

AMARE-MED 2024

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

28 July - 03 August 2024
Lisbon, Portugal

APPLICATIONS DEADLINE: 25 May 2024
[Application form](#)

WHAT? This year's school will focus on **modelling trawl survey data using traditional and geostatistical methods and their use in multispecies models for fisheries management**. The full week will be dedicated to i) basic analysis of trawl survey data, ii) application of geostatistical models implemented using sdmTMB, including environmental covariates using data from Copernicus Marine Service, iii) prediction of species spatio-temporal distributions under climate change and species overlap, iv) use of the results in Models of Intermediate Complexity (MICE) for evaluation of projections and trade-off analysis. The course will mix lectures and programming.

TEACHERS



Prof. André Punt
University of Washington,
USA



Dr. Lewis Barnett
NOAA Fisheries, Alaska Fisheries
Science Center (USA)

WHO? Maximum number of participants: 30. Candidates must apply through the online form ([application form](#)) 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 AMARE-MED will support the participation of 2-3 scientists from non-EU Mediterranean and Black Sea countries. Additional fellowships will be provided through projects of the main institutions organizing the AMARE-MED 2024.

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; Larnaca 2022. 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. Since 2022 AMARE-MED series is co-sponsored by The Laboratory on Quantitative Sustainability (TLQS).

ORGANISING COMMITTEE

Simone Libralato (OGS, Italy), Alexandra Silva & Carla Gomeiro (IPMA, Portugal), Piera Carpi (IMR, Norway), Giuseppe Scarcella (CNR, Italy)

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