

# MOLOKAI COASTAL HOMESTEAD COMMUNITY RESILIENCE PLAN

# Sust'āinable Molokai

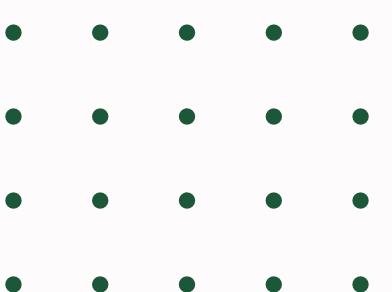
## G70

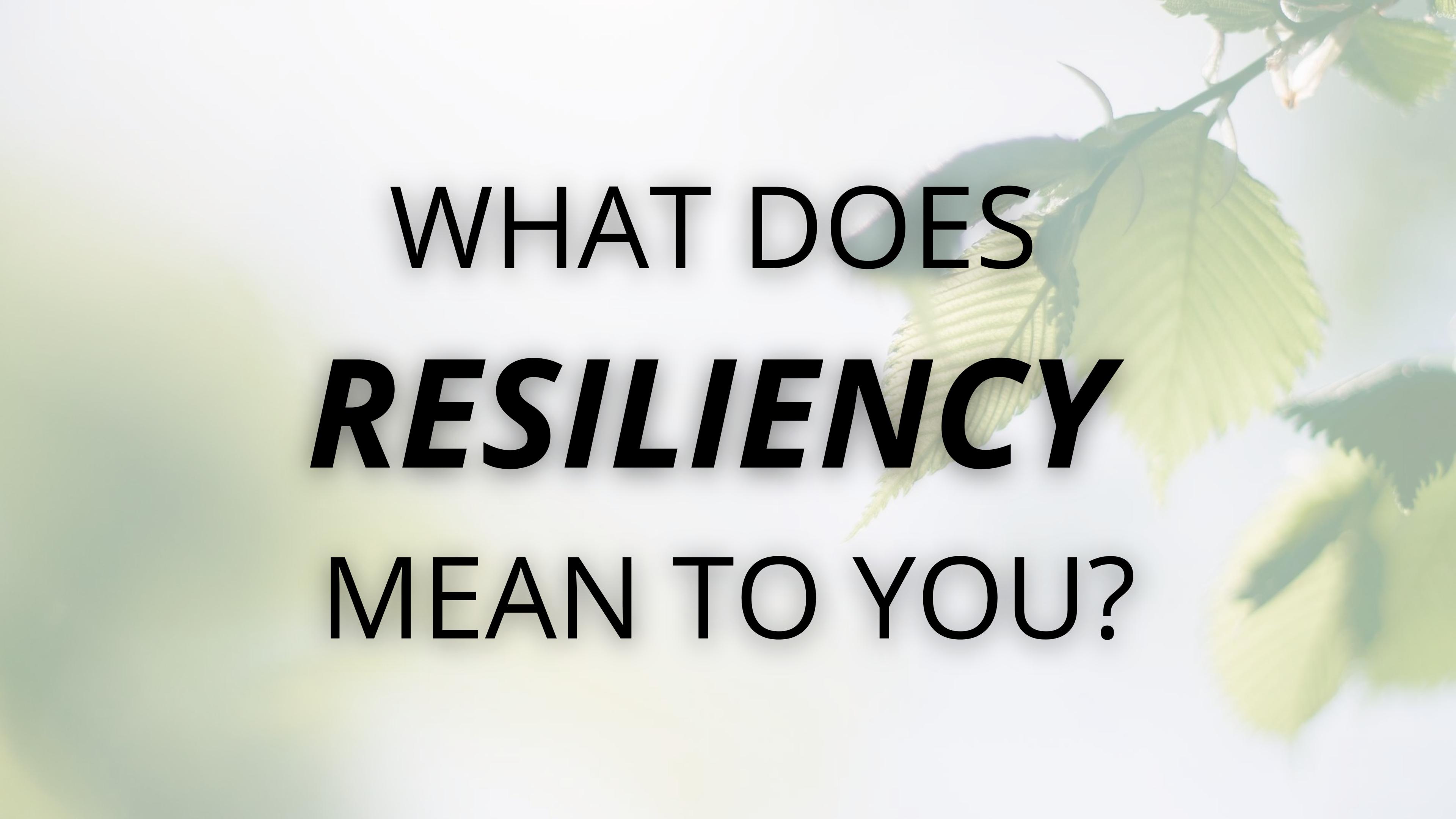
### State of Hawai'i - DHHL

#### Beneficiary Meeting #1

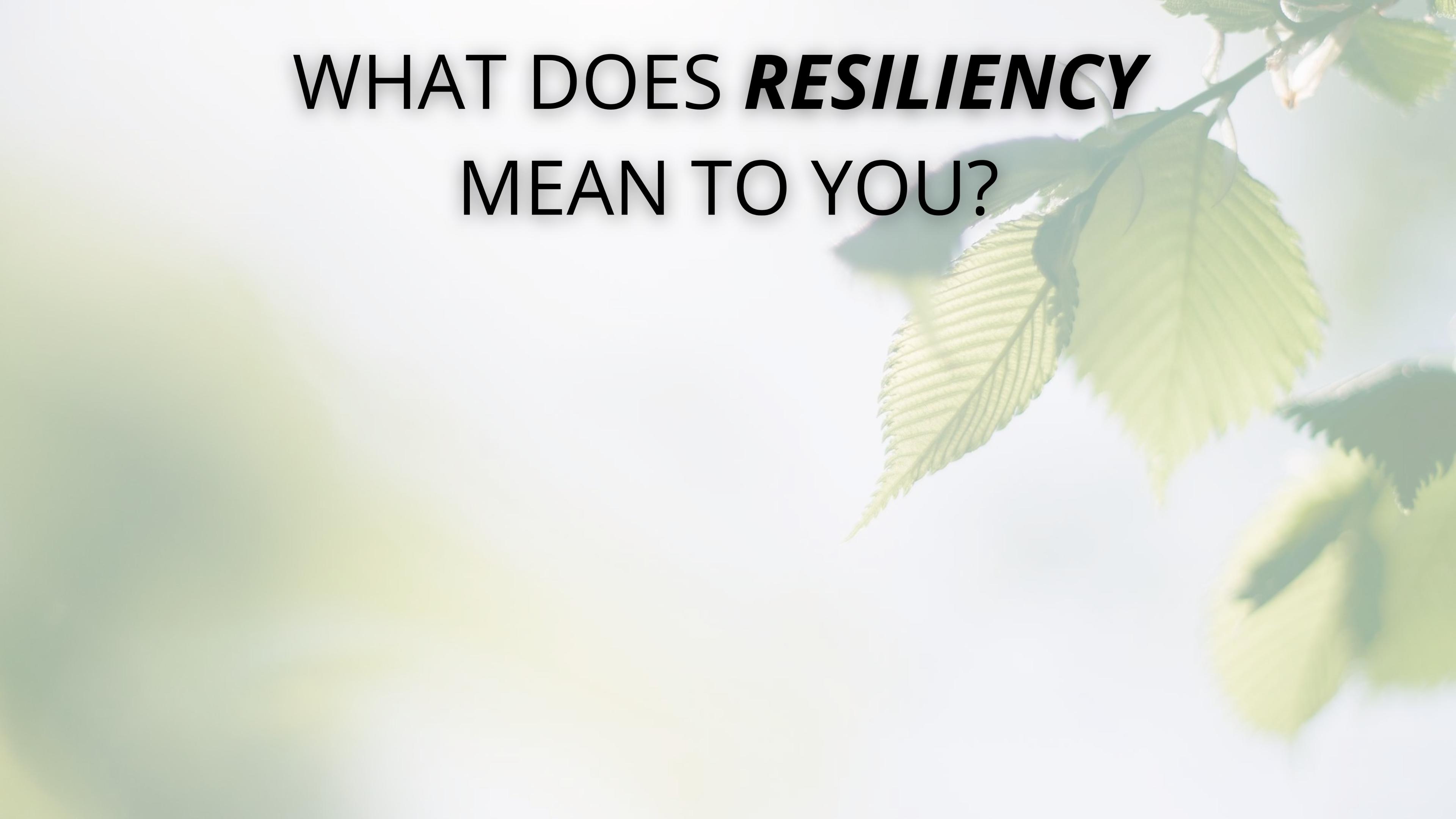
#### Intro to Plan & Process

#### May 13, 2024

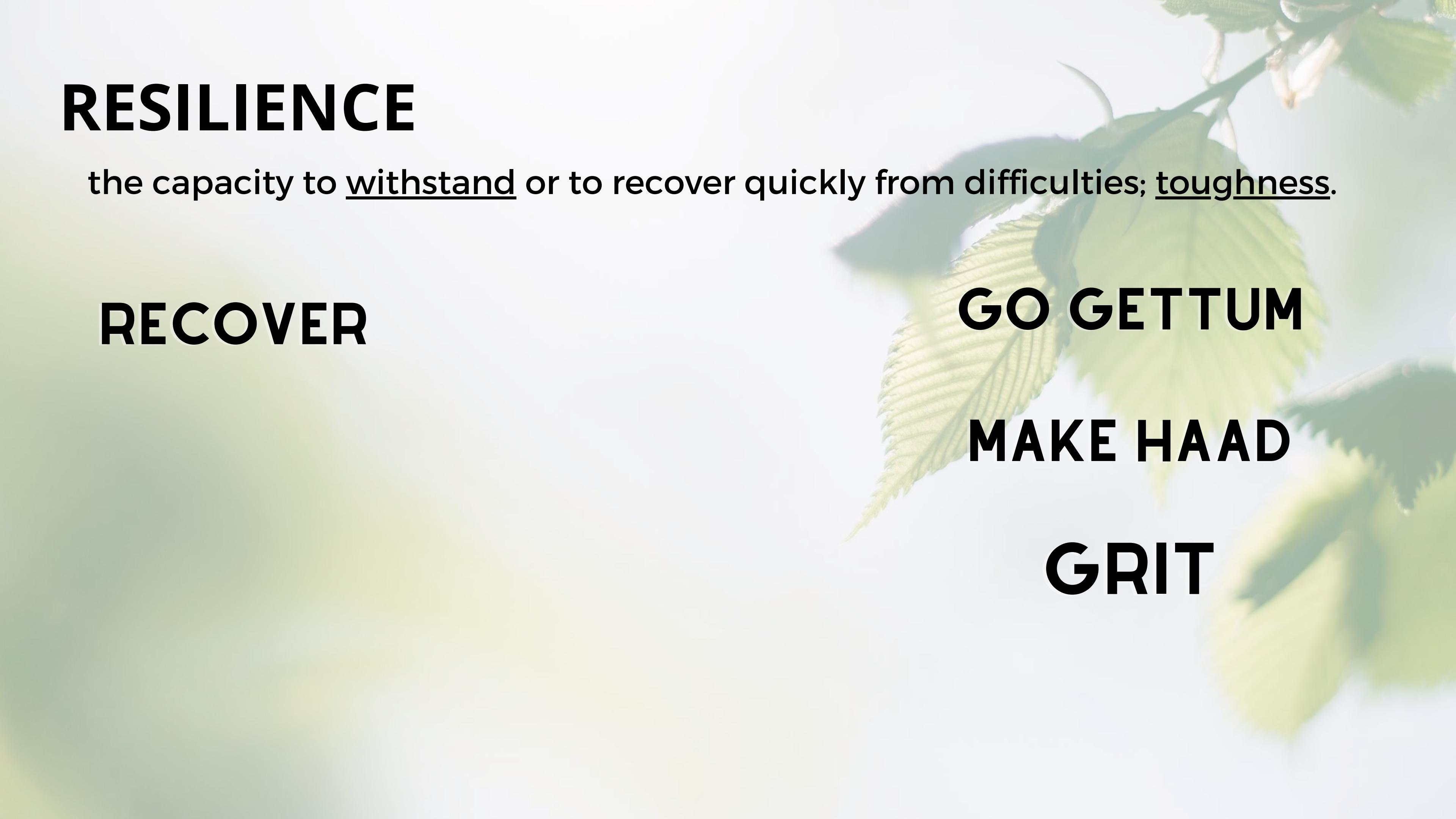




WHAT DOES  
*RESILIENCY*  
MEAN TO YOU?



**WHAT DOES *RESILIENCY*  
MEAN TO YOU?**



# **RESILIENCE**

the capacity to withstand or to recover quickly from difficulties; toughness.

## **RECOVER**

## **GO GETTUM**

## **MAKE HAAD**

## **GRIT**

# MOLOKAI SM-SEMP (2018 to 2022)

- Community-based Shoreline Erosion Management Plan
- Identify effective management strategies
- Educate community on causes & appropriate management responses



# OTHER ONGOING RELATED PLANS

## DHHL Plans and Initiatives - Molokai

- (2005) Molokai Island Plan
- (2019) Molokai Regional Plan
- (2022) SM-SEMP
- (2023) Malama Cultural Park - Special Area Plan
- DHHL Cesspool Assessments
- DHHL South Molokai Drainage Study



## Island-Specific Plans & Assessments

- Molokai Water Use Development Plan (currently being updated)
- Molokai Clean Energy Resiliency Action Plan
- Molokai Wetland Partnership:
- (2023) USGS: A Prioritization Plan for Coastal Wetland Restoration on Molokai & Wetland Restoration for a Resilient Community & Thriving Waterbirds in Moloka'i

## County of Maui Plans

- (2021) COM Wastewater Infrastructure Inundation Study-MKK: KWRF
- (2021) Beach Parks Vulnerability and Adaptation Study-MKK sites
- (2023) COM Climate Action & Resiliency Plan (CARP)
- (2024) Molokai Climate Change and Sea-Level Rise Adaptation and Resiliency Plan (CCSLAR)





# FUNDING

This project is funded through the National Fish and Wildlife Foundation (NFWF) National Coastal Resilience Fund (NCRF).

This stage funds a...**Resiliency Plan with nature-based solutions that provide Community Resilience and Fish and Wildlife benefits.**

On completion of the MCH-CRP, DHHL could apply for more funding for future phases.



# OUR TEAM



Nancy  
McPherson

DHHL  
Climate Change  
and Resilience  
Project Planner



Barbara Natale  
Cody Winchester  
Kawika McKeague

G70  
Primary Project  
Consultant &  
Plan Writer



Katy Mokuau  
Heather Place

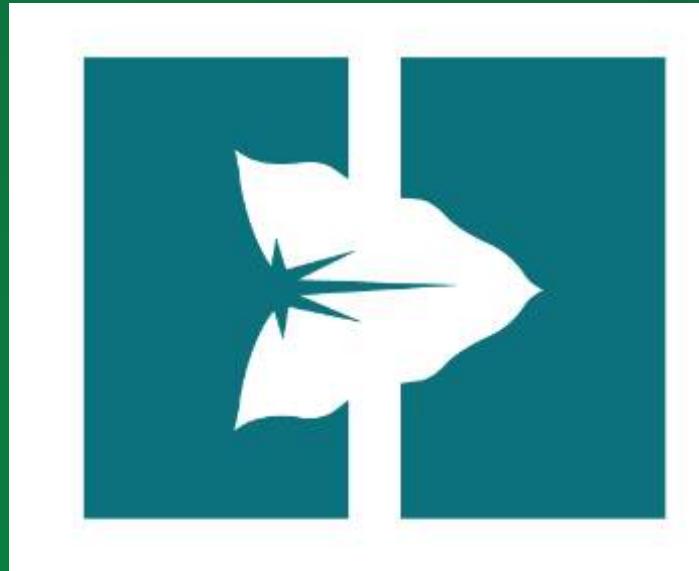
Community  
Outreach  
Consultant

Coastal Planners,  
LLC

Thorne Abbott

Technical  
Advisor

# What is your role in MCH-CRP?



Nancy  
McPherson

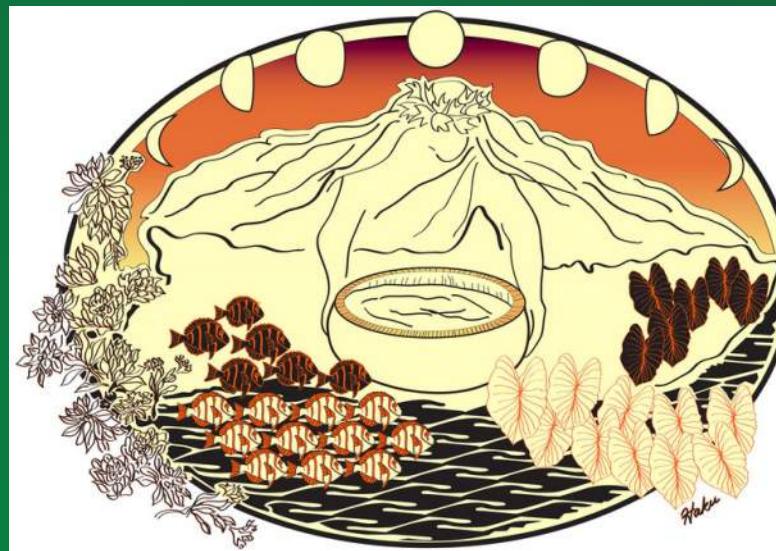
DHHL  
Climate Change  
and Resilience  
Project Planner



Barbara Natale  
Cody Winchester  
Kawika McKeague

G70  
Primary Project Consultant & Plan  
Writer

# What is your role in MCH-CRP?



Katy Mokuau  
Heather Place

Community  
Outreach  
Consultant

Coastal Planners,  
LLC

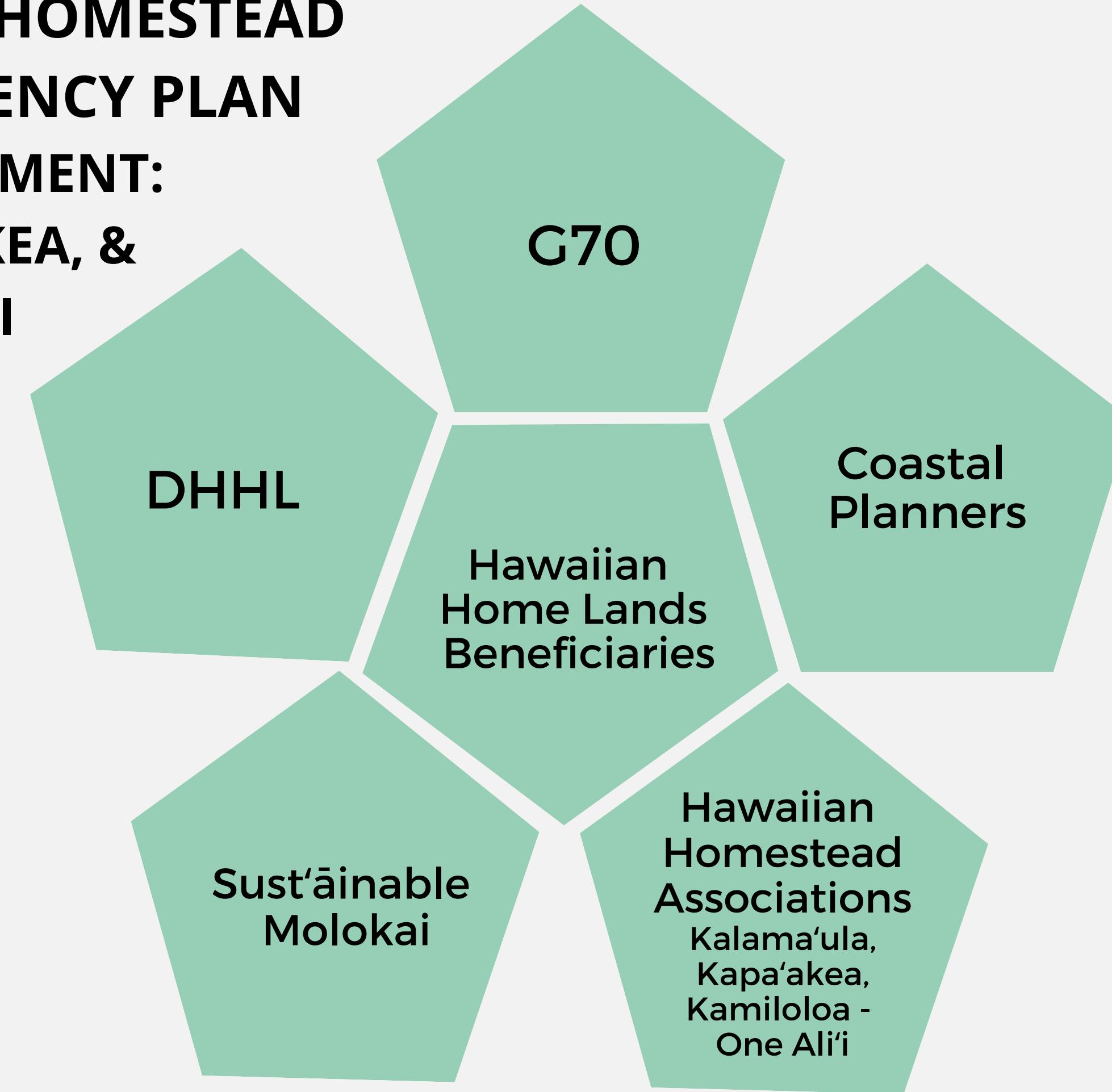
Thorne Abbott

Technical  
Advisor

# MOLOKAI COASTAL HOMESTEAD COMMUNITY RESILIENCY PLAN

## BENEFICIARY ENGAGEMENT:

KALAMA'ULA, KAPA'AKEA, &  
KAMILOLOA - ONE ALI'I





# WHAT IS THE MOLOKAI COASTAL HOMESTEAD COMMUNITY RESILIENCY PLAN?

This project will produce a Molokai Coastal Homestead Community Resilience Plan for the DHHL Homestead communities of Kalama'ula, Kapa'akea, & Kamiloloa-One Ali'i



# WHAT AREA WILL THIS PLAN FOCUS ON?

From **MAUKA TO MAKAI!**  
Ahupua'a of Kalama'ula, Kapa'akea,  
Kamiloloa and Makakupa'ia (One Ali'i)

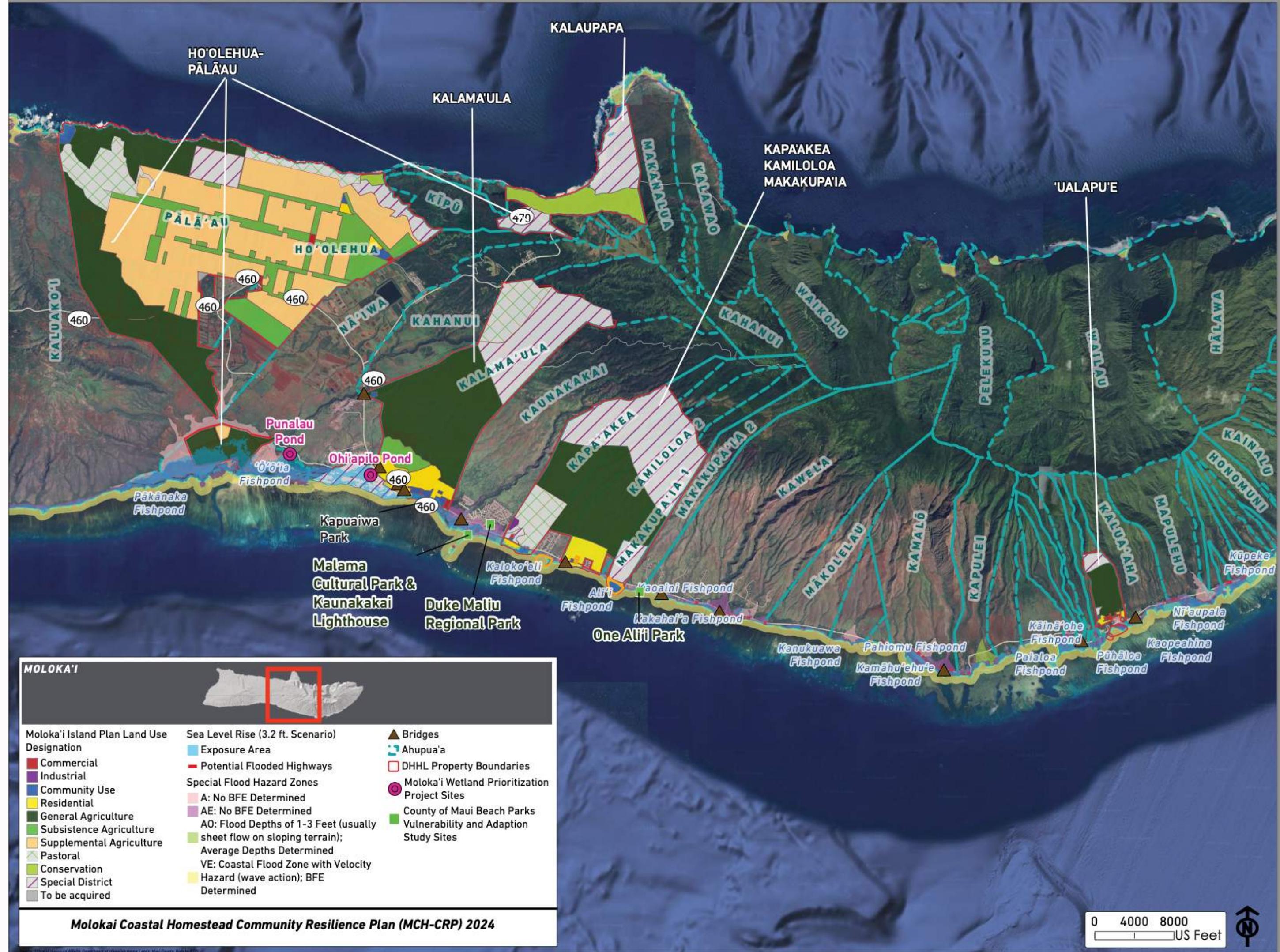
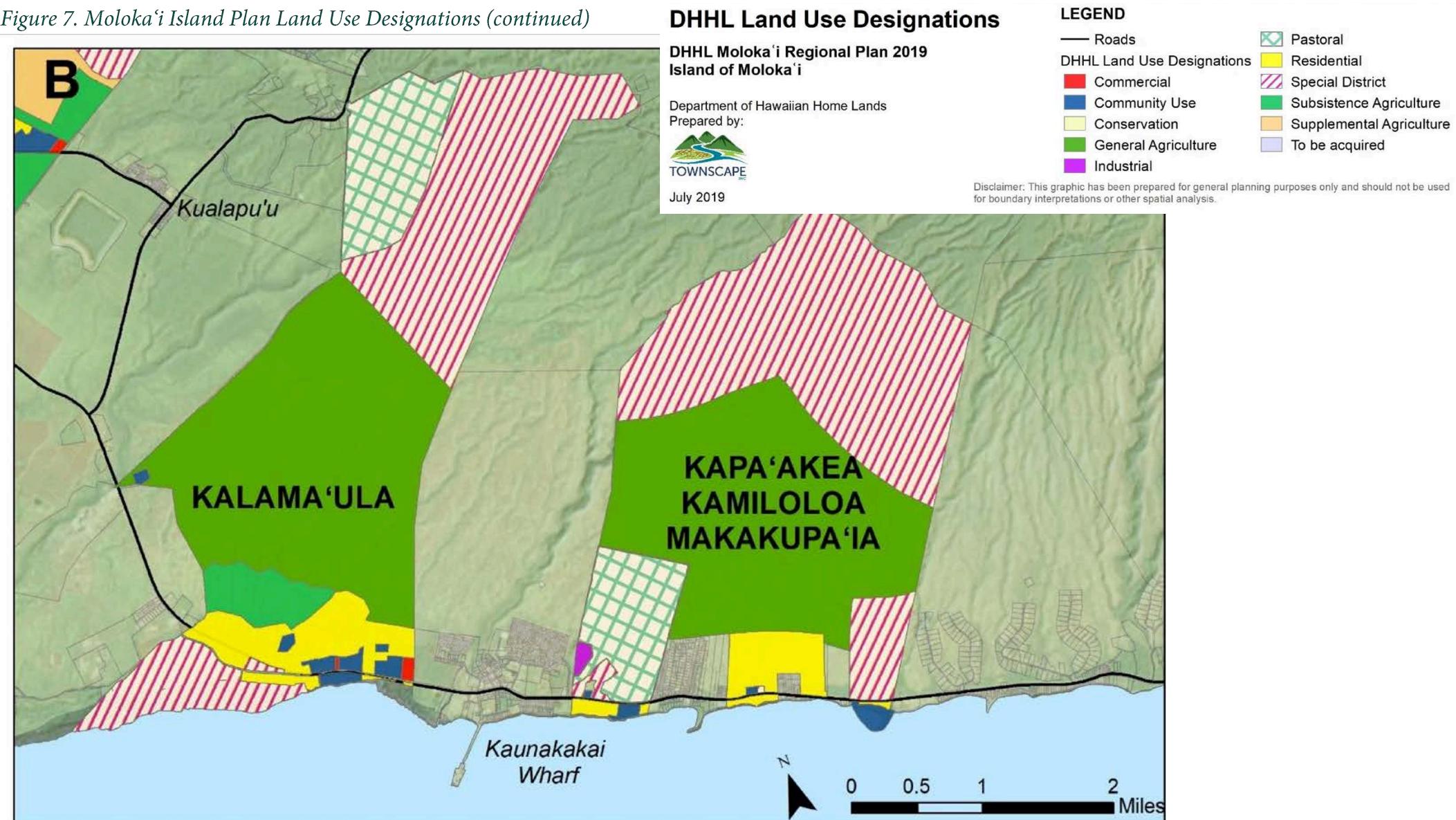
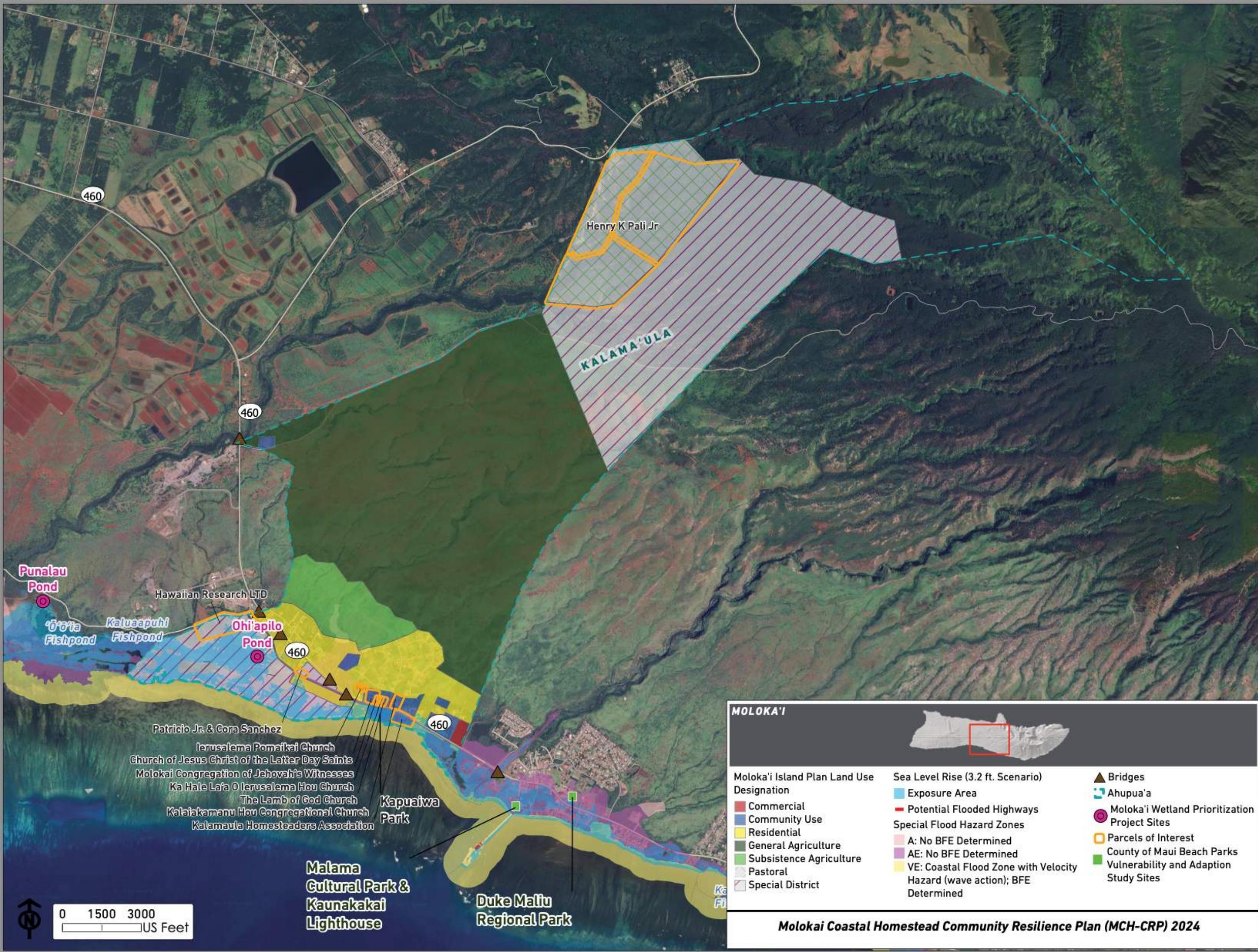


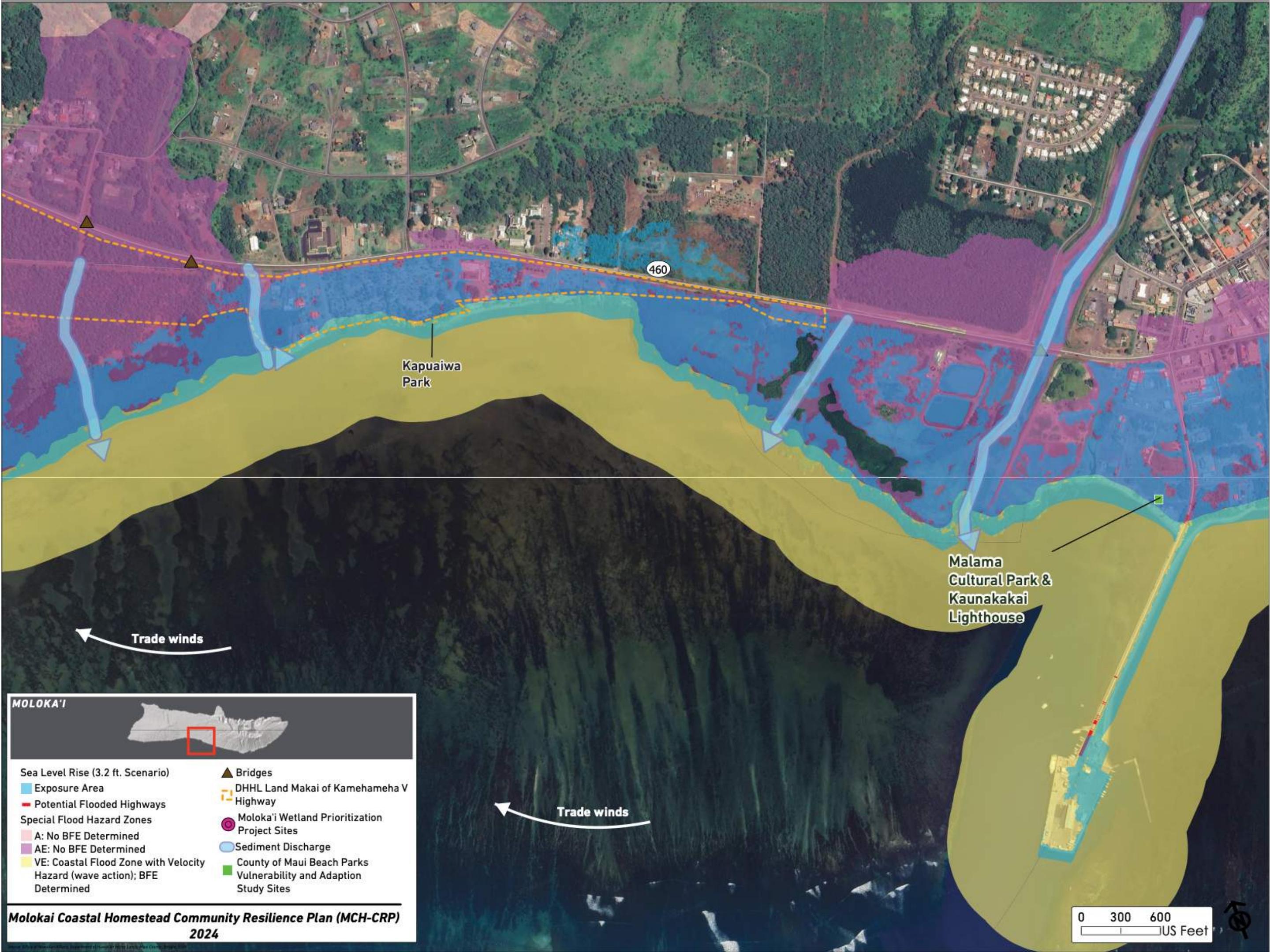
Figure 7. Moloka'i Island Plan Land Use Designations (continued)



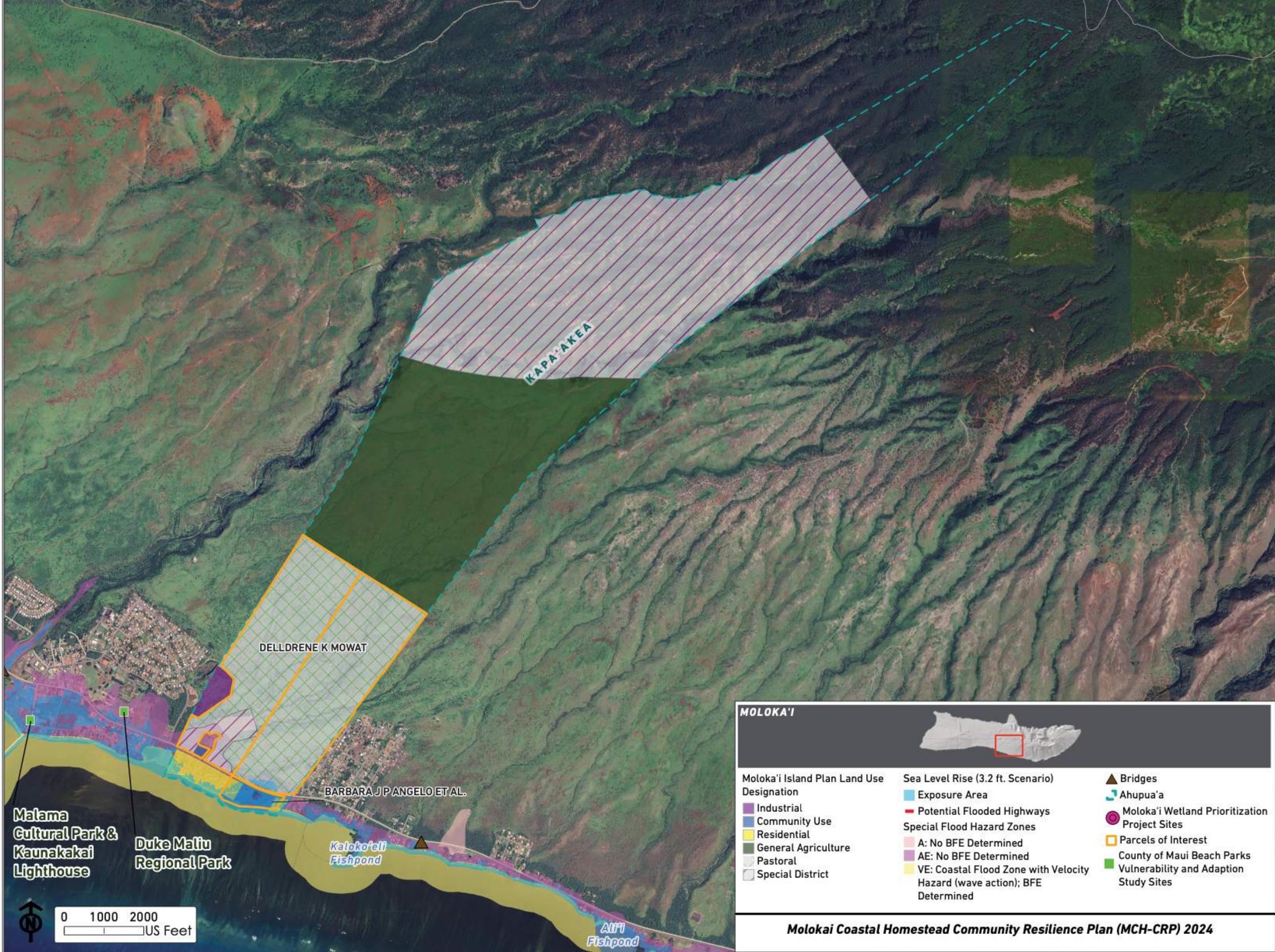


# KALAMA'ULA



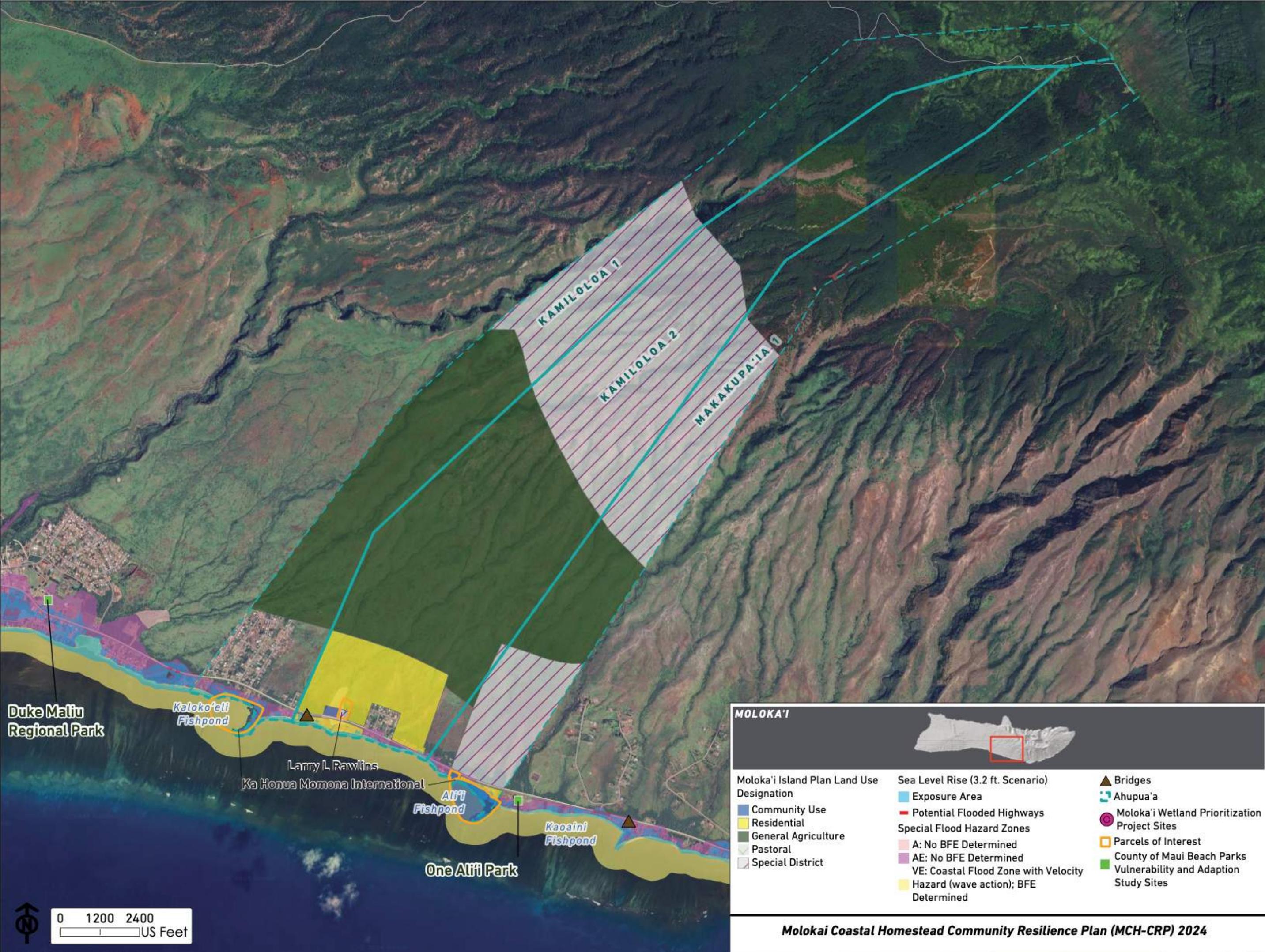


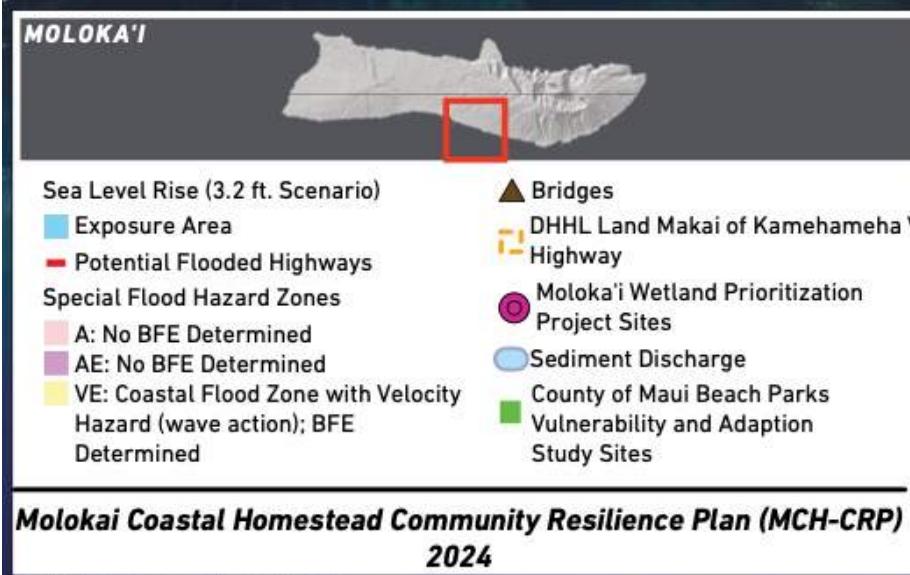
# KAPA'AKEA





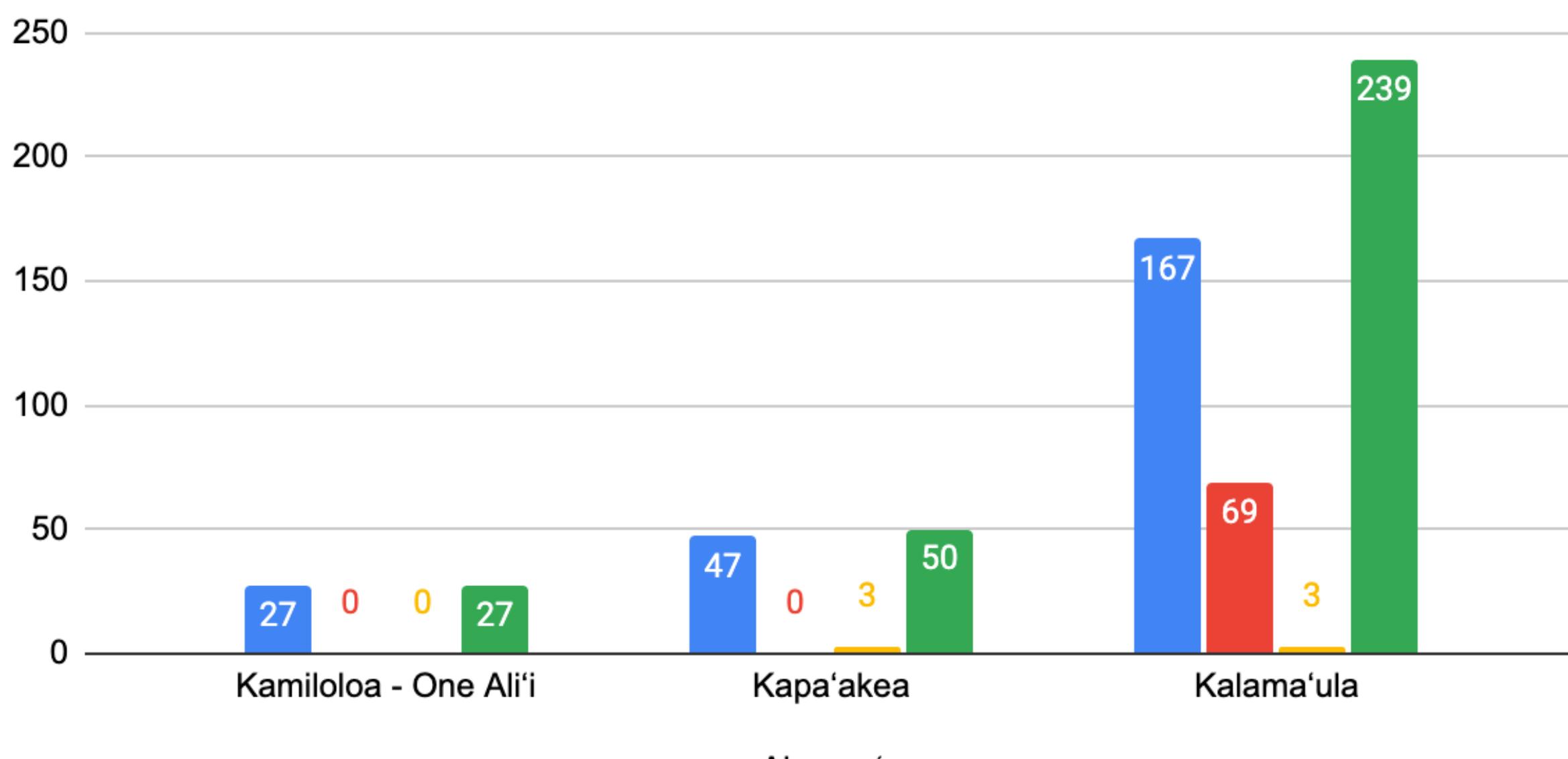
# KAMILLOA - ONE ALI'I





## Residential Lots, Agriculture, Pastoral and Total Leases

Residential Lots   Agriculture   Pastoral   Total Leases



### Kamiloloa - One Ali'i Homestead:

**27** Residential Lots

**75** Residents

=27 Total Leases

### Kapa'akea Homestead:

**47** Residential Lots

**3** Pastoral Lots

**166** Residents

=50 Total Leases

### Kalama'ula Homestead:

**160** Residential Lots

**69** Agriculture Lots

**3** Pastoral Lots

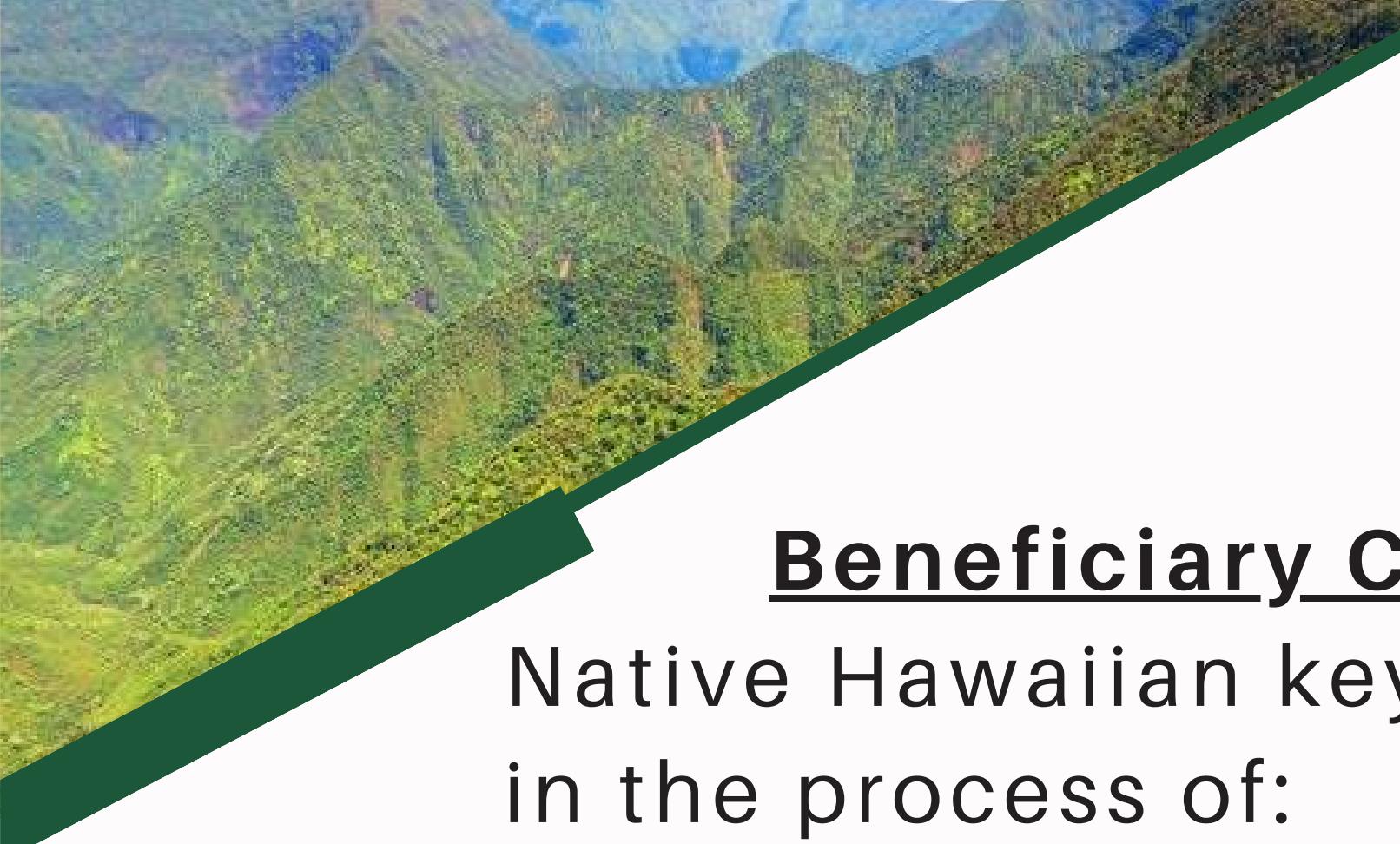
**322** Residents

=232 Total Leases



# WHAT IS THE PROCESS OF THIS PLAN?

Multiple meetings & workshops will be held with beneficiaries to go over different issues & concerns and identify up to:  
**5 priority projects per Ahupua'a.**



# WHAT IS THE PROCESS OF THIS PLAN?

## Beneficiary Consultation & Collaboration with:

Native Hawaiian key stakeholders on Hawaiian Homelands,  
in the process of:

- Planning Hui Meetings:** with Ahupua'a Associations & Reps
- Workshops:** 3 In-person Beneficiary Workshops
- Small Group Interviews:** *Up to 6* with knowledgeable stakeholders, such as Kūpuna, 'ōpio, & cultural practitioners
- Technical Meetings:** 4 with state, county, natural resources agencies, etc.
- Huaka'i:** Each Ahupua'a: tbd for Mauka & Makai locations

# PLANNING MEETING TIMELINE

January 2024 - July 2024

20  
24

Project Kickoff

Meet with Homestead  
Association Boards -  
Planning Hui Mtg #2  
4.25.24

Meet with Homestead  
Association Boards -  
Planning Hui Meeting  
#4  
\*Schedule date\*

**WORKSHOP #2:**  
**RESILIENCE Planning**  
6.20.24 Kulana Oiwi Hālau

Jan-Feb

March

April

May

June

July

Meet with Homestead  
Association Boards -  
Planning Hui Mtg #1  
3.25.24

Meet with Homestead  
Association Boards -  
Planning Hui Meeting #3  
5.08.24

**WORKSHOP #1:**  
**INTRO**  
5.13.24

Meet with  
Homestead  
Association  
Boards -  
Planning Hui  
Meeting #5  
\*Schedule date\*

# PLANING TIMELINE

July 2024 - December 2024

## WORKSHOP #3

What are the  
OPTIONS?

G70 Work on  
Preliminary Draft

DHHL Review  
Preliminary Draft

FINAL MCH-CRP  
PLAN

August

September

October

November

December

Jan-Feb

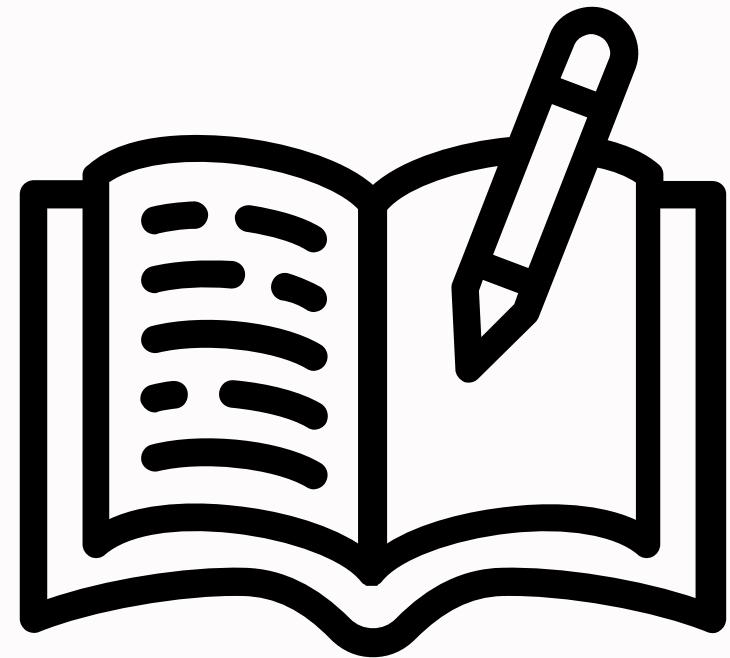
## WORKSHOP #4

What can be  
DONE?

## WORKSHOP #5

Beneficiary Review  
Preliminary Draft

20  
25



# ACTIVITY

**In your Ahupua'a groups,**

1. Discuss questions, and write down your thoughts and discussions
2. Assign 1 member (to talk on behalf of your group) to present your group's thoughts and mana'o.

# WHAT IS THE PILIKIA OR HIHIA?

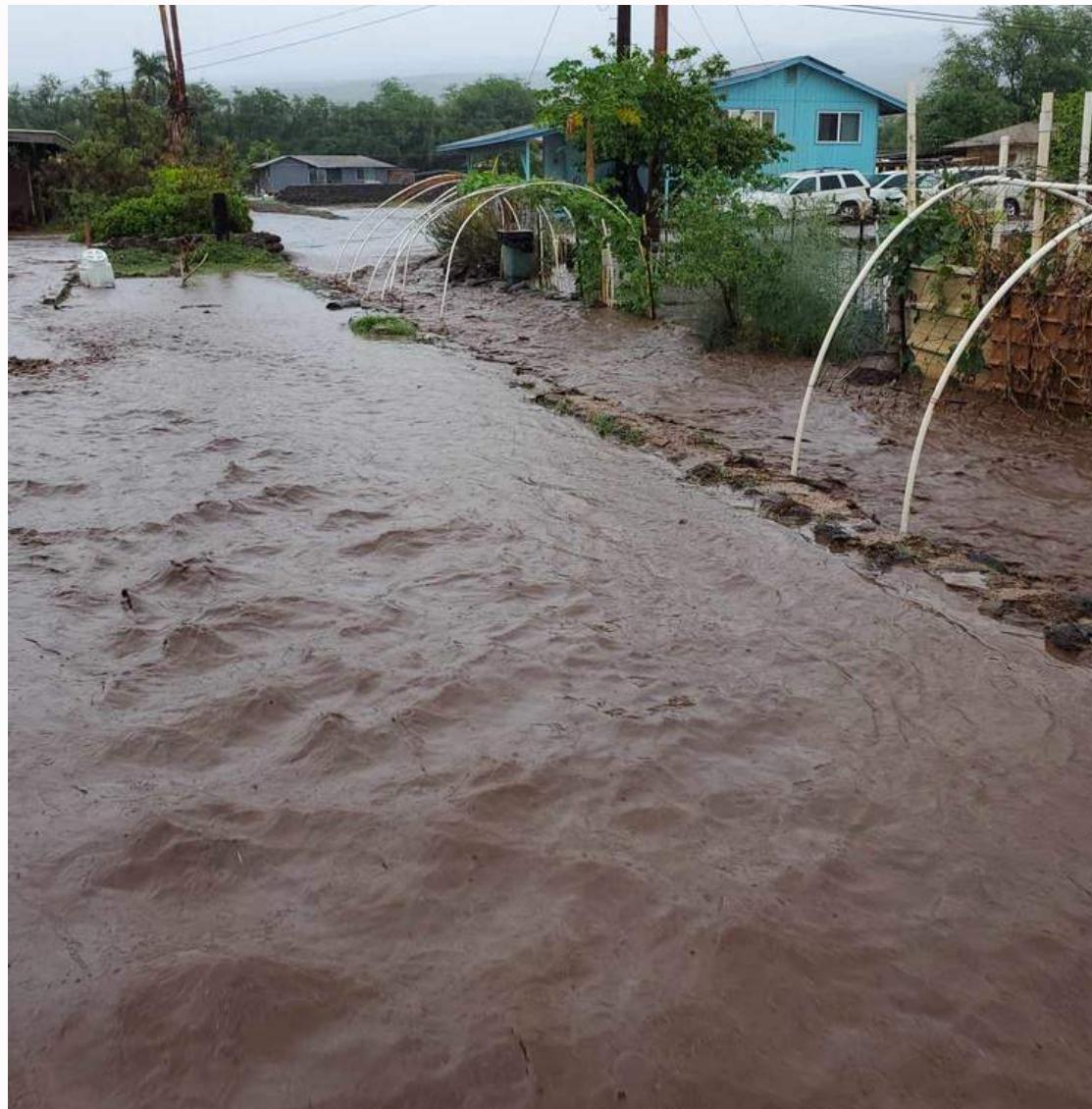
PROBLEM / HAZARD / RISKS / DANGER / THREAT / ISSUE

KALAMA'ULA



Wildfire

KAPA'AKEA



Flooding

KAMILOLOA - ONE ALI'I



Shoreline Erosion

# WHAT IS A PILIKIA OR HIHIA IN YOUR AHUPUA'A?

**Circle your Ahupua'a**

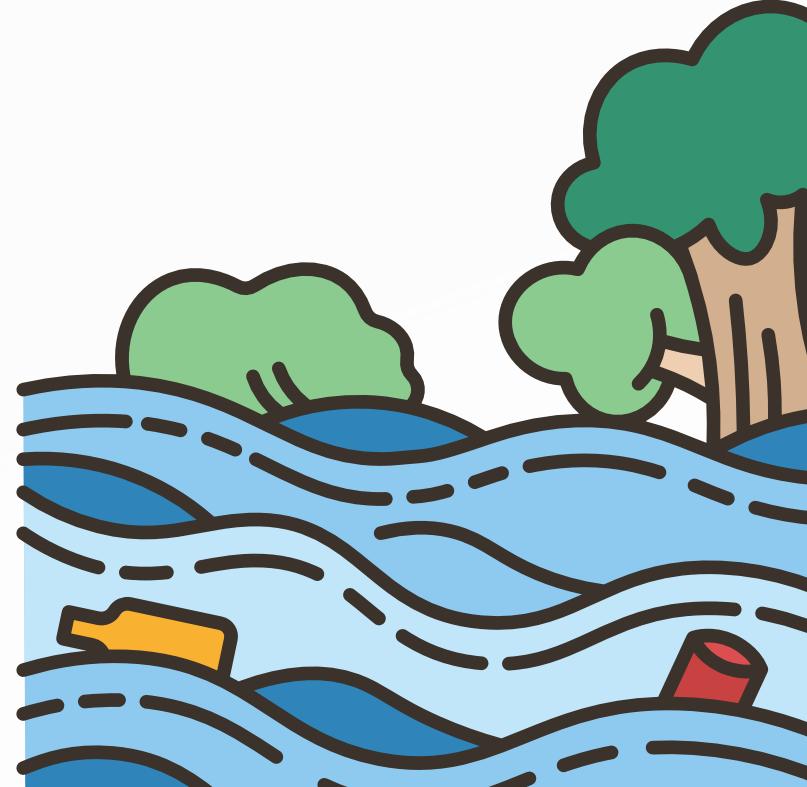
KALAMA'ULA

KAPA'AKEA

KAMILOLOA - ONE ALI'I

PROBLEM/ HAZARD/ RISKS / DANGER / THREAT /  
ISSUE

List out problems and hazards for your ahupua'a:



# WHAT ARE SOME MANAWA?

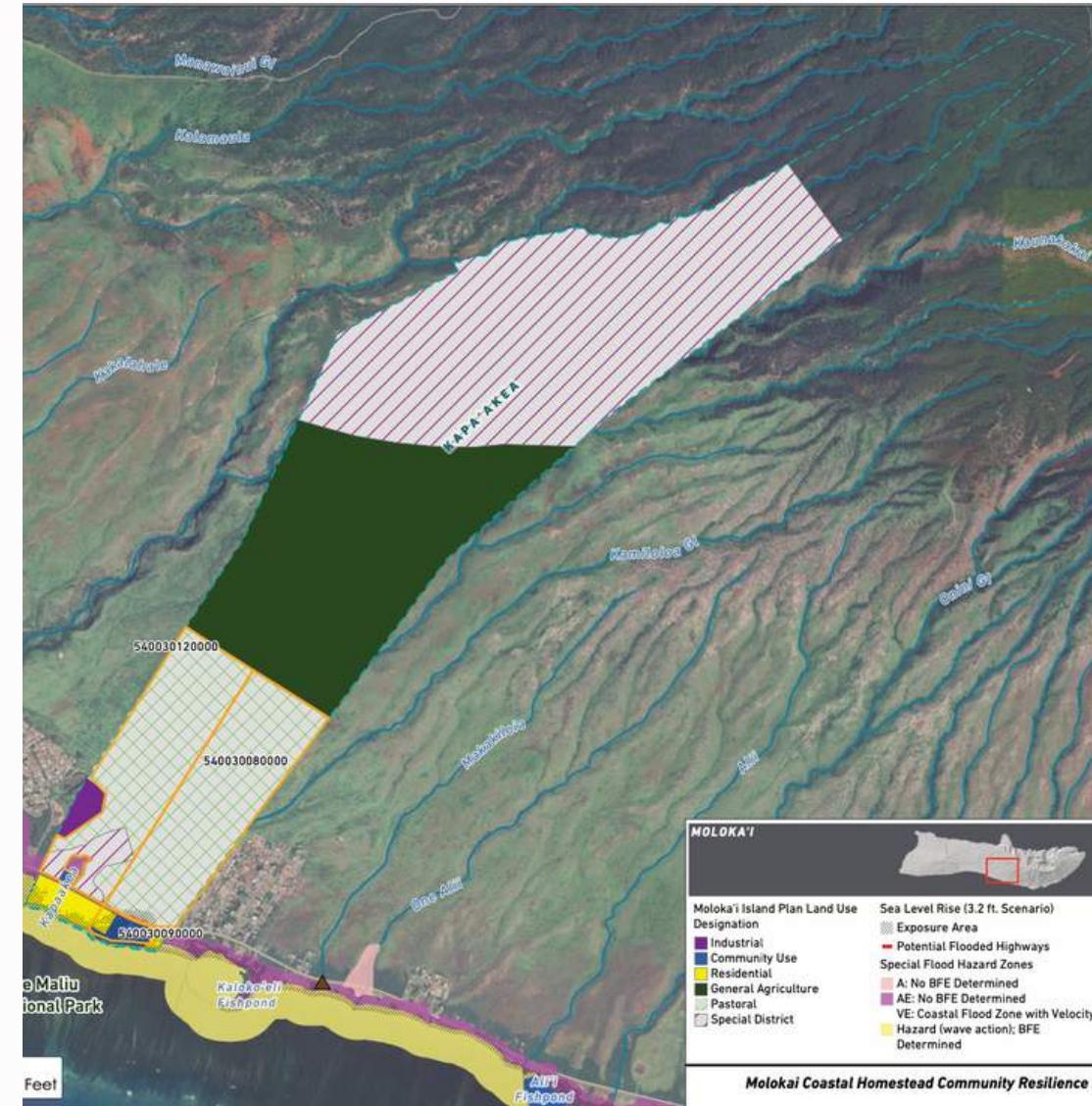
## OPPORTUNITIES / POSSIBILITIES

### KALAMA'ULA



Ohia'pilo Wetland Restoration

### KAPA'AKEA



Mauka Restoration

### KAMILOLOA - ONE ALI'I



Limu Farming

# WHAT ARE SOME MANAWA IN YOUR AHUPUA'A?

**Circle your Ahupua'a**

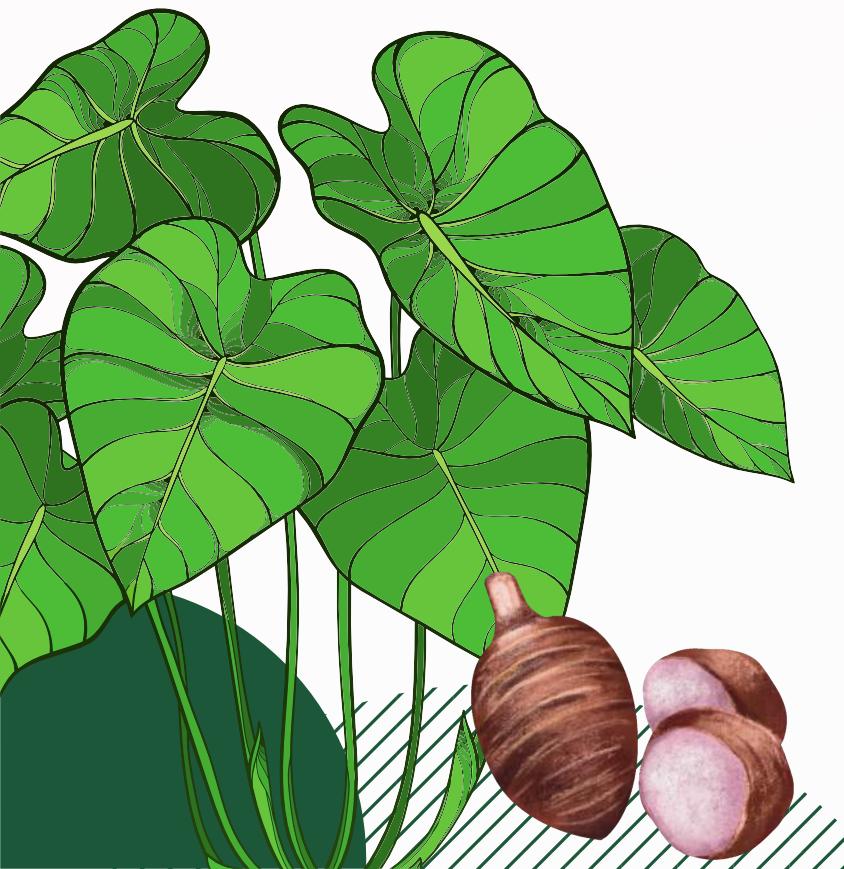
KALAMA'ULA

KAPA'AKEA

KAMILOLOA - ONE ALI'I

**OPPORTUNITIES / OPTIONS / POSSIBILITIES**

List out opportunities for your ahupua'a:



# WHAT ARE SOME WAIWAI?

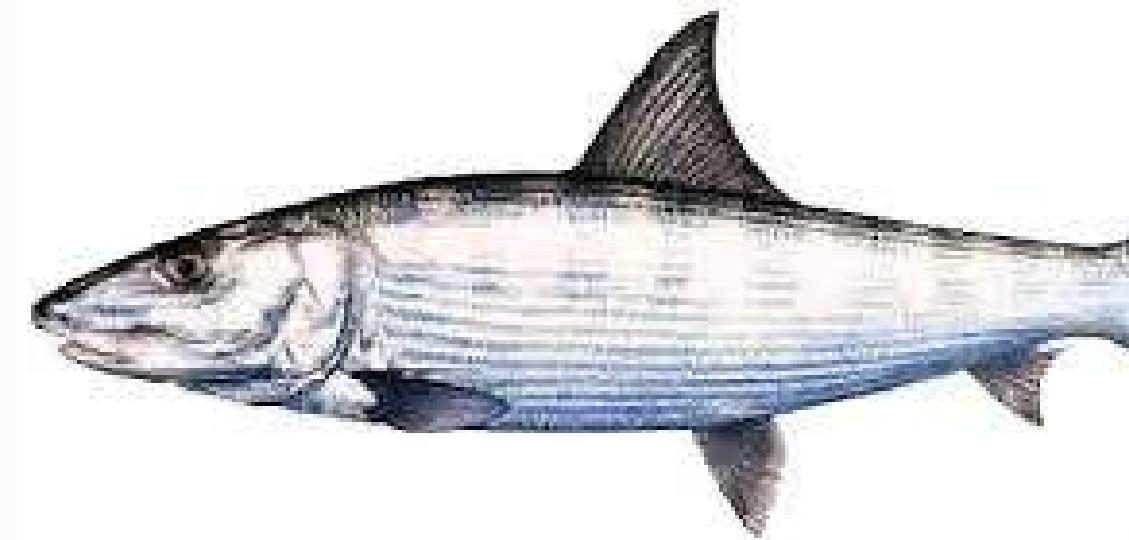
BENEFITS / STRENGTHS / ADVANTAGE / VALUE / ASSETS

KALAMA'ULA



Kapu'āiwa Grove/Kiowa Park

KAPA'AKEA



Kahakai: Marine Structure/Life

KAMILOLOA - ONE ALI'I



Ali'i Fishpond (Ka Honua Momona)

# WHAT ARE SOME WAIWAI IN YOUR AHUPUA'A?

Circle your Ahupua'a

KALAMA'ULA

KAPA'AKEA

KAMILOLOA - ONE ALI'I

ASSETS / BENEFIT / STRENGTHS /  
ADVANTAGE / VALUE

List out assets for your ahupua'a:





# MANA’O NEEDED PLEASE

## Beneficiary Engagement & (sow)

- Kulana ‘Oiwi Hālau 5-7pm
- Workshops
  - **Workshop #1: TODAY!**
  - **Workshop #2: June 20, 2024**
- **Upcoming Workshops:**
  - Workshops #3: August
  - Workshops #4: August
  - Last: January/February

# MAHALO !

ANY QUESTIONS OR CONCERNS?

**NANCY MCPHERSON - DHHL**

✉ nancy.m.mcpherson@hawaii.gov

**SUST'ĀINABLE MOLOKAI**

✉ heather@sustainablemolokai.org

