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We use this protocol and it's working

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## Climate Resiliency Architecture in Mo'orea

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### ABSTRACT

This project aims to measure the resilience to climate of traditional building techniques using place-based materials in Mo'orea. By working with the community, we hope to produce several culturally-relevant structures along the coast that can then be monitored over the course of a decade.

### IMAGE ATTRIBUTION

Kai Bloom

<https://www.kabloomphotography.com/>

### BEFORE START INSTRUCTIONS

This proposed protocol is a set of guidelines aiming to center the community in active decision-making and creation. If any of these guidelines make any community member uncomfortable in any way, they must be reevaluated and reworked.

## Promoting Project and Community Awareness

- 1 Create flyers and social media posts informing public of project several months before desired start of project.

- 1.1 Directly inform youth, potentially deliver promotion at local schools

- 1.2 Contact local architecture firms and construction companies willing to partner with the community

## Community Workshops

- 2 Workshop 1: Identify Culturally Appropriate Materials

Informal circle format in which community members are encouraged to share their knowledge

A designated community member is the 'scribe' and documents the meeting content

- 2.1 Workshop 2: Identify Different Building Techniques

Informal circle format in which community members are encouraged to share their knowledge

A designated community member is the 'scribe' and documents the meeting content

- 2.2 Workshop 3: Design Process

In this workshop, community members are encouraged to bring in their initial conceptual designs based on the previous two gatherings. The circle will discuss the designs and give feedback.

- 2.3 Workshop 4: Design Process

Community members bring back edited designs in response to previous feedback and circle continues to refine design.

- 2.4 Workshop 5: Design Process

Community members bring back edited designs in response to previous feedback and circle continues to refine design. As designs begin to take shape, designers are encouraged to think of location of structures.

## 2.5 Workshop 6: Design Process

Community members bring back edited designs in response to previous feedback and circle continues to refine design. Designers visit potential locations and consider function of structure.

## 2.6 Workshop 7: Design Process

Community members bring back edited designs in response to previous feedback and circle continues to refine design.

## 2.7 Workshop 8: Design Process

Finalize design and agree on the location and design of each site

## Construction

### 3 Aquire permits to build on selected sites

#### 3.1 Submit final designs to construction company and get it approved by local government

#### 3.2 Construct sites according to community direction

## Evaluation

### 4 Following construction, monthly checks conducted by three project members each evaluate the following categories and submit their data to a public website displaying and documenting the project

**4.1** Response to Climate

On a scale from 1 to 10, how is the structure holding up? Is it rusting? Is the plant material disintegrating?

**4.2** Functional

On a scale from 1 to 10, how effectively is the structure serving its intended purpose? Is the community actually using it? For what? How often?

**4.3** Maintenance

On a scale from 1 to 10, how often does this structure need repair? How often do certain materials need to be replaced?