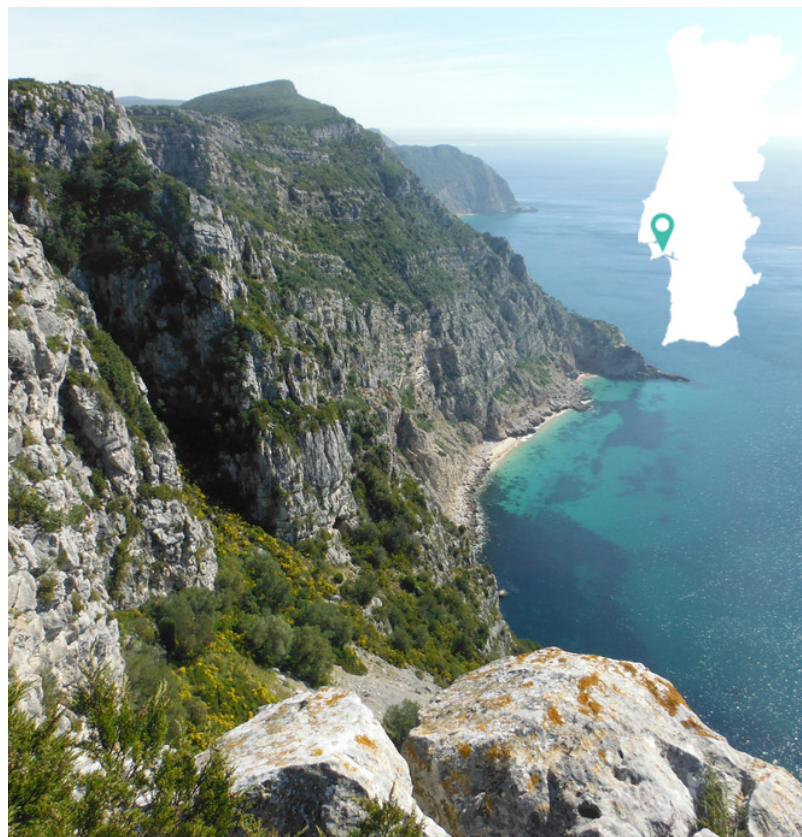
Setúbal city is located by the **Sado Estuary Nature Reserve**, classified as an important area for nature conservation, and **Arrábida Natural Park**, a hotspot of marine biodiversity and the first marine protected area which was implemented in Portugal.

This area is also very important for industrial, commercial shipping and nature tourism.

# STUDY ABROAD IN A SPECIAL PLACE

Course activities include lectures, hands-on lab classes, scientific protocols in marine studies, field and water activities as tools to explore marine life, and close interaction with local culture and the fishing community.

Program leaders include academic teachers and passionate marine marine biologists.






## OCEAN ALIVE PROGRAM EXPERTS

**Raquel Gaspar, PhD**

Cetaceans, Conservation, Science communication



**Sílvia Tavares, MSc**

Biodiversity, Conservation, Marine Education



**POLYTECHNIC INSTITUTE  
OF SETÚBAL PROGRAM EXPERTS**

**Ricardo Salgado, PhD; Ana Mata, PhD**

Marine biotechnology, Environmental monitoring

# WHAT'S UNIQUE?

Improve your academic and soft skills in a network of marine scientific experts, a NGO and the local community.

Participate in a real project creating impact in people and the environment

Engage in field and water activities in natural parks and marine protected areas

UNESCO is Ocean Alive institutional partner



Comité Nacional  
para o Programa  
Internacional de  
Geociências (IGCP)  
Portugal

[WWW.OCEAN-ALIVE.ORG](http://WWW.OCEAN-ALIVE.ORG)

"While we were in Portugal we cleaned up trash at a small fishery located in the Sado Estuary, we really saw first hand the problem. During the program we were asked to create a power talk on a subject we had been studying (we chose plastic waste in the ocean) (...) we decided to start a non-profit for our project."

- Whitney , Madeline, Lily and Antara, 2017 edition students and Elimiwaste founders [elimiwaste.weebly.com](http://elimiwaste.weebly.com)

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"(Raquel and Sílvia) Two of the most compassionate people I know. Their love for the ocean/all waterways sparked a new perspective on how I view the ocean and it's cool creatures."

- Ivana, 2017 edition student

*Some of the pictures were obtained during the OACamp 2017 as part as "Aquatic Ecosystems and Sustainability" CIEE program*

# JOIN US IN 2019! APPLY NOW

## PROGRAM DETAILS

8 to 19 July 2019 (10-day program)

College and High School Students

For ages > 18 yrs

English spoken

No previous experience required

Ability to swim is encouraged

Minimum attendance of 10 participants

## Applications deadline

May 20th 2019

<https://www.becas-santander.com/pt/program/ocean-alive-summer-course>

## Fee:

150€ in registration | 1500 € total cost

*Meals, accommodation, transport during the course and program materials will be provided; insurance is not included*

## Scholarships

Students may apply to 12 grants through Santander Scholarships program

## Contacts

✉ [info@ocean-alive.org](mailto:info@ocean-alive.org)

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