

ICZM-MSP

- Coastal zone definition. Categories and characteristics of coastal ecosystems. Importance of coastal zone. Agenda 2030.
- The Greenhouse effect. Weather and climate. Sea level rise. Potential impacts of climate change and sea-level rise on coastal systems. Coastal defense management and planning.
- Ecological and economic services of marine ecosystems. Main problems in coastal zones. Multiple stressors.
- Sustainability spheres. ISZM definition and issues. General concept for ICM. The ICZM process. The integrated approach “horizontal”, “vertical”, “spatial”, “scientific” integration. Examples. ICZM dimensions.
- The ecosystem approach. The ecosystem-based management. Examples.
- Measurable ICZM indicators.
- Problems and challenges at European coasts. Sectors and their pressures on the Mediterranean marine ecosystems. Main trends in the Mediterranean.
- MSP definition.
- EU Marine Strategy Framework Directive. EU Marine Spatial Planning Directive. MSP in the EU. The IOC MSP program.
- Elements of the MSP process. Challenges in moving from planning to implementation. MSP and management process in steps.