



**GENERAL FISHERIES COMMISSION
FOR THE MEDITERRANEAN
COMMISSION GÉNÉRALE DES PÊCHES
POUR LA MÉDITERRANÉE**



**Committee on Aquaculture (CAQ)
Working Group on Site Selection and Carrying Capacity (WGSC)**

**Training Workshop on site selection, allocated zones for aquaculture and site management
for coastal marine aquaculture (WGSC-SHoCMed)¹**

M'Diq (Morocco) - 4-7 February 2013

DRAFT AGENDA AND TIMETABLE

Monday 4th February 2013 – Introduction and background
Morning session (9.00 – 13.00)

Opening and arrangements of the training/workshop

- Presentation of the training workshop and lectures
- Presentation of participants
- Presentation of the agenda.

1st sub-session – Introduction to the allocated zones for aquaculture (AZA) context

- Recent progress and knowledge of site selection and carrying capacity (ShoCMed) in the GFCM area regarding the application of AZA
- Establishment of AZA: Guide for establishing coastal zones dedicated to aquaculture in the Mediterranean countries

2nd sub-session – Basic concepts for AZA

Introduction

- Sector planning of aquaculture development and planning
- The importance of site selection studies prior to the establishment of AZA
- Definition and spatial context of AZA
- Establishment of AZA. Principles and criteria for the establishment of AZA.

¹ <http://www.faosipam.org/?pag=content/ ShowPortal&Portal=SHOCMED>

Main principles applied to the process.

- Integrated coastal zone management related to the site selection process and to AZA
- FAO guidelines to aquaculture site selection with consideration to carrying capacity
 - Ecosystem approach to aquaculture (EAA)
 - Introduction to the FAO aquaculture site selection guidelines
 - Steps to aquaculture zoning and site selection within the EAA
 - Site selection and environmental impact evaluation (EIA), relevance of minimum information needed

Afternoon session (14.30 – 17.00) - Practical session

- Defining ecosystem boundaries for the aquaculture zoning and site selection
- Identifying relevant stakeholders
- Identification of main issues (socioeconomic, environmental and governance) for the site selection or zoning criteria
- Selection criteria and risk assessment

Tuesday 5th February 2013 – Establishment of allocated zones for aquaculture (AZA)

Morning session (9.30 – 13.00)

1st sub-session - Relevance of Legal framework to support the establishing and implementation of AZA

2nd sub-session – Methodological aspects

3rd Sub-session. Spatial tools for aquaculture site selection and planning

- Introduction to the GIS methodologies
- GIS application in aquaculture to identify AZA

Afternoon session (14.30 – 17.00) - Practical session

4th sub-session - Overview of Mediterranean experience, AZA Fact Sheets

- Andalusian experience on site selection process and AZA implementation.
- Moroccan experience on site selection process and AZA implementation
- Tunisian experience on site selection and case study for AZA implementation
- Turkish experience on site selection and case study for AZA implementation

Analysis and discussion:

- Existence of sector planning
- Involvement in the aquaculture sector
- Aquaculture development, possibilities and constraints

Wednesday 6th February 2013 - Management of AZA
Morning session (9.00 – 13.00)

1st sub-session – Management plan for AZA

- **Objectives**
- **Management criteria; contents:**
 - Basic concepts, aims and issues of a management plan for AZA
 - Governance, competences and administrative management
 - Carrying capacity, environmental monitoring programme, and allowable zone of effect (AZE)
 - Sectoral aspects; companies structure and vision, synergies
 - Social aspects and interaction with other users
- **Rights and responsibilities of users**

2nd sub-session – Carrying capacity and AZA

- Carrying capacity, the ecological concept and types of carrying capacity in aquaculture
- Methods to adapt the levels of production to the environmental characteristics of the receiving environment: the example of the recent reform in the Greek fish farming industry
- Environmental quality standards as a yardstick for the determination of the maximum levels of production

3rd sub-session – Allowable zone of effect (AZE)

- AZE concept and its importance in fish farms management
- AZE spatial settlement (scientific and administrative aspects)
- Criteria for specific AZE, Environmental quality standards (EQS)
- AZE monitoring

Afternoon session (14.30 – 17.00)

4th sub-session – Environmental issues related to AZA

- **Environmental impact assessment (EIA)**
Definition, methodology, guidelines and procedures
- **Environmental monitoring programme (EMP)**
Definition, methodology, guidelines and procedures;
Why the monitoring is necessary: effect of the monitoring process on the amelioration of environment impact

5th sub-session – Delphi exercise on AZA

- Analysis and discussion

Thursday 7th February 2013 – Training workshop conclusions
Morning session (9.30 – 13.00)

1st sub-session – Implementation of an AZA (summary session)

Brief summary and discussion on the whole process of site selection, site monitoring and implementation of AZA.

2nd sub-session – Conclusions