

OBIS-MBON: A DMAC Initiative

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Performance Period: June 1, 2019 – November 30, 2019

LONG-TERM GOALS

CARICOOS, in its role as steward of ocean observations in the US-Caribbean-EEZ, has engaged its DMAC Subsystem towards the management of biological datasets from our region. We have taken the first steps towards what on a long-term basis will be an operational component of the CARICOOS DMAC Subsystem. Our long-term goals are to process and manage those biological datasets of interest to our stakeholders and provide regional expertise in regards to OBIS (Ocean Biogeographic Information System), MBON (Marine Biodiversity Observation Network) and derived applications.

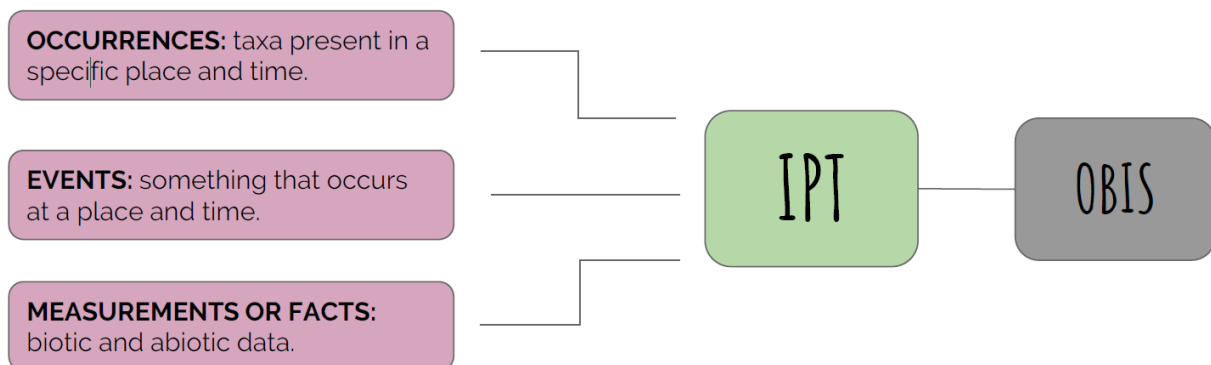
MILESTONES / OBJECTIVES

This DMAC initiative directly addresses the corresponding DMAC milestone in the 2019_2020_MILESTONES.pdf document. During this performance period we have made substantial progress in the acquisition, analysis and processing of the Department of Natural and Environmental Resources Long Term Coral Reef Monitoring Program database (DNER-PRCRMP)

In addition to Esteves and Capella this effort has benefited greatly from the work of Mr. José Santiago (CARICOOS summer intern and currently a Work Study program participant) and Mr. Miguel Figuerola (DNER). While Figuerola is the curator of the PRCRMP database, Jose is our lead programmer in this project

WORK COMPLETED and Status of Milestone

The chain of events to be completed is illustrated as follows



Once the data files have been submitted to OBIS following Darwin Core standards they are ready to be ingested by MBON.

During the Performance Period the following tasks were completed:

1. Assemble the technical team: Esteves, Capella and Santiago from CARICOOS, and Figuerola from the DNER. Study OBIS documentation.
2. Acquire the PRCRMP database from DNER
3. Under the guidance of Gabrielle Canonico (IOOS) and Abbigail Benson (OBIS-USGS) we have created the Events file for the PRCRMP data set.
4. We are addressing final comments on the Events file while taking initial steps towards the creation of the Measurements file.

MAJOR OUTCOMES

We have finally started our incursion into biological data. After a steep learning curve we are finally making progress.

RELATED PROJECTS

None.

WORK PLAN FOR UPCOMING PERFORMANCE PERIOD (December 1, 2019 – May 31, 2020)

We plan to focus on completing the Events, Occurrences and Measurements files and their upload to OBIS

PUBLICATIONS & PRODUCTS

None.