

Port D'Amour Marina Development, Damour, Lebanon

EDESSA was retained by Caroni for Tourism Development to conduct a qualitative Environmental Impact Assessment (EIA) of a marina development that was part of the Port D'Amour Touristic Development project.

The project comprised a hotel complex with other recreational facilities and encompassed a marina of 4.3ha capable of accommodating 250 boats ranging from 9m to 12m in length and 2m to 3m in width. The design of the proposed marina also included protection works in the form of constructing two jetties extending to the seabed.

Additional design requirements also comprised the extension of the marina about 30m inland, resulting in an excavation of about 10,000m³ of existing pebbly and sandy shoreline deposits.

The objective of carrying out the EIA was to document the current baseline conditions and to identify and evaluate the potential impacts or effects of the said project on the physical-chemical, biological, cultural, and socio-economic components of the environment.

The primary purpose of the EIA process was to encourage the consideration of the environment in planning and decision-making and to ultimately arrive at actions, which are more environmentally compatible.

As part of the EIA, a diving survey involving the extraction of samples from the sea bottom was conducted by EDESSA to investigate the physical characteristics of the seabed.

