

SIMERPE3

Iberian Symposium on Modeling and Assessment of Fishery Resources

4 to 7 november 2025

Lisbon | Portugal

IPMA | Instituto Português do Mar e da Atmosfera

PROGRAMME

4 November

Tuesday

SESSION 1

From tradition to innovation: progress for data-rich stock assessment and management strategy evaluation

09:00 - 10:00	OPENING SESSION Maria Ana Martins Ivone Figueiredo
10:00 - 10:45	SESSION 1 Keynote: Dorleta Garcia Quarter Century Reflections: Challenges, Breakthroughs, and the Way Forward
10:45 - 11:10	Coffee-break
11:10 - 11:30	Mauricio Mardones Evaluating the impact of changes in minimum legal size on population dynamics of the wedge clam (<i>Donax trunculus</i>) in the Gulf of Cádiz using an integrated stock assessment model
11:30 - 11:50	Beatriz Guijarro Comparing two stock assessment approaches of demersal species in the Balearic Islands (western Mediterranean Sea): age-structured vs. production models
11:50 - 12:10	Amina Tifoua Assessing Natural Mortality Models Under simulations: Identifying the Most Robust Natural Mortality Model
12:10 - 14:00	Lunch
14:00 - 14:20	Georgios Kerametsidis Exploring Potential Biases in Conventional Stock Assessments: A Spatially Explicit Simulation-Estimation Experiment for the red mullet <i>Mullus barbatus</i> in the Northwestern Mediterranean Sea
14:20 - 14:40	Santiago Cerviño The retrospective pattern: a review of the current state of the problem and future actions
14:40 - 15:00	Adriana Nogueira Using multivariate autoregressive state-space models to examine stock structure of horse mackerel in the North Atlantic
15:00 - 15:25	Diana Feijó Estimating the slipping magnitude in the Portuguese purse seine fishery and the survival rates of sardine
15:25 - 15:55	SESSION 1 Talk: Rui Coelho Progress in data collection, fisheries assessment and management of large migratory pelagic species
15:55 - 16:20	Coffee-break
16:20 - 16:40	Leire Cítores A new post-benchmark evaluation of the management plan of Bay of Biscay anchovy
16:40 - 17:00	Juan Gil Herrera Blackspot seabream fishery recovery plan in the Strait of Gibraltar: A Management Strategy Evaluation
17:00 - 17:20	Sonia Sánchez-Marín A Flexibility Approach to enhance effectiveness of quota-based Fisheries Management
17:20 - 18:00	Round table-Q&A
18:00	CLOSING
19:30	Dinner

5 November

Wednesday

SESSION 2

Assessment and management of data-limited stocks

09:00 - 09:45	SESSION 2 Keynote: Tobias Mildenberger Navigating Uncertainty: Modeling and Managing Data-Limited Fisheries in the Northeast Atlantic
09:45 - 10:05	Mauricio Mardones SARTisanal: A Comprehensive R Package for Analyzing the Swept Area Ratio (SAR) of Artisanal Fishing Fleets
10:05 - 10:25	Wendell Medeiros-Leal What length-frequency data reveals about the current status of Azorean fish stocks
10:25 - 10:45	Bárbara Serra-Pereira Characterization of Norway Lobster fisheries in the south of Galicia and north of Portugal: implications for redefining the Iberian stock
10:45 - 11:10	Coffee-break
11:10 - 11:30	Miguel Pinto The role of environmental controls and exploitation rates on populations of three commercially relevant species along the Portuguese coast
11:30 - 11:50	Núria Zaragoza Stock assessment and environmental effects on the population dynamics of small pelagic fish in the Balearic Islands (western Mediterranean Sea)
11:50 - 12:10	Alberto Rocha Evaluating Biomass and Stock Status in the Algarve Octopus Fishery using CatDyn and RTMB Models
12:10 - 14:00	Lunch
14:00 - 14:30	SESSION 2 Talk: Wendell Medeiros-Leal Advancing Stock Assessment for Deep-Sea Fisheries Under Data-Limited Conditions
14:30 - 14:50	Marta Cousido Rocha Developing Alternative Catch Rules for Iberian Common Sole Using a Management Strategy Framework
14:50 - 15:50	Round table-Q&A
15:50 - 18:00	Coffee-break + Poster session
18:00	CLOSING

6 November

Thursday

SESSION 3

Beyond Single Stock Assessment: Integrating Ecosystem Considerations into Fisheries Management

09:00 - 09:45	SESSION 3 Keynote: Anna Rindorf Realising Ecosystem Based Fisheries Management: what will it take?
09:45 - 10:05	Diego Panzeri Integration of fisheries and ecological data to support spatial management: the case of blackspot seabream (<i>Pagellus bogaraveo</i>) in the western Mediterranean Sea
10:05-10:25	Inês Pereira Spatiotemporal variation of sardine, <i>Sardina pilchardus</i> , recruitment in the Northeast Atlantic and Western Mediterranean Sea: Implications for fisheries management
10:25-10:45	Nerea Goikoetxea Improving Catch Data Quality to Boost Predictive Mackerel Distribution
10:45 - 11:20	Coffee-break
11:20 - 11:40	Adrian Mencia Identification of key environmental variables to predict future distribution of European hake
11:40 - 12:00	Paula Sánchez-Zulueta An ecosystem approach assessment of the effects of the implementation of the multiannual plan for the fisheries exploiting demersal stocks in the western Mediterranean Sea and the climate change in the Balearic Islands
12:00 - 12:20	Xavier Corrales Modelling cumulative impacts of human activities on marine biodiversity using spatial-temporal ecosystem models for the Iberian Peninsula
12:20 - 14:00	Lunch
14:00 - 14:30	SESSION 3 Talk: Margarita Rincón Hidalgo Multidimensional framework for implementing EBFM: social, economic, and environmental dimensions of the ecosystem
14:30 - 14:50	Anxo Paz From Ecosystem Models to Stock Assessment: The Role of Cannibalism in Atlantic Iberian Hake
14:50 - 15:10	Leire Ibaibarriaga Incorporation of environment-driven processes into the simulation framework of the basque pelagic inshore fishery
15:10 - 15:30	Inês R. Pereira Unpacking Azorean Small-Scale Fisheries: An Integrated Structural, Social, and Economic Characterization
15:30 - 16:00	Coffee-break
16:00 - 16:20	Juan Moreno Navas An evaluation of the prior stock status and the ecological risk associated with a novel boat seine fishery
16:20 - 16:40	Danai Mantopoulou Palouka Optimizing Exploitation Patterns: Selectivity Indicators for Sustainable Management of Iberian Fisheries
16:40 - 18:00	Round table-Q&A
18:00	CLOSING

7 November

Friday

SESSION 4

Competing marine uses to fisheries: challenges posed by Offshore Wind Farms and Marine Protected Areas

09:00 - 09:45	SESSION 4 Keynote: Josep Lloret Promoting Sound Marine Spatial Planning of Offshore Wind Energy to Minimize Impacts on Marine Biodiversity and Fishery Resources: A Mediterranean Case Study
09:45 - 10:05	Ricardo Fernandes Modeling the Coastal Atmosphere and Ocean off Western Iberia to inform the development of Offshore Wind Farms
10:05 - 10:25	Maria Paz Sampedro Modelling the spatial distribution of European anglerfish species to inform marine spatial management
10:25 - 10:45	Sebastião Farias Assessing the Socioeconomic Impact of Fishing Exclusion Zones: a Portuguese case-study
10:45 - 11:15	Coffee-break
11:15 - 12:15	To the future: initiatives, collaborations et al.
12:15 - 13:00	Symposium summary
13:00	CLOSING