

Advancing Climate-Resilient and Sustainable Aquaculture in the Mediterranean

11 February 2024 | 09:30 - 15:30
Oran, Algeria (SIPA) and online



Background

The Mediterranean basin, characterized by its rich biodiversity and ecological significance, is a focal point for aquaculture. The region faces unprecedented challenges due to the impacts of climate change, including rising sea temperatures, longer heat waves, water acidification, altered precipitation patterns and extreme weather events. These changes pose a threat to the sustainability and resilience of aquaculture practices that play a crucial role in the socio-economic development of Mediterranean communities.

Objective

The workshop represents a possibility for a collaborative and informed approach to address the complex interplay between aquaculture and climate change.

The primary goal is to facilitate a deep understanding of the challenges posed by climate change in aquaculture. The second one is to propose effective and resilient strategies for sustainable development in the sector.

Topics covered

- Climate Change Impacts on Mediterranean Aquaculture
- Policy Alignment for Climate Resilience
- Development of Green Propulsion for Sustainable Aquaculture
- Strategies for Climate Change Mitigation and Adaptation, including new feed formulaions

Audience

This workshop is tailored for aquaculture professionals, researchers, policymakers, and stakeholders invested in proactively addressing the challenges posed by climate change in the Mediterranean aquaculture.

Advancing Climate-Resilient and Sustainable Aquaculture in the Mediterranean

11 February 2024 | 09:30 - 15:30
Oran, Algeria (SIPA) and online



AGENDA

10:00 Welcome and Introduction

- Houssam Hamza - GFCM FAO

Session 1 | Setting the scene

Aquaculture in the Mediterranean basin in the new climate change scenario

10:10 Aquaculture and climate change

- Nadia Pinardi, Director - UN Decade Collaborative Center on Coastal Resilience
- Rita Lecci, CMCC Foundation

10:40 Towards a sustainable blue economy: promoting sustainable aquaculture development in the WestMED Region

- Samir Bachouche - WestMED Initiative, Algeria

11:00 The European fish farmers views on climate change

- Javier Ojeda - FEAP (Online)

11:20 COFFEE BREAK

Advancing Climate-Resilient and Sustainable Aquaculture in the Mediterranean

11 February 2024 | 09:30 - 15:30
Oran, Algeria (SIPA) and online



Session 2 | New tools and innovations to face the climate change challenges

11:50 Strategies for the climate change mitigation and adaption in aquaculture

- Alessio Bonaldo - University of Bologna, Italy

12:10 Sailing into the Future: Green Propulsion for a more sustainable aquaculture

- Curzio Pagliari - University of Bologna, Italy

12:30 The feed challenge

- Umberto Luzzana - Skretting, Italy (Online)

12:50 LUNCH BREAK

Session 3: Climate change resilient farming systems

14:00 Saharan aquaculture: a model of aquaculture farming resilient to climate change

- Soufiane Bensalem - Université Kasdi Merbah Ouargla Salem, Algeria

14:20 Is IMTA the answer for climate change resilience?

- Elisa Ravagnan - Norce, Norway

14:40 Strategies for the climate change mitigation and adaption in aquaculture

- Enric Gisbert - Irta, Spain

15:00 Q&A Discussion and Conclusions