



07-13
JULY
2018

ADVANCED COURSE

Living Oceans & Climate Change

CETEMARES
POLITÉCNICO DE LEIRIA
PENICHE | PORTUGAL



This advanced course will address current challenges in marine ecosystem research, marine food webs and sustainable use of marine resources.

The course intends to expose graduate students (master or PhD level) to recent developments and methodologies in marine ecology under changing environments. It will be based on a holistic approach where experiments, field observations and models (statistical and mechanistic) will

be combined to address current challenges in marine ecology.

Keynote speakers will describe present recent advances in research with an ecosystem approach.

In addition to the academic program, the course will offer to the participants the opportunity of enjoying the friendly city of Peniche that claims to be "*The Wave Capital*".

Practical Topics

Functional Responses of Copepods and Jellyfish //
Copepod Egg Production // Remote Sensing and
Ground Truthing (Temperature and Chlorophyll) //
Fatty Acids as Biomarker // Zooplankton Abundance
and Diversity estimated from Molecular Tools //
Marine Protected Areas // Biosphere Reserve

3.0
ECTS

Application
deadline

**May 31
2018**

max
20 students

Applications should include a short motivation (max 0.5 page) and a brief CV (1 page).
Submit by E-mail to: sonia.cotrim@ipleiria.pt



Venue

The advanced course will be held at **CETEMARES - Marine Sciences R&D, Education, and Knowledge Dissemination Centre**, which is on the coast of the western region of Portugal, approximately 90 km from Lisbon. There are transport links between Peniche and Lisbon by bus services.



GPS

39°21'26.1"N | 9°22'30.0"W



Keynote Speakers

Agostinho Antunes

CIIMAR | Portugal

Alexandra Teodósio

CCMAR | Portugal

Américo Rodrigues

MARE-IPLeiaira | Portugal

Antonina dos Santos

IPMA | Portugal

Catarina Magalhães

CIIMAR | Portugal

Juan Carlos Molinero

IRD · MARBEC | France

Marco Lemos

MARE-IPLeiaira | Portugal

Peter Tiselius

University of Gothenburg | Sweden

Sam Dupont

University of Gothenburg | Sweden

Sérgio Leandro

MARE-IPLeiaira | Portugal

Sónia Cotrim

MARE-IPLeiaira · IPMA · CIMAR | Portugal

Susana Garrido

IPMA | Portugal

Travels and Accommodations

Participants will be responsible for organizing and paying their own travel costs as well as accommodation.

Cost

The course will be free of charge for the participants.

Schedule

To be announced.

*The advanced course "Living Oceans and Climate Change" is an output of the project **JELLYFISHERIES** [PTDC/MAR-BIO/0440/2014 -POCI-01-0145 FEDER-016772], that aims to unveil the underlying mechanisms through which global anthropogenic changes interact with jellyfish populations in Portuguese coastal ecosystems.*

 Living Oceans and Climate Change 2018

ORGANIZATION



ESCOLA SUPERIOR DE TURISMO E TECNOLOGIA DO MAR

SCIENTIFIC PARTNERS



SUPPORT



Cofinanciado por:

