

## Plan Overview

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*A Data Management Plan created using DMPTool-Stage*

**Title:** Survey of Coastal Anthropogenic Stressors on Moorea

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**Template:** Tetiaroa Field Station

### **Project abstract:**

Survey of coastal anthropogenic stressors by assessing armory, substratum, number of boats and fishing activity, and sewage/gutter runoff. This data allows for an examination of how each human activity affects each other and the surrounding ecological system.

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## Survey of Coastal Anthropogenic Stressors on Moorea

Data will be collected by surveying the armory on foot. We collected the data by walking from one point on the island to the next in groups of 4. Each person was responsible for observing and collecting data for each of the specific anthropogenic stressors: coastal armoring, water runoff, boat activity, and substrate material. Substratum was observed every 5 minutes, the other stressors were recorded throughout the entire survey.

- No
- Yes
- No

This research can be used to do more surveys in later years to compare the data and see how anthropogenic stressors have changed and affected the landscape over time. Comparing yearly surveys with each other will allow for a broader scope in which we can observe the human impacts on Moorea's marine ecosystem.

There may be difficulties in how this data is observed through mapping and graphs as there is still no standardized method of how we want to view the collected data. We can create a standardized method to remedy this.

The documentation accompanying the data will come in the form of GAIA mapping with data points and pictures of the coastal armory assessed.

There are no copyright issues for our data.

N/A

- No

N/A

The data will be open to the public.

Jean Wincelius will manage the data.

All of the data is of long-term value because it can be compared against future data inputs.

The data will be updated in upcoming years by future students of the UC Berkeley ISP program.

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