

Coral survey Scuba Lodge, Pietermaai.

Curaçao, 2018

Client info:



SCUBA LODGE
BOUTIQUE HOTEL • OCEAN SUITES

Name: Scuba Lodge

Sector: Tourism / Hospitality

Location: Curaçao

Scuba Lodge is a boutique hotel located in the Pietermaai District of Curaçao.



Rationale: Scuba Lodge wishes to reinforce 90 meters of coastline next to their premises to protect their buildings against waves. In order to alter the coastline Scuba Lodge requires several permits from the Government of Curaçao. One of the permit application requirements is that a coral survey be done.

Approach: A coral survey was performed in the area selected for coastal reinforcement and a buffer zone surrounding this area. The aim of the project was to determine the coral cover in different areas (footprint, buffer zone, wider area) and give options for mitigation of damage to corals during the construction.

Using the transect and quadrant method a qualitative and quantitative analysis was done of the corals present. Endangered and vulnerable coral species (IUCN Red List, SPAW protocol, Annex II) were also inventoried.

Outcome: A report was submitted to Scuba Lodge to be included in their permit application to the Government of Curaçao.