

Advanced Specialised Course in
Sustainable Development of Coastal Communities
May 9 – July 15, 2022

Course program

Module A. INTRODUCTION TO THE BLUE ECONOMY PRINCIPLES

Blue growth in the marine and maritime sectors

- Blue Economy and Blue Growth concept
- Blue Transformation
- Best practice for coastal community economy
- Regional strategies and Action Plans for sustainable fishery and aquaculture in the Mediterranean

Module B. COASTAL COMMUNITY DEVELOPMENT

Coastal community actions

- Smart community concept: sustainability and resilience
- Multidimensional analysis of coastal communities' features
- Team building, stakeholders' identification and involvement in the participatory process
- Introduction to Tricase Porto Community and Port Museum model

Module C. STRATEGIES AND COMMON PLANS FOR COASTAL MANAGEMENT

Sustainable fisheries and aquaculture, and protection of the marine environment

- MPAs and co-management of natural resources
- Promotion of the concept of responsible fisheries and innovative technologies

- Competitiveness in the fishery sector
- Diversification of economic activities - (direct sales, pescaturismo and ittiturismo)

Module D. METHOLOGIES AND TOOLS FOR DESIGNING AND PLANNING DEVELOPMENT ACTIONS IN THE COASTAL AREAS

Building coastal community knowledge and skills

- Project design for development and Project Cycle Management
- CIHEAM Projects presentation
- Introduction of practical exercise for the realization of a Territorial Plan focused on: “Coastal Community” case-study

Module E. TERRITORIAL PLAN AND INTEGRATION OF COASTAL ACTIVITIES

Enhancing of coastal community activities

- Tourism, culture, and coastal community activities and relative interactions - Eco-tourism (natural, cultural and historic itineraries)
- Interaction between rural and coastal activities
- Leader approach and development plan for the coastal territory and community
- Fisheries Local Action Groups and Interaction between rural and coastal systems

Module F. SUSTAINABLE SEAFOOD VALUE CHAIN

Enhancing of Seafood value chain

- Fish Value Chain analysis;
- Certification and eco-labeling
- Fish processing and technology, Cold chain;
- Value addition(Packaging, Fish by products)
- Food loss and waste

- Food security and nutrition
- Traceability and Food safety and quality
- International trade of fisheries and aquaculture products
- Market access for fisheries and aquaculture products

Module G. STRATEGIES AND COMMON PLANS FOR COASTAL MANAGEMENT AND AQUACULTURE PRODUCTION

Planning methodologies

- Introduction to AZA - regulation and Aquaculture zoning
- Management of AZA
- Environmental Impact Assessment (EIA)

Enhancing of aquaculture production

- Promotion of the concept of responsible aquaculture;
- Responsibility in aquaculture management
- Best Aquaculture Practices and emerging activities

Module H. INNOVATIVE APPROACH FOR A SUSTAINABLE COASTAL COMMUNITY

Innovation and resilience of coastal community

- Circular Economy
- Smart coastal villages: green energy, recycling and waste and water resource management
- Marine litter pollution monitoring and management
- Internet for the community, social networking/social media management, digital instruments and marketing action

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:

Numerical score	Definition
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.