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## Traditional Fishing Knowledge and Fishing Policy Analysis

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**We use this protocol and it's working**

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## Abstract

Examine how traditional fishing knowledge is not being passed down to the new generations of fishermen in Mo'orea, French Polynesia, thus causing fishing policy to be simplified. Additionally, examine the effects that simplified policy has on fish populations and if it further perpetuates the loss of traditional fishing knowledge. We expect to observe a reduction in fish populations after the implementation of simpler fishing policies, and that such policy, along with modern fishing techniques, are leading to increased loss of traditional fishing knowledge.

## Before start

Consent is key, do not pry for information or persistently ask questions if the interviewee is hesitant or uncomfortable!

## Examining The Loss of Traditional Fishing Knowledge

- 1 Identify groups of local fishermen, both with traditional knowledge and new-generation fishermen
- 2 Build trust and establish a relationship with the fishermen by working and interacting with them consistently
- 3 Conduct interviews with fishermen
  - 3.1 Ask about traditional knowledge, what knowledge they possess, how it is passed down, and why it is dying out.
  - 3.2 Ask about modern fishing policy: is it helpful? Do they agree with the management strategies? What changes would they like to see?
- 4 Transcribe and document interview answers

## Examining The Impact on Fish Populations

- 5 Gather existing information about fish populations around Mo'orea from published datasets
- 6 Cross-reference fish population data with historical fishing policy and marine management changes
- 7 Note key changes and determine if there was a significant impact on fish populations during that time