

Advanced Specialised Course in

**Sustainable Development of Coastal Communities**

May 3– July 9, 2021

CIHEAM BARI is launching a new high-level specialised Training Programme in collaboration with the FAO and funded by the Italian Cooperation.

*Objectives*

This second edition of the course aims to strengthen stakeholders' capacities, develop, and implement integrated management policies, strategies and tools, focusing especially on stakeholders' empowerment, offering a comprehensive view of the Blue Economy explored through a cross-sectoral approach.

The program is specially built on the principles and practices of **Sustainable coastal development**, in particular planning and management, technical and legal aspects, taking into account environmental, social and administrative issues for development process.

*Learning outcomes*

By the end of the course participants will:

- Be able to identify strengths and limitations of sustainable development of their own coastal territories and promote development planning initiatives under an integrated approach including different sectors such as coastal and maritime activities.
- Be familiar with the relevant methodologies for the project management and planning and understanding of ecological models, the assessment of marine resources status and the identification of the development strategies.
- Have acquired knowledge about the international and regional best practices related to the fisheries management, aquaculture development and sustainable coastal maritime activities and tourism, encouraging local cooperation and introducing the model of Smart Coastal Villages, for contributing to improve the legislative frameworks in their own countries.

- Have developed their knowledge of the main innovations and management models for improving the seafood and correlated coastal community products value chain, managing the environmental threats and increasing the competitiveness of the coastal and maritime sectors.

### *Course structure*

The course will be organized in weekly units for a total duration of 10 weeks. Classes will include frontal lectures and interactive activities integrated with study tours and discussion sessions with private stakeholders.

The training approach is oriented to promote an integrated and smart development vision of the coastal area, transferring both technical and practical knowledge (ie. through lectures and best practices) for planning and implementing the best and sustainable interaction among all coastal development drivers

The course will be held at the Tricase branch of CIHEAM Bari (Lecce) where the activities will be carried on.

### *Beneficiaries & Admission Procedures*

The course is addressed to officials from the Ministries of Agriculture and Fishery, of Mediterranean and IORA countries.

This course is designed to assist representatives from government and related authorities, who are directly involved in the planning of coastal uses:

- Policy makers or advisors.
- National fisheries administration officials.
- Mid-level managers, technical staff, field personnel who are involved in the planning and development of coastal zones.
- Planners, policy formulators and programme managers who are involved in marine spatial planning.

They will be nominated by the competent Ministries in which they are employed, who will authorize the pre-selected candidates to apply for this course through the online procedure of the CIHEAM Bari website. After the selection made by CIHEAM Bari staff, through the evaluation of files and a personal interview (call conference), one participant per country will be chosen.

### *Language Requirement*

English is the communication and educational language of the program.

### *Costs of participation*

The course fees amount to 1,500.00€/ participant / week and cover: accommodation (board and lodging), insurance, local transport, teaching material and pocket money. The air ticket from and to the country of origin is not included in these fees.

## *Course program*

### **Module A. INTRODUCTION TO THE BLUE ECONOMY PRINCIPLES**

#### **Blue growth in the marine and maritime sectors**

- Blue Economy and Blue Growth concept
- Circular Economy
- Best practice for coastal community economy

### **Module B. COASTAL COMMUNITY DEVELOPMENT**

#### **Coastal community actions**

- Smart community concept: sustainability and resilience
- Multidimensional analysis of coastal communities' features
- Empowerment of vulnerable groups (gender, youth, etc.)
- Team building, stakeholders' identification and involvement in the participatory process
- Introduction to Tricase Porto Community and Port Museum model

### **Module C. METHODOLOGIES AND TOOLS FOR DESIGNING AND PLANNING DEVELOPMENT ACTIONS IN THE COASTAL AREAS**

#### **Building coastal community knowledge and skills**

- Project design for development - Project Cycle Management
- CIHEAM Projects presentation
- Introduction of practical exercise for the realization of a Master Plan focused on: “Coastal Community” case-study
- International/Regional strategies and Action Plans (EUSAIR, WESTMED, BLUEMED, etc.)

## Module D. STRATEGIES AND COMMON PLANS FOR COASTAL MANAGEMENT

### Planning methodologies

- Integrated Coastal Zone Management (ICZM)
- MPAs and co-management of natural resources

### Sustainable fisheries and aquaculture, and protection of the marine environment

- Promotion of the concept of responsible fisheries and innovative technologies
- Field visit: Marine Protected Area Torre Guaceto
- Introduction to AZA - regulation and Aquaculture zoning; Management of AZA; Environmental Impact Assessment (EIA)
- Promotion of the concept of responsible aquaculture; Responsibility in aquaculture management
- Best Aquaculture Practices and emerging activities
- Field visits

## Module E. DIVERSIFICATION AND INTEGRATION OF COASTAL ACTIVITIES

### Enhancing of coastal community activities

- Diversification of economic activities - (direct sales, pescaturismo and ittiturismo)
- Tourism, culture, and coastal community activities and relative interactions - Eco-tourism (natural, cultural and historic itineraries)
- Interaction between rural and coastal activities
- Field visits

## Module F. SUSTAINABLE SEAFOOD VALUE CHAIN

### Enhancing of Seafood value chain

- Food security and nutrition
- Food safety and quality
- Global frameworks
- Fish processing and technology
- Packaging
- Fish by products
- Food loss and waste
- Cold chain
- Markets and trade of fishery and aquaculture products
- Certification and eco-labeling
- Traceability
- Field visits

## Module G. INNOVATIVE APPROACH FOR A SUSTAINABLE COASTAL COMMUNITY

### Innovation and resilience of coastal community

- Smart coastal villages: green energy, recycling and waste and water resource management
- Marine litter pollution monitoring and management
- Field visit: Beach litter monitoring and Sea Turtle Rescue Centre Calimera
- Internet for the community, social networking/social media management, digital instruments and marketing action
- Field/Working Group

### *Evaluation system*

The results of the learning activities will be monitored throughout the life of the course through the submission of tests at the end of the didactic modules.

Participants will prepare and discuss an individual or collective project's work applying the acquired knowledge. The project's work could find a possible realization under the Blue Hope and Blue Growth initiatives

Participants must attend and participate actively in all lectures, seminars and activities included in the course program.

### *Grading System*

Tests, reports, and project work will receive a score comprised between 0 and 100. Grading measures the participant's learning level, both in absolute terms and compared with peer performance. It is based on the participant's participation in all training activities organized as part of the course. The grading system is shown in the following table:

| <b>Numerical score</b> | <b>Definition</b> |
|------------------------|-------------------|
| 85-100                 | Excellent         |
| 70-84                  | Good              |
| 50-69                  | Satisfactory      |
| 40-49                  | Unsatisfactory    |
| 0-39                   | Poor              |

### *Certificate*

At the end of the course, successful participants will be awarded a Certificate of Attendance accompanied by a transcript of records. For a final result higher than (70) 20 credits will be attributed. These credits will be recognized in the case of further participation at CIHEAM Bari courses.