



INDIAN OCEAN
COMMISSION



Coral Reef Information System

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Funded by



Objectives

To Develop:

- Online Database with offline functionality
- Mapping capabilities
- Webpage



Objectives

Compatibility:

- Current monitoring protocols in WIO
(Comoros, France- Reunion, Madagascar, Mauritius, Seychelles, and Zanzibar)
- Current MAIN coral reef monitoring protocols world wide
- GIS systems



Objectives

What it isn't:

- NOT currently intended to replace all data repositories



Objectives

What it COULD be:

- Central hub for majority of databases
- House many smaller database
- Tool for public dissemination of information
- Educational tool



Challenges

Technical

- Connectivity
- Compatibility with Operating Systems
- Platform
- Functionality



Challenges

Monitoring

- Variation of monitoring protocols
- Number of protocols
- Practicality of use



Technical Specs

- PostgreSQL database
- PostGIS geometries
- GeoServer
- HTML5
- PHP
- Javascript





to the Coral Reef Information System

This online database and mapping tool allows you to enter data for coral reef monitoring protocols from all over the world. It gives you access to view summary results, maps and to run analysis tools over world wide datasets.

To access the available features please enter your login details below.

Username:

Password:

Submit 

[Forgotten password](#)

If you are a new user

Click [HERE](#) to create a new user Account





OTB Spatial

Coral Reef Information System

User mkaminski@otbspacial.com

Home

Data Entry

Mapping

Analysis

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My Profile

Training

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Log Out

Choose the required data sheet



[Site Description](#)



[Fish and Invertebrates](#)



[Benthos](#)



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User mkaminski@otbspacial.com

Site Name:

Basic Information

Country: State/Province:
City/Town:

Date: Time: Start: End:

Latitude:

Longitude:

Orientation: N-S E-W NE-SW SE-NW

Temperature:

Air: C Surface: C at 3m: C
at 10m: C

Distance of Startpoint from shore: m Distance from nearest river: m

River mouth width: <10m 11-50m 51-100m 101-500m

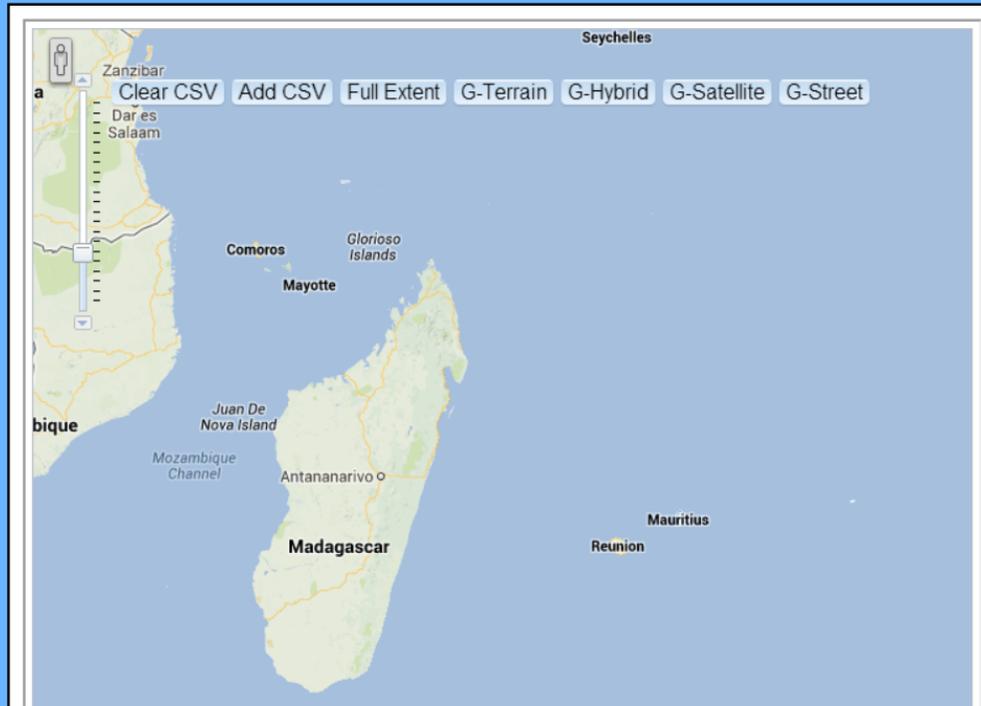




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Hosting



Future????

Proudly sponsored by

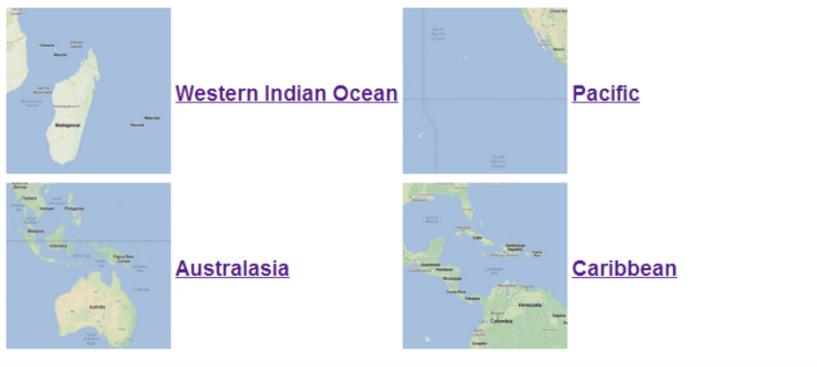


Global Ecosystem Monitoring

Coral Reef Mangrove Mangrove Seagrass Beach Saltmarsh Rock Platform

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Coral Reefs are one of the most unique and iconic ecosystems on earth. They are researched and monitored the world over



Western Indian Ocean Pacific
Australasia Caribbean