Plan Overview

A Data Management Plan created using DMP Tool

DMP ID: https://doi.org/10.48321/D18D2B

Title: Impact of Tourist Interaction with Stingrays

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Template: Digital Curation Centre

Project abstract:

This study will look at the impact of human physical interaction have on rays, specifically stingrays in Mo'orea French polynesia. There are several shark and ray sites where the animals are fed to attract them to the area. Tourists will typically touch these animals for fun but it can be incredibly damaging to the ray's protective mucus. This project aims to tackle this lack of knowledge about protective layers on their skin and how we can work to ensure tourists know about it and avoid touching stingrays in general.

Start date: 04-11-2023

End date: 05-16-2023

Last modified: 07-08-2024

Copyright information:

Impact of Tourist Interaction with Stingrays

Data Collection

What data will you collect or create?

I will collect data points on how many stingrays there are at each site, which ones are observed through camera footage being touched and how many are not touched, how many times they are touched and the vitals of all stingrays. Then measure all of this same information after implementing a tourist education protocol where they are informed on how to properly interact with wild animals.

How will the data be collected or created?

The data will be collected by going out in the field and observing, observing through video evidence, and the vitals will be collected through a series of medical machines.

Documentation and Metadata

What documentation and metadata will accompany the data?

Will need all information on how to set up medical machines to take animals vitals, the locations of each feeding site, the type of camera used to make underwater observations, etc.

Ethics and Legal Compliance

How will you manage any ethical issues?

In order to closely look at the effect of human contact on stingray's protective mucus, I will collected a couple stingrays from the sites and bring them into a lab where I will check the effects of the interactions on their health and longevity of life as well as their overall vitals. I will manage this by putting them in a suitable environment and ensuring they are in good health.

How will you manage copyright and Intellectual Property Rights (IP/IPR) issues?

By not building my ideas off of other projects and doing research to ensure someone hasn't already done this

Storage and Backup

How will the data be stored and backed up during the research?

The data will be stored in a data sharing app called EpiCollect5 and Gaia will be used to map the locations of the feeding sites. All of the data will also be input into spreadsheets and graphs to be organized easier.

How will you manage access and security?

There will be a specific log-in solely for people working on this project.

Selection and Preservation

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

The long term value of this data that should be retained is primarily the vitals of these observed rays as well as the locations they were found in. I also think it is important to keep a brief description of why the data was taken and why it's important so it can continue to spread.

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

The dataset will be stored in a shared file that can be accessed by the people working on the project, and once it is over they can receive access by coming in and requesting permission. Otherwise the data can also be seen by the public, just not altered.

Data Sharing

How will you share the data?

I will share the data by discussing the data found on my website and giving access to people who want to look at the data and understand it or even redo the experiment on their own.

Are any restrictions on data sharing required?

No, there will be a copyright on the data so people cannot steal the information it will more so be used as a point of reference for people who want to recreate the experiment.

Responsibilities and Resources

Who will be responsible for data management?

The person who was the head of the project will be responsible for data management since they hold the data primarily.

What resources will you require to deliver your plan?

The abstract of the project, the vitals and general data, and a map of all the data points.