Plan Overview

A Data Management Plan created using DMPTool

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Title: How does the development of mountain-based ecotourism impact the local community and interior ecosystem?

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Template: Digital Curation Centre

Project abstract:

The mountains and valleys amongst French Polynesia have historically held a sacred role in polynesian culture and society, however the (eco) tourism industry primarily generates its income from marine and coastal-based ecosystems. The goal of this research project is to develop a mountain-based ecotourism attraction on the island of Moorea and evaluate the impacts from this development on the local communities and economy. As mountain-based attractions such as mountain biking, rock climbing, ziplining, and hiking continue to gain popularity amongst eager to travel thrill seekers around the world, Moorea, with its vast mountains, dense rainforests, grand valleys, rushing waterfalls, and exhilarating ridgelines, makes it a strong contender for attracting and bringing in foreign investments through ecotourism, that will ultimately go back to supporting local communities.

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End date: 10-01-2024

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Copyright information:

How does the development of mountain-based ecotourism impact the local community and interior ecosystem?

creating an eco bike park to see the impact on local communities and interior, mountain-based ecosystems

collecting community questionnaires and surveys from the local communities and youth to use comparative analysis from before and after project implementation

collecting field samples from the eco bike park sample and a undeveloped sample, counting biodiversity of species within the samples and comparing the health or impacts of an eco bike park development on the interior, mountain-based ecoysystems

6Data Collection and Analysis for the impact on the local community.

6.1Give out a well-being questionnaire and survey to the local community both at the start and end of the project. April 1 to September 1.

6.2Use the results from 6.1 to conduct a basic cross comparison, measuring differences in responses amongst the local community and youth, in an effort to see how the development of a mountain-based eco bike park impacts local communities.

7Data Collection and Analysis for the impact on the interior or mountain-based ecosystems.

7.1Once the development portion of the project has been completed, using biodiversity as a parameter for a healthy ecosystem, conduct a study on the biodiversity of the eco park versus a "untouched" sample similar in size.

7.2In 3 randomly designated 10 meter diameter samples spread out amongst the eco park, as well as a nearby, undeveloped, piece of land, count the number of species found within

7.3Using the findings from 7.2, perform a cross analysis of the two samples, in an aim to see how the development of an eco bike park impacts the interior and mountain-based ecosystems.

survey participant agreement forms, participants can opt out of the study

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