

# 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.

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## 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

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## 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

- Jose 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