



Hawai'i Wildfire Management  
Organization

# Wildfire in Hawai'i

## And what we can do to reduce risk

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Co-Executive Directors



# ABOUT **HWMO** HAWAI'I WILDFIRE MANAGEMENT ORGANIZATION

## 20+ years

Years of experience and service.

## Hub Organization

For wildfire education, information, planning, mitigation, and collaboration.

## 100%

Dependent on competitive grants and donations



# Core Concepts

About Wildfire in Hawai'i



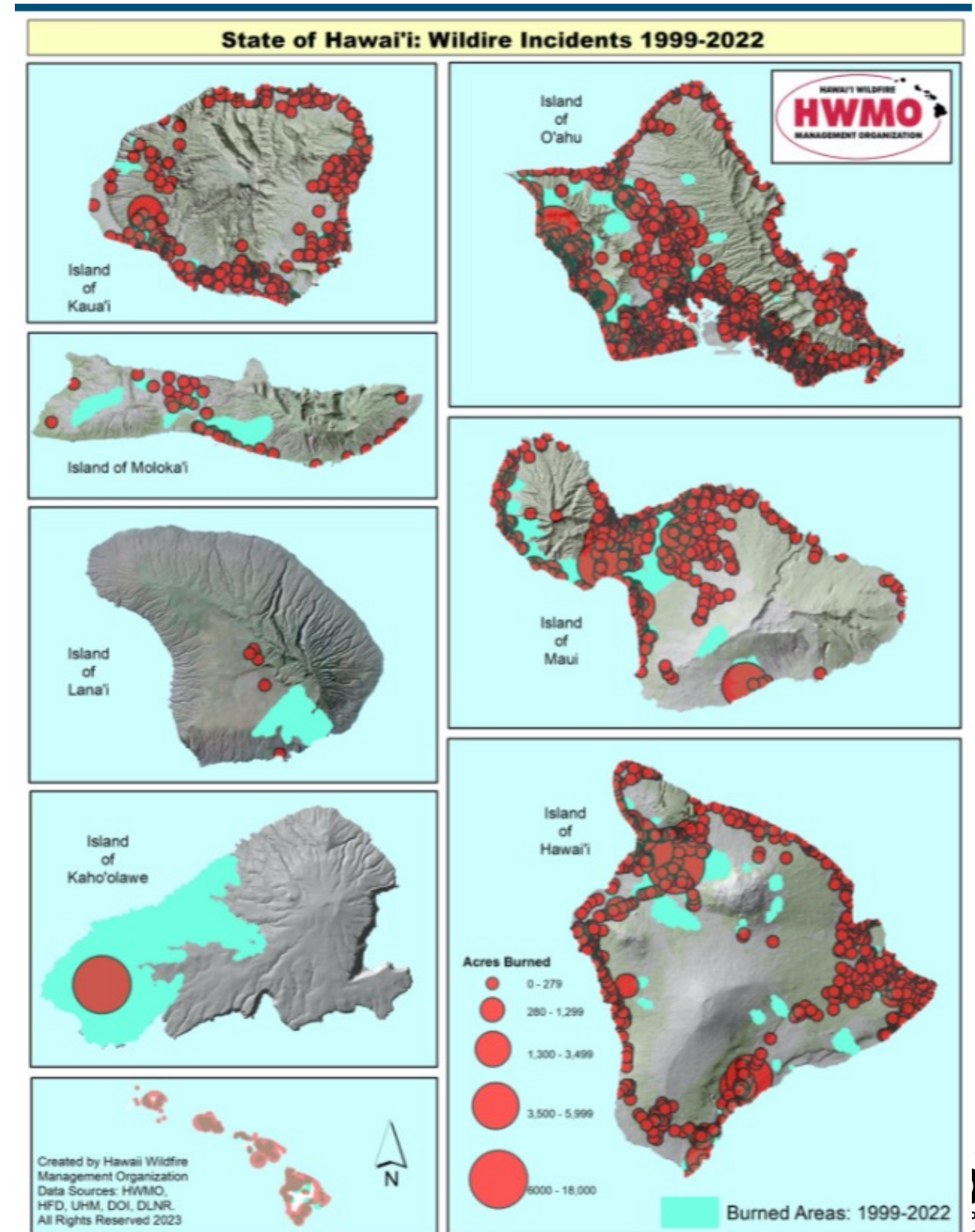
# Core Concepts

1

**Hawai'i is a  
fire prone  
state**

# Under the right conditions in Hawaii, anywhere can burn!

- Ignitions occur near roads and human-accessed areas
- Both sides (windward & leeward) of islands
- All islands, statewide are venerable



# Core Concepts

1

**Hawai'i is a  
fire prone  
state**

2

**Wildfire risk  
can be  
reduced.**

# Core Concept 2: Wildfire risk can be reduced

**There is a lot we can do to reduce wildfire occurrence, fire spread, & severity**



**Reduce ignitions**



**Manage land & reduce fuel**



**Make homes & towns safer & ignition-resistant**

# Core Concepts

1

**Hawai'i is a  
fire prone  
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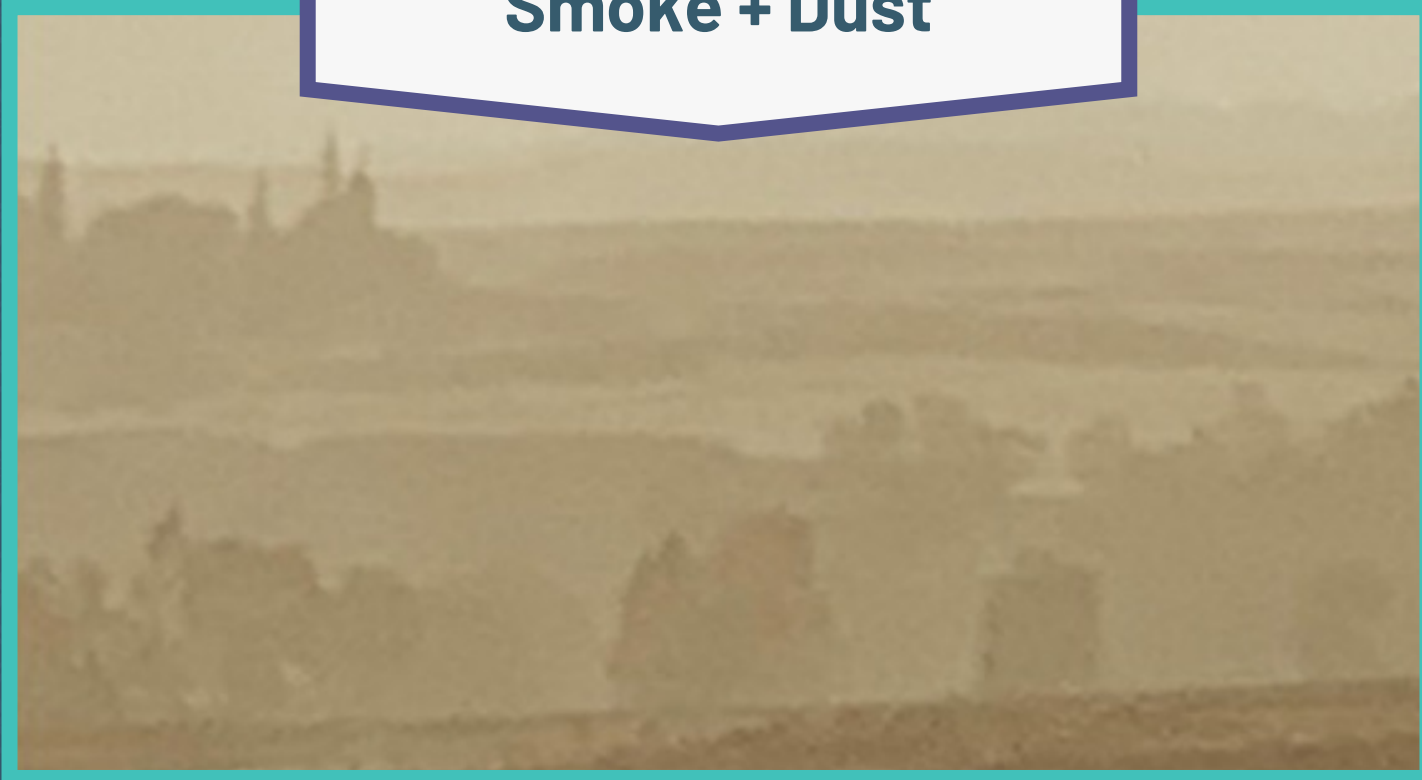
3

**Impacts are  
broad &  
long-lasting**

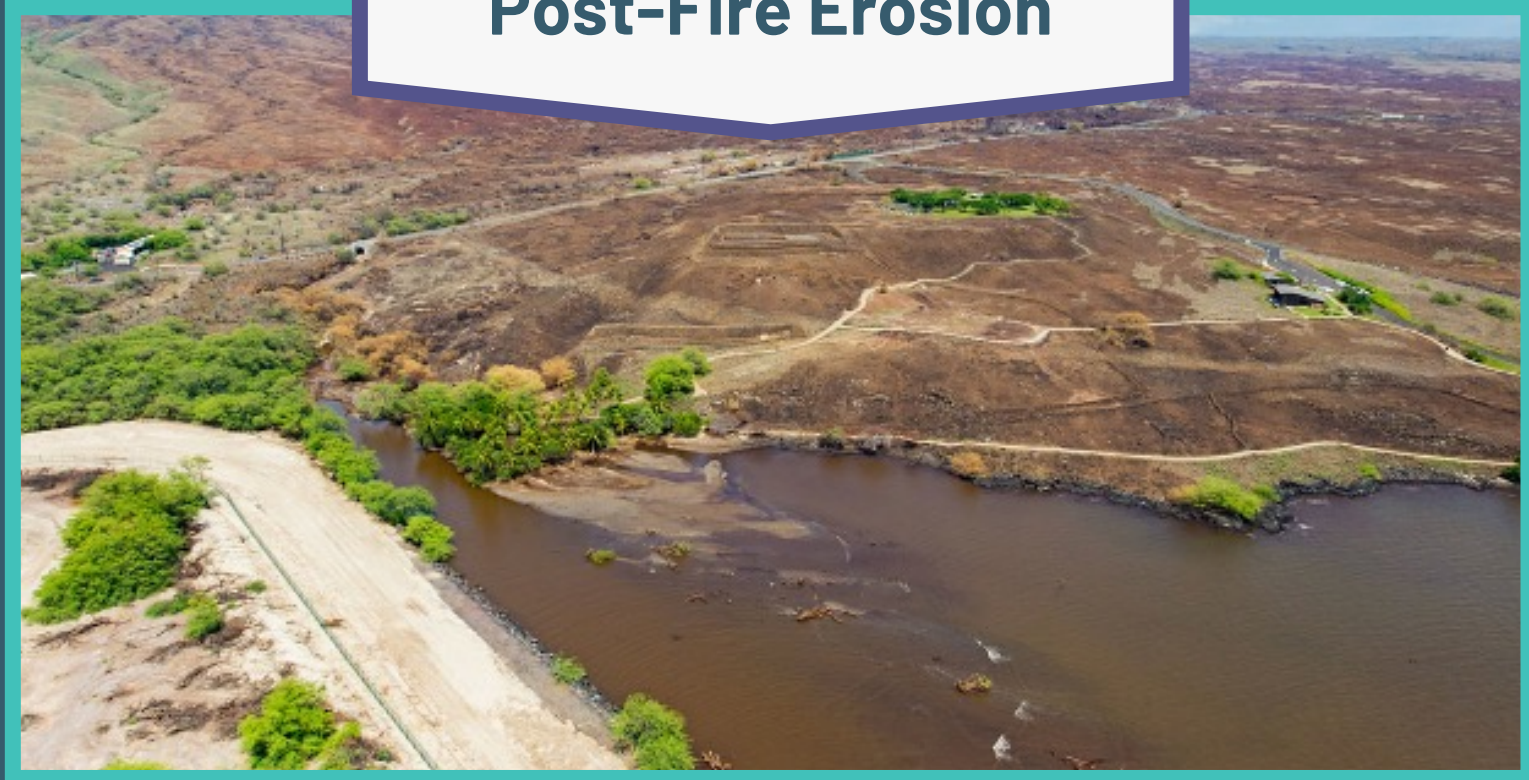


# Core Concept 3: Impacts are broad and long-lasting

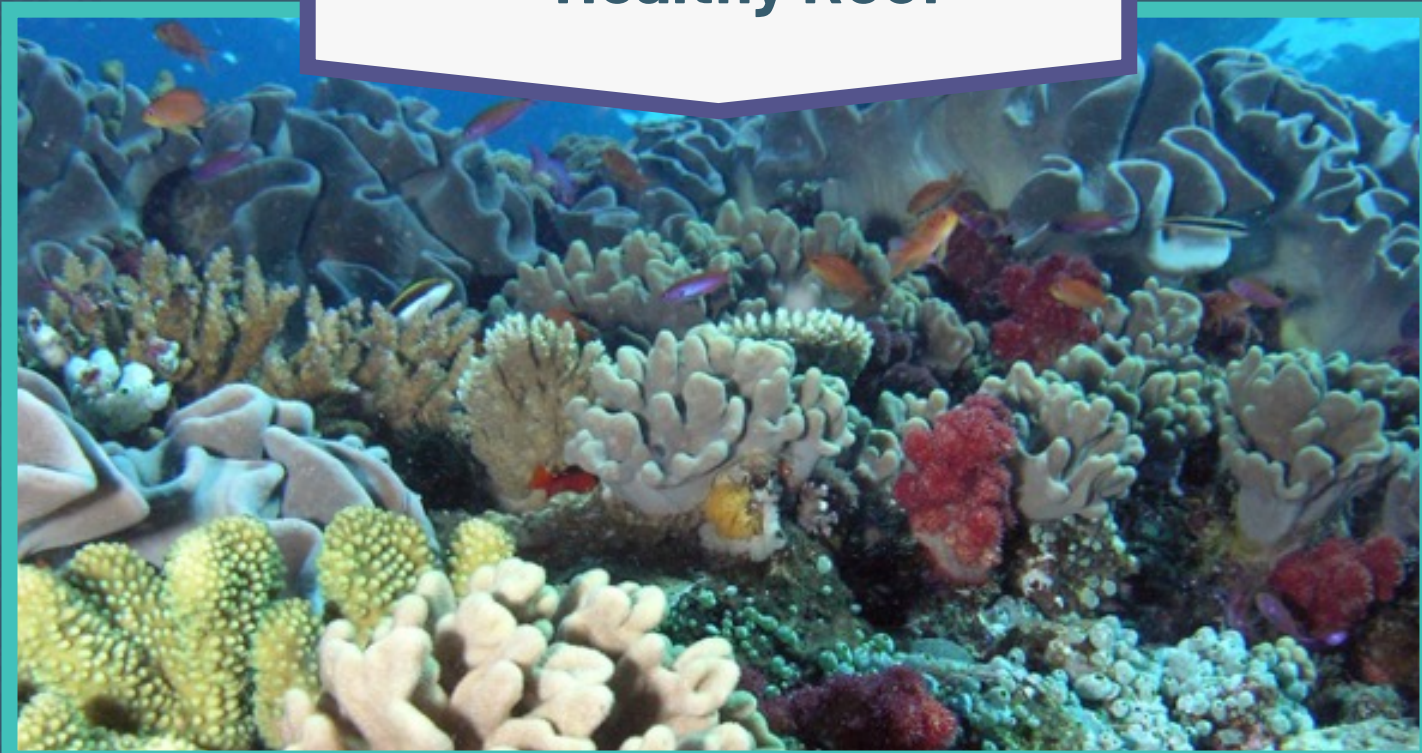
Smoke + Dust



Post-Fire Erosion



Healthy Reef



Post-Fire Erosion  
Smothers Reefs



# Core Concepts

1

**Hawai'i is a  
fire prone  
state**

2

**Wildfire risk  
can be  
reduced.**

3

**Impacts are  
broad &  
long-lasting**

4

**Everyone  
plays a role**

# Core Concept 4: Everyone plays a role

## *Everyone has a role in adapting to wildfire*



**Land  
Stewards**

**Residents**

**Policy-makers  
& Community  
Leaders**

**Emergency  
responders**

**Planners  
Developers  
Utilities**

# Core Concepts

1

**Hawai‘i is a  
fire prone  
state**

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**Wildfire risk  
can be  
reduced.**

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**Impacts are  
broad &  
long-lasting**

4

**There is a  
role for  
everyone**

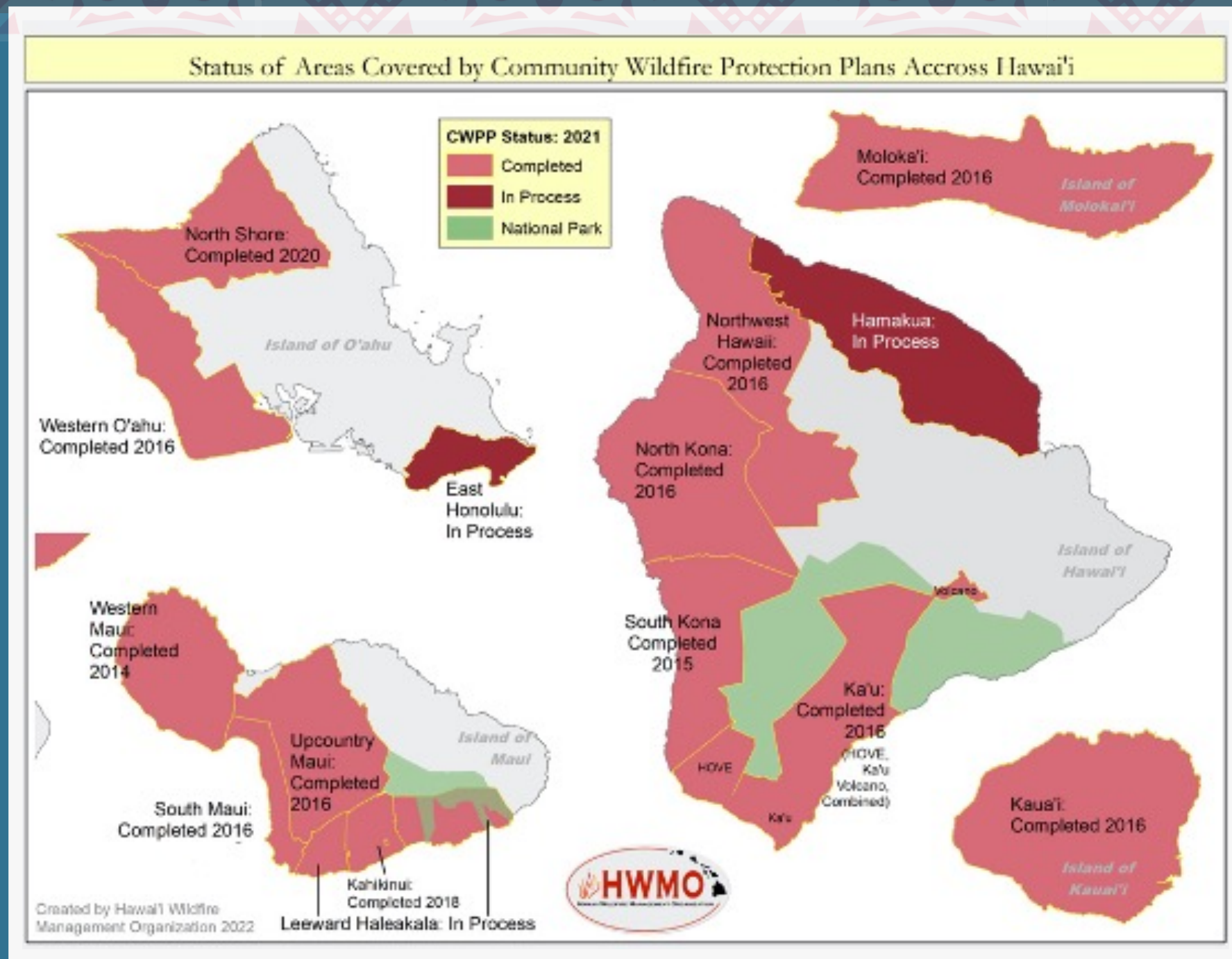
5

**Hawai‘i has  
info, programs  
& partnerships**

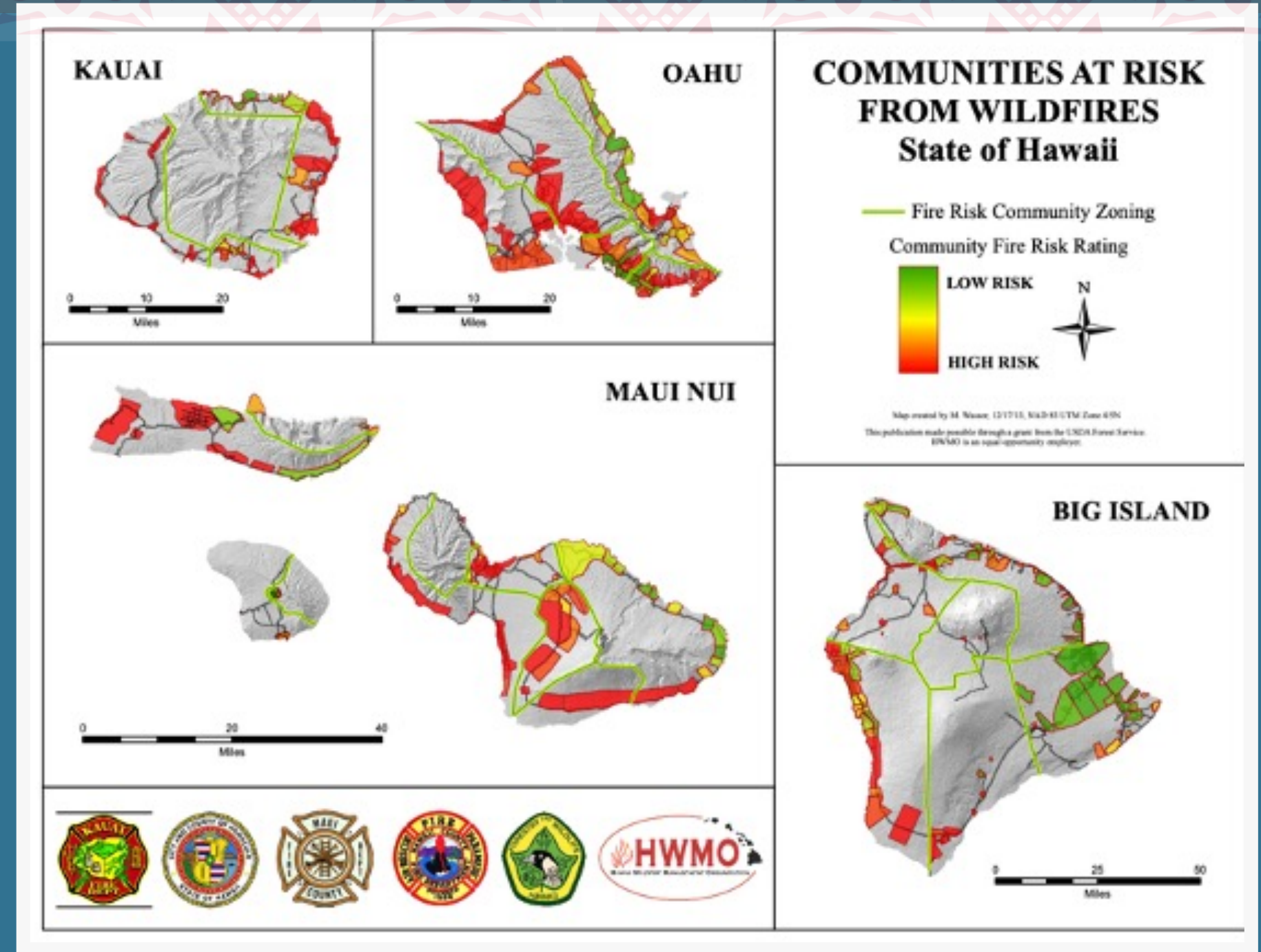
# Core Concept 5: Hawaii has info, programs, & partnerships



# COMMUNITY WILDFIRE PROTECTION PLANS & HAZARD ASSESSMENTS



Community Wildfire Protection Plans



Wildfire Hazard Assessments

# Community & Multi-partner WILDFIRE PLANS

## Fuels management plans



The posters provide a comprehensive overview of wildfire management on each island. Each poster includes:

- Why manage vegetation?** - Explains the benefits of reducing fuel loads and the risks of not managing vegetation.
- Ignitions + Fuel + Impacts** - A diagram showing how these three factors contribute to wildfire risk.
- Land Managers are Currently Reducing Wildfire Risk Through Vegetation Management** - Provides statistics on the amount of land managed and the percentage of vegetation removed.
- Request Funding** - Lists various funding sources and programs available for vegetation management.
- Performance Schedule** - A timeline showing the progress of vegetation management efforts.
- Map** - A map of the island showing areas where vegetation management is occurring or planned.



The covers represent the following plans:

- Kauai Community Wildfire Protection Plan Update** - Includes an overview of wildfire-related concerns and priority actions.
- Kailapa Firewise Community Hazard Assessment** - Completed December 2016.
- Kaneohe Firewise Community Hazard Assessment** - A firewise community hazard assessment.
- Managing Hazardous Vegetation - HAWAII ISLAND** - A poster detailing wildfire management strategies for the island.



# Research, Information Resources & Training Materials For Diverse Sectors

The collage features several key documents:

- Grazing to Reduce Blazing** (Pacific Fire Exchange, April 2016)
- Wildfire in the Western Pacific** (Pacific Fire Exchange, February 2017)
- 2018 Wildfires in Hawai'i | PFX Annual Summary**
- Changing Climate and Wildfire: a Crisis Brewing in the Pacific** (Climate Change Series, April 2021)
- After Fire** (Hawaii Wildfire Resources for Teachers)
- Nature Journaling with Students** (Hawaii Wildfire Resources for Teachers)
- Wildfire Journaling** (Hawaii Wildfire Management Organization)
- Outdoor hot works safety** (Hawaii Wildfire Management Organization)
- 3 Land Management Tips to Reduce Wildfire Risk**
- 5 Land Management Tips to Reduce Wildfire Risk**
- DEAR FIELD CREWS, OPERATIONS, AND MANAGEMENT STAFF, Preventing Outdoor hot works safety**
- Check Conditions! Don't be the one to start a wildfire.**
- Hawaii State Drought Monitor**
- Hawaii Fire Weather Products, National Weather Service**
- Primary Causes of Wildfire Ignitions in Hawai'i: Machinery That Sparks**





# EDUCATIONAL Resources



## Wildfire LOOKOUT!

- Wildfires are a frequent and significant hazard across Hawaii.
- Wildfires impact drinking water, coral reefs, fisheries, recreation, traffic, native forests, and human lives, homes, safety, and health! These are under publicized and need attention. Spread the word!
- Nearly all wildfires are started by people.
- Taking simple steps around your home, yard, and community can protect you and your family.

## READY, SET, GO!

YOUR PERSONAL WILDLAND FIRE ACTION GUIDE

**HAWAI'I**

WILDLAND FIRE

- Dig a shovel
- Dig away.
- Prune and
- Mulch regularly.
- Park cars on
- cleared
- areas - attend
- fire protection.
- When are dry!

This guide was developed by:

**HWMO** [hawaiiwildfire.org](http://hawaiiwildfire.org)

In partnership with:

**Hawai'i Prevents Wildfire**  
"It takes us all!"  
-Kaleo the Puaa

JOIN KALEO THE PUAU!  
PROTECT THE LANDS, WATERS, AND COMMUNITIES OF HAWAII FROM WILDFIRE

**HAWAII PREVENTS WILDFIRE**  
Activity Book  
3rd to 6th Grade  
"It takes us all!"  
-Kaleo the Puaa

JOIN KALEO THE PUAU!  
PROTECT THE LANDS, WATERS, AND COMMUNITIES OF HAWAII FROM WILDFIRE

**HAWAII PREVENTS WILDFIRE**  
Activity Book  
Pre-K to 2nd Grade  
"It takes us all!"  
-Kaleo the Puaa

JOIN KALEO THE PUAU!  
PROTECT THE LANDS, WATERS, AND COMMUNITIES OF HAWAII FROM WILDFIRE

**KNOW FIRE**  
K-8<sup>TH</sup> GRADE  
CLASSROOM WILDFIRE CURRICULUM

HAWAII WILDFIRE MANAGEMENT ORGANIZATION

# COMMUNITY TRAINING & ACTION PROGRAMS



SCAN

**HWMO's Wildfire Home Assessment Program Video**

# Our Pathway Forward

## Work Toward Wildfire-Adapted Communities



**People who live and work in the Hawai‘i are aware and as prepared as possible to deal with wildland fire.**

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**Everyone knows they play a role in wildfire prevention, readiness, and safety, and does their part.**

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**The built environment resists, withstands, and recovers well from wildfire.**

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**Homes & towns are built safely from the start, or retrofitted for safety.**

The time to commit to a  
wildfire-ready and wildfire-resilient  
future is here.



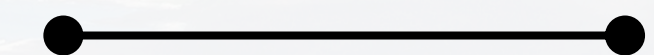
Artist: Gianna Pua'ilahi Groves





MAHALO  
NUI LOA

**Contact Us**



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