

# AMARE-MED 2022

Advanced school on Multispecies modelling  
Approaches for ecosystem based marine REsource  
management in the MEDiterranean Sea

02-08 October, 2022

Larnaka, Cyprus

APPLICATIONS DEADLINE: 10 JULY 2022

<http://echo.ogs.it/amare-med/>

## WHAT?

This year's school will focus on spatially explicit resource modelling and includes fishing fleet displacement, environmental variables and management rules. The first three days will be devoted to constructing a 2D Model of Intermediate Complexity for Ecosystems (MICE; Plaganyi et al., 2014) and will include hands-on fitting exercises of non-spatial and spatial single- and multi-species models using MLE, evaluation of projections and trade-off analysis. In the second part of the school (2 days), the Spatial Management of Demersal Resources for Trawl Fisheries (SMART; D'Andrea et al., 2020) will be used to identify fishing grounds, and project the effects of fleet management measures on fisheries displacement and resources. The course is highly technical with practical hands-on computer activities, assignments and programming.

## WHO?

Maximum number of participants: 30. Candidates must apply through the online form (<http://echo.ogs.it/amare-med/>) and will be selected on the basis of expertise, skills, interest.

## FEES

There is no participation fee.

## SUPPORT

In the framework of initiatives for increasing capacity building, the FAO - General Fisheries Commission for the Mediterranean (GFCM) will support the participation of 2-3 scientists from non-EU Mediterranean and Black Sea countries. Additional fellowships will be provided by the National Institute of Oceanography and Applied Geophysics - OGS.

## TEACHERS



**Prof. André Punt**  
University of Washington,  
USA



**Prof. Tommaso Russo**  
University Tor Vergata,  
CNR-IRBIM, Conisma, Italy

*The AMARE-MED is organized annually and is promoted by the Dynamics of Ecosystems and Computational Oceanography ECHO group of OGS: Capogranitola 2017; Trieste 2018; Venice 2019; Split 2021. The Advanced school series promotes multispecies modelling solutions given an ever increasing need for holistic and ecosystem-based marine resource management in the Mediterranean and Black Seas.*

## ORGANISING COMMITTEE

Simone Libralato (OGS, Italy), Giuseppe Scarcella (CNR, Italy), Louis Hadjioannou (CMMI, Cyprus), Antonis Petrou (APMARINE, Cyprus)

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