

Plan Overview

A Data Management Plan created using DMPTool

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.

Start date: 03-09-2022

End date: 03-10-2022

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Copyright information:

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Survey of Coastal Anthropogenic Stressors on Moorea

Methodology

How will data be collected or produced?

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.

Access, Data Sharing and Reuse

Will you require an embargo period prior to making your prepublication data available? If requested, an embargo period may be granted for up to [1 year] after the end date of the Project as specified in its Data Management Plan.

- No

Do you agree to share all prepublication data contributed to the Tetiaroa Data Trust under the CC-0 license?

- Yes

Will your project include the collection of material samples? For example, archeological, geochemical (geosamples), and biological (biosamples) materials.

- No

What are the further intended and/or foreseeable research uses for the completed dataset(s)?

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.

State any expected difficulties in data sharing, along with causes and possible measures to

overcome these difficulties.

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.

Documentation and Metadata

What documentation and metadata will accompany the data?

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

Ethics and Intellectual Property

**How will you manage copyright and Intellectual Property Rights (IP/IPR) issues?
Demonstrate that you have sought advice on and addressed all copyright and rights management issues that apply to the resource.**

There are no copyright issues for our data.

How will you handle sensitive data. Make explicit mention of consent, confidentiality, anonymization and other ethical considerations, where appropriate.

N/A

Are any restrictions on data sharing required – for example to safeguard research participants or to gain appropriate intellectual property protection?

- No

Short-Term Storage, Security, and Data Management

Describe the planned quality assurance and back-up procedures, including security/storage and any use of encryption.

N/A

How will you manage access and security?

The data will be open to the public.

Specify the responsibilities for data management and curation within research teams participating in your project at all participating institutions.

Jean Wincelius will manage the data.

Selection and Preservation

Which data are of long-term value and should be retained, shared, and/or preserved?

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

What is the long-term preservation plan for the dataset?

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