



GEF ID 9687

Mediterranean Coastal Zones: Climate Resilience, Water Security and Habitat Protection

Child Project 2.1

The Methodology



2.1

Mediterranean Coastal Zones Climate Resilience Water Security and Habitat Protection"

Integrated Coastal Zone Management, the IMF methodology and Management of Coastal aquifers and ecosystems

Integrated Coastal Zone Management ([ICZM](#)) is a process that simultaneously takes into account the fragility of coastal ecosystems and landscapes, the diversity of activities and uses and their interactions and impacts on the marine and land parts. It facilitates the path towards sustainability and resilience of the coastal zone. The ICZM activities developed in the framework of the Project “Mediterranean Coastal Zones: Water Security, Climate Resilience and Habitat Protection (Child Project 2.1 of the MedProgramme) are based on the IMF (Integrated Methodological Framework) methodology. Developed by GWP-Med, PAP/RAC and UNESCO-IHP it is a tool to promote integrated and sustainable management of the ecosystems constituted by the coastal zones, river basins and coastal aquifers.

Moreover, climate change adaptation and resilience efforts are integrated in the process through the support of Plan Bleu/RAC, aiming at enhancing coastal zone management planning by taking into account possible future scenarios of vulnerability and adaptation paths in the coastal area, elaborated together with national and local stakeholders in a participatory fashion, based on the [Climagine](#) foresight methodology.

In this context, the WEFE Nexus approach in Lebanon and Morocco (Tanger-Tetouan-Al Hoceïma region) under “Mediterranean Coastal Zones: Managing the Water-Energy-Food and Ecosystems Nexus” Project (CP 2.2 of the MedProgramme) is carried out in synergy with activities undertaken towards the preparation of an Integrated Coastal Zone Management (ICZM) Strategy and climate change adaptation approaches in ICZM planning under the “Mediterranean Coastal Zones: Water security, Climate Resilience and Habitat Protection” (C.P 2.1 of the MedProgramme).

Coastal aquifers protection and dialogue on conjunctive water management

UNESCO-IHP guides activities aimed at improving the management of water resources in priority coastal aquifers, including through aquifer management plans that promote the conjunctive

management of surface water and groundwater resources, studies of submarine groundwater discharges and protection of coastal habitats, in particular groundwater dependent coastal ecosystems. In its efforts, it engages all related stakeholders who play a key role in identifying conjunctive management solutions. Face-to-face training activities and modules are also designed for key stakeholders who are influenced by and may influence the process.