

## ASSOCIATION POUR LE DÉVELOPPEMENT DURABLE (ADD)

**ADD/CF Sandwatch programme in collaboration with Ministry of Education and Human Resources, Tertiary Education and Scientific Research**

**Implementation by France Boyer de la Giroday SSS**

### **Brief on the first training session at Blue Bay**

**Venue:** Blue Bay public beach

**Date:** 25 March 2019

**Time:** 10h00

#### **1. Objective**

The objective was to conduct a first field monitoring at Blue Bay along 650 m of the shoreline, following the decision to shift Sandwatch from La Cambuse (initially identified) to Blue Bay.



#### **2. Participants**

Participants included 12 students from Grade 12 and 16 from Grade 10, 4 Educators and 3 ADD members. They were divided into 3 groups with four Grade 12 students in each group under the supervision an Educator. One group focused on weather, waves and long shore current; another group on General description of the beach, beach composition, plants and animals and Human activities; and the last group on Erosion and Accretion and Beach debris.

## Monitoring processes

A briefing was first provided to the students and educators on the approach and activities to be carried out. Datasheets to be completed on the different components were distributed. Three reference objects were selected as the starting points to draw transect lines for in-depth data and information collection.



### 2.1 First Reference object

The first reference object is the left vertical wall of the kiosk, located to the south of the public beach, when facing the sea. Beach width from the corner of the wall to the High Water Mark (HWM) was measured with a meter as well as the length from the object to the seaward end of the grass area. The number of the different debris such as plastic, cigarette tubs, plastic bottles, 2 m on either side of the transect line was counted and noted on the datasheet provided, to be entered later in the International Database.

### 2.2 Second reference object

The second reference object is a vertical wall located at the end of a beach access located around the middle of the study area. The above exercise was repeated.



High water Mark

### **2.3 Third reference object**

This is a low inclined wall on one side of a pathway to the beach situated to extreme north of the study area. The above exercise was repeated.



### **3. Other measurement and information gathering**

The tourists were particularly very responsive to queries from one group (human activities) on questions such as “Why you have chosen Blue Bay for your vacation” and “How do you find the state of the beach and lagoon”. Most of them were not very happy about the beach cleanliness and lagoon health. Empty beer cans and empty plastic water bottles were left scattered everywhere. The insouciance of the beach users was pointed out.

All data and information collected by the different groups were carefully entered in datasheets. It is noted that beach profile was not carried out. This would be done when the appropriated device become available.

### **4. Ongoing and next activities**

Students have already started entering data and information. They were provided with guidance and direction when they encountered difficulties. A second field exercise is planned for 1 April to consolidate observations and measurements.