

Plan Overview

A Data Management Plan created using DMP Tool

Title: Tahitian Ethnomedical Knowledge Survey

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Funder: Gump South Pacific Research Station (moorea.berkeley.edu)

Template: Digital Curation Centre

Project abstract:

This project aims to create an introductory guide of traditional Tahitian medicinal plants & healing techniques with knowledge directly sourced from interviews with local community members and experts. The content will be presented through an intersectional, overarching lens curated for a younger/less experienced audience with the intention of introducing future generations or unfamiliar members to a brief yet comprehensive education in medicinal plant knowledge. By merging a modern scientific understanding of the body with the quantifiable impacts of Tahitian healing in an accessible manner, this project hopes to bring attention to the importance of direct community involvement in research and create a lasting impact on the study of anthropological medicine.

Start date: 01-01-2024

End date: 01-02-2025

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Copyright information:

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Tahitian Ethnomedical Knowledge Survey

Data Collection

What data will you collect or create?

The data I will collect will be physical notes, centering around personal information of my interviewee, such as their cultural background and experience living on Mo'orea, popular methods of plant healing they have used, and their experience with the biomedical healthcare industry. The specific data I will be focusing on hinges around what traditional healing methods participants recommend and the purposes they choose to use these treatments.

How will the data be collected or created?

The data will be created by listening to the verbal information shared during interviews, and collected through written notes. These will be reviewed post-interview by additionally created audio recordings of the interview for clarity and accuracy. Each data set will be organized by participant, with each interviewee separated into their own category and their topics of discussion outlined clearly.

Documentation and Metadata

What documentation and metadata will accompany the data?

The final result of this project, a tangible informative pamphlet accessible to many backgrounds and languages, will aid greatly in the interpretation of this data in the future. In addition, the recorded interview audios will be made available to the public in an online resource if consent is given by all involved parties. Researchers hope that once the project is published and distributed, that further community efforts will be made in order to teach the content such as school education content or public gatherings prioritizing learning and open discussion. Protocol.io has also been created in order to guide researchers who wish to conduct similar experiments.

Ethics and Legal Compliance

How will you manage any ethical issues?

I will gain direct verbal and written consent and permission from all involved participants of the study, as well as being extremely clear in communicating the the modes of data collection, analysis, and ending results of the project to my interviewees. I will exercise respect and awareness of my surroundings at all times while in Mo'orea, and prioritize cultural immersion during my research as opposed to exclusively conducting scientific study.

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

The Intellectual Property Rights and copyright of this data will be given to both researchers and interviewees, as all parties will be given equal opportunity for contribution during the writing process. In addition, the data shared will be under the copyright of the publishing group that is chosen to create the pamphlet, leading to a restriction on reuse of content similar to a published book/journal. It is important to note, however, that this content will be freely available to the public in both online and physical medium.

Storage and Backup

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

After initial transcription from field notebook to digital medium, the data will be stored and backed up on a secure Drive folder, which has been checked to ensure enough storage and backup options are available. There will be copies

made on each researcher's computer, with at least 5 available, and Google Drive has automatic saving and backup software.

How will you manage access and security?

Only authorized researchers involved with the project will have access to initial data, and security will be achieved by ensuring that only collaborators will have share access to the Drive used. The datasets will be analyzed, cleaned, etc using exclusively private documents until it is published and released to the public.

Selection and Preservation

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

The digitized interview notes, which have been cleaned and condensed to a comprehensive list during this project, are definitely worth preserving in the long-run, as well as the audio recordings produced during initial interviews. The surrounding knowledge produced by the community, as well as the conversations that it prompts (a form of metadata, arguably). Researchers will decide which data to keep after the project's conclusion depending on the quality of the data and its use to the community.

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

The dataset will be preserved in the long-term via the project's Google Drive, which is a reliable source of preservation due to its ability to be exported both directly to a computer hard drive and accessed via a cloud in any location. If any foreseeable problems arise with this medium, data copies will be exported onto a physical hard drive as a back up plan.

Data Sharing

How will you share the data?

I will share cleaned data, primarily the audio recordings, directly via an online medium decided by the community based on factors such as ease of access and cost. The majority of our data will be communicated via the informative guide created as a result of our research. It will include the data gained from the verbal interviews and our preliminary research on medical information behind herbal treatments.

Are any restrictions on data sharing required?

Due to the nature of this specific project, there are no harsh restrictions on data sharing and free distribution of the informative guide is encouraged. Due to general publishing rules, there will be one data sharing agreement required, which is that direct replication of contents produced during the study *without credit* are not allowed due to copyright restrictions.

Responsibilities and Resources

Who will be responsible for data management?

The principal investigator will be responsible for primary data management, and assisting researchers and editors of the final guide will ensure that it is reviewed and revised accurately. These assisting individuals will also provide feedback on if the data was conveyed into the informative guide in the best way possible.

What resources will you require to deliver your plan?

I will require access to technological resources, including a laptop and internet connection, as well as field notebooks and a means of audio/visual recording in the field. In addition, I will require access to botanical, medical, and cultural experts in their respective fields in order to properly execute this plan. Charges should not be applied to data repositories, and the largest expense during this project will be traveling fees and the time spent by researchers and community (which will be well worth it!).

Planned Research Outputs

Interactive resource - "Informative Journal Guide"

The intended outcome of this project is an informative guide that contains botanical, cultural, and medical information about Tahiti's traditional medicine practices and the surrounding purposes behind them. The data will be communicated in a creative, approachable manner to appeal to a vast variety of audiences and will contain written, visual, and quantitative (in the possible case of medical statistics) content.

Audiovisual - "Audio Recordings of Interviews"

Online website resource of recordings of consenting interviewers, available to the public and presented alongside the informative guide as a supplemental resource.

Planned research output details

Title	Type	Anticipated release date	Initial access level	Intended repository(ies)	Anticipated file size	License	Metadata standard(s)	May contain sensitive data?	May contain PII?
Informative Journal Guide	Interactive resource	2026-01-01	Open	None specified		Creative Commons Attribution 4.0 International	None specified	No	No
Audio Recordings of Interviews	Audiovisual	2026-01-01	Open	None specified		Creative Commons Attribution 4.0 International	None specified	No	No