



Technical workshop

Mentoring and coaching in the development and use of the EB-ICZM-DSS application

Target area: Kneiss Islands nature reserve

07-11 March 2022

Institut National des Sciences et Technologies de la Mer, INSTM,
Salammbô, 28 'Rue du 2 mars 1934, 2035 - Tunis



MED4EBM project: PROGES-ISP for the implementation of the Ecosystem-Based Integrated Coastal Zone Management (EB-ICZM)

Background

The MED4EBM Project aims at enhancing capacities of various stakeholders and institutional actors involved in the management of coastal and marine areas, and at establishing a cooperation and coordination platform for them to effectively implement Ecosystem-Based Integrated Coastal Zone Management (EB-ICZM). MED4EBM proposes the use of innovative tools in establishing one Ecosystem-Based ICZM Decision Support System (EB-ICZM-DSS) in each of the project's target areas to address the main issues that often limit the effective application of EB-ICZM. This innovative tool developed by PROGES and called Integrated Spatial Planning (PROGES-ISP), is based on specific analytical methods and software, which make EB-ICZM much easier for the professional team, interested parties and institutional decision makers involved. PROGES-ISP involves the use of specific software and a series of methodological, procedural and organizational tools, to plan, implement and monitor the dynamics of Ecosystem Management through a participatory and evidence-based approach supported by objective data. It allows the real-time analysis of a large amount of spatial and tabular data and the redaction of advanced reports, through an interface that facilitates the visualisation and the management of large amounts of data, that they could differ from each other by type, time scale and geographical extension. The methods and procedural and organizational tools proposed, make it possible to manage analytical processes with a multi-stakeholder approach to Integrated Ecosystem Management of coastal areas, through a step-by-step procedures based on deterministic methods, ecological analyses and socio-economic assessments. This approach allows project managers and stakeholders to quantitatively assess the relationships between ecosystem components, functions and services, along with associated human activities.

The technical workshop "Mentoring and coaching in the development and use of the EB-ICZM-DSS application" is executed in the framework of "**Mediterranean Forum For Applied Ecosystem-Based Management, MED4EBM**" project, more specifically, it is part of the activities of WP5 "**Capacity and competence building**" which aims to enhance the capacities and technical skills of Integrated Coastal Zone Management (ICZM) actors. During this technical workshop, the EB-ICZM Technical experts will train and assist the EB-ICZM Local Technical Team in the development and use of the EB-ICZM-DSS application for Kneiss Islands Nature Reserve.

Objectives:

The main objectives of the workshop are to:

- Review the Kneiss islands System-Diagram (component and sub-component and indicators)
- Update the datasets integrated during the MED4EBM project database management workshop organized in early December 2021.
- Integrate the newly collected datasets related to Kneiss Island natural reserve on ISP software database.

Program

Day 1 / 07th March 2022	Review of the system diagram and the data integrated during the database management workshop.
Day 2 / 08th March 2022	Entry and integration of fisheries and agricultural data.
Day 3 / 09th March 2022	Entry and integration of ecosystem and environmental data.
Day 4 / 10th March 2022	Entry and integration of fauna and flora data.
Day 5 / 11th March 2022	Entry and integration other data.

Participants

INSTM (National Institute of Marine Sciences and Technologies)			
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