Stock Assessment Workshop

7th to 9th May 2024

7 - 9 May 2024
Hotel Palladium
Palma de Mallorca, Spain

Organised By
MarinOmics Group, Aristotle University of Thessaloniki, Thessaloniki, Greece
IEO-CSIC, Balearic Islands Oceanographic Centre, Palma de Mallorca, Spain

MARINOMICS Research GROUP

CSIC
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS

INSTITUTO ESPAÑOL DE OCEANOGRAFÍA 1914

Supported By

EcoScope   Iliad

EcoScope is a Horizon 2020 research project funded under the Blue Growth Call

The Ecoscope project is co-ordinated by the Aristotle University of Thessaloniki (AUTH) and brings together 24 international partners from 18 countries across the UK, Europe, Scandinavia, Israel, Canada and the Philippines. The partners include universities and research institutions, NGO's, technology companies and businesses.

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General Information

The workshop, co-organised by the MarinOmics Group, Aristotle University of Thessaloniki (Greece) and IEO-CSIC, Balearic Islands Oceanographic Centre (Spain) within the framework of EcoScope Project, will be held at Palladium Hotel, Palma de Mallorca, Spain between the 7th and 9th of May 2024 (9.00-17.30 every day).

It will include all currently used methods on assessing the status of stocks and their exploitation rates at fisheries data poor areas based on catch and resilience (CMSY), abundance and resilience (AMSY) and length frequency distribution data (LBB).

The workshop is designed for around 15 participants. Please apply through the following form (deadline 20 March 2024): https://forms.gle/bvbjSMxvLqAceDCr7.

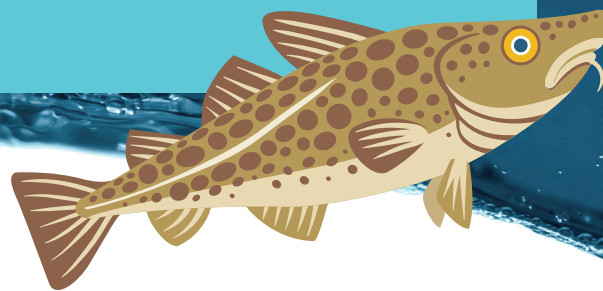Successful applicants will be notified by the end of March.

For inquiries please contact:

Prof Athanassios Tsikliras

atsik@bio.auth.gr

Required knowledge

A solid background in fisheries and fish biology concepts, and a good knowledge of R and R studio are required. Being familiar with the recent methods developed for assessing the status of fisheries in data poor areas would be very helpful.

Hardware and software requirements

Every participant is required to have a portable computer (with latest Windows 10 installed – BE CAREFUL: Mac with MacOS will also work but may require some changes in the code) that can be connected online.

The statistical environment R (v. 4.2 for Windows, https://cran.r-project.org/bin/windows/base/) and the console R Studio (v. 2022.02, https://www.rstudio.com), should be installed and tested. All software packages are open source (free to download and install).

The recent versions of script and data format of all methods should be downloaded.

LBB: http://oceanrep.geomar.de/43182/)

CMSY: http://oceanrep.geomar.de/34476/
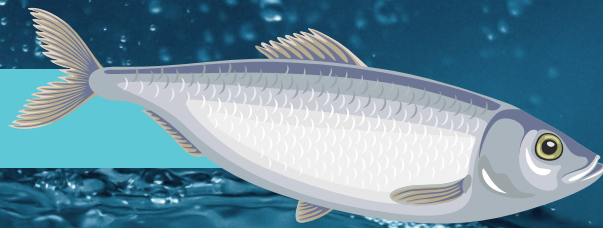
AMSY: will be distributed

Datasets

Participant are strongly encouraged to bring their own data (catch/landings time series, CPUE data time series, length-frequency distributions).
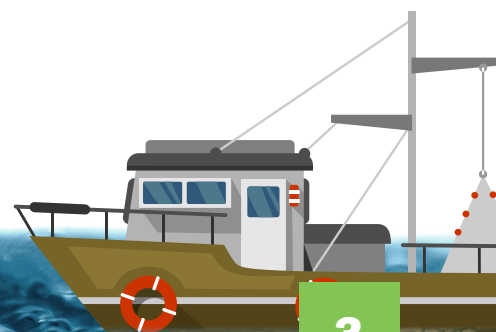
Certificate of Attendance

All participants will receive a certificate of completion.

Programme

Day / Time	Topic
Tuesday 7 May LBB	
09:00 – 10:45	Assessing stock status using length frequency distribution – Shiny Apps
10:45 – 11:15	Coffee break
11:15 – 13:00	Running analyses
13:00 – 14:00	Lunch break
14:00 – 15:30	Running analyses
15:30 – 16:00	Coffee break
16:00 – 17:30	Presenting results/Discussion
Wednesday 8 May AMSY	
09:00 – 10:45	Assessing stock status using abundance and resilience – ILIAD Shiny App
10:00 – 11:15	Coffee break
11:15 – 13:00	Running analyses
13:00 – 14:00	Lunch break
14:00 – 15:30	Running analyses
15:30 – 16:00	Coffee break
16:00 – 17:30	Presenting results/Discussion
Thursday 9 May CMSY	
09:00 – 10:45	Assessing stock status using catch and resilience – EcoScope ToolBox
10:45 – 11:15	Coffee break
11:15 – 13:00	Running analyses
13:00 – 14:00	Lunch break
14:00 – 15:30	Running analyses
15:30 – 16:00	Coffee break
16:00 – 17:30	Presenting results/Discussion

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