

An aerial photograph of a lush green mountain valley. In the foreground, a hiker with a red backpack stands on a grassy ridge, looking out over the valley. A winding road snakes through the dense forest. In the distance, a coastal town and the ocean are visible under a cloudy sky.

Watershed Forest Protection

HISC Legislative Briefing

January 14, 2014

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Who Are The Watershed Partnerships?

The WPs and Their Partners





Voluntary alliance of landowners and conservation organizations committed to managing the land for watershed resources on the volcanoes of Kīlauea, Mauna Loa and Hualālai.

- State Division of Forestry & Wildlife
- US National Park Service
- Kamehameha Schools
- US Fish and Wildlife Service
- The Nature Conservancy
- State Department of Public Safety
- USDA Forest Service
- USDA Natural Resources Conservation Service
- USGS Biological Resources Division
- Office of Hawaiian Affairs



THREE
MOUNTAIN
ALLIANCE



Established in 1994 as the 'Ōla'a-Kīlauea Partnership to cooperatively manage and protect native species and ecosystems on 32,000 acres.

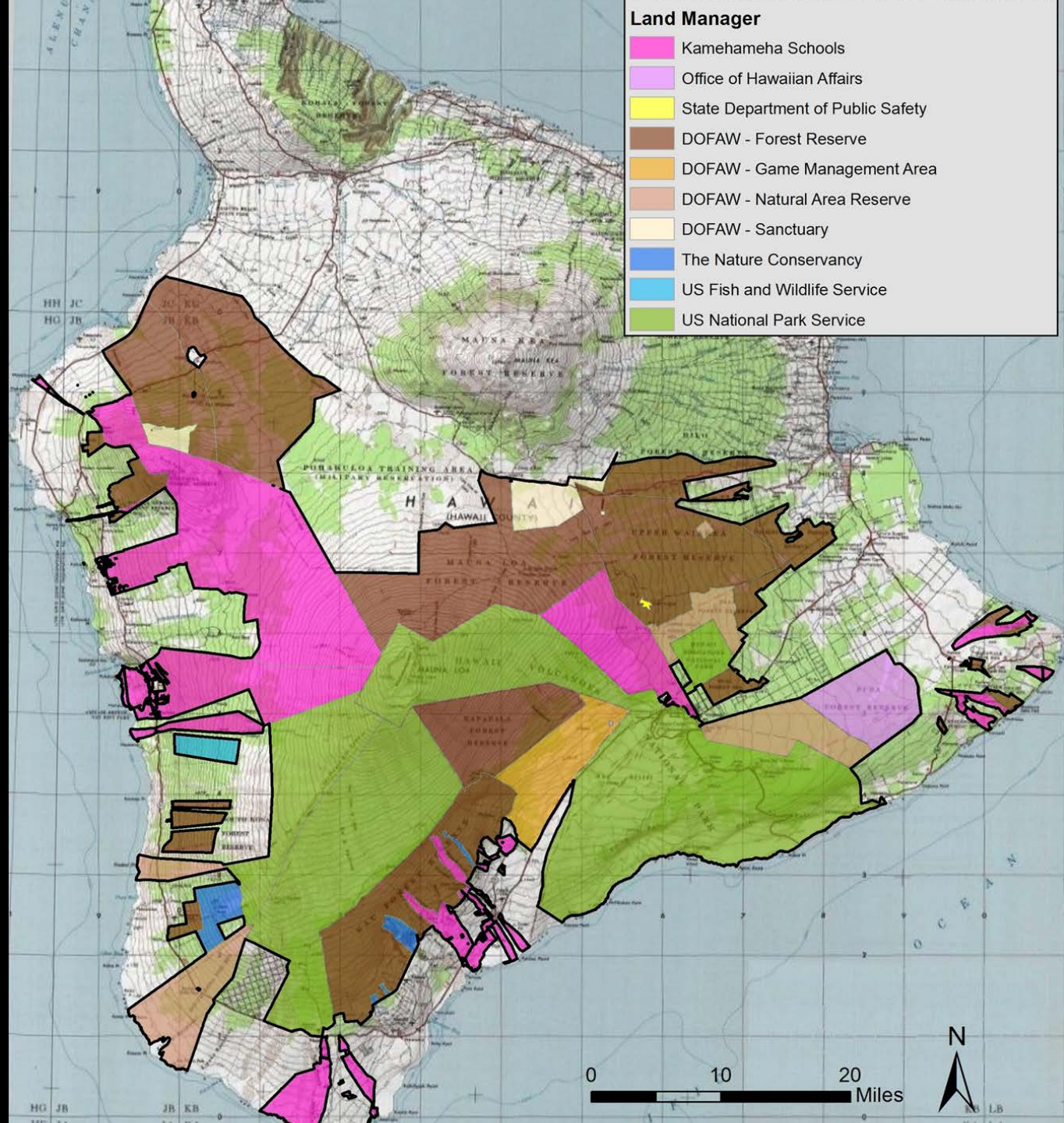
In 2008, became the Three Mountain Alliance as it expanded to over **one million** acres or over 45% of the land mass of Hawai'i Island.



THREE
MOUNTAIN
ALLIANCE

Land Manager

-  Kamehameha Schools
-  Office of Hawaiian Affairs
-  State Department of Public Safety
-  DOFAW - Forest Reserve
-  DOFAW - Game Management Area
-  DOFAW - Natural Area Reserve
-  DOFAW - Sanctuary
-  The Nature Conservancy
-  US Fish and Wildlife Service
-  US National Park Service



Ceratocystis Wilt of Ohia or Rapid Ohia Death

- Reported only on Hawaii Island
- Quarantine in effect: Restricts the movement of Ohia plants and plant parts inter-island



2011



2015



2008



2012



FY 17 DOFAW Budget Requests

Aloha + Natural Resources

- Wildfire
- Kure and Kawainui Sanctuaries
- Public Access/Na Ala Hele
- Endangered Species

Watershed Initiative CIP

Hilo Forest Reserve CIP

Equipment & Vehicles

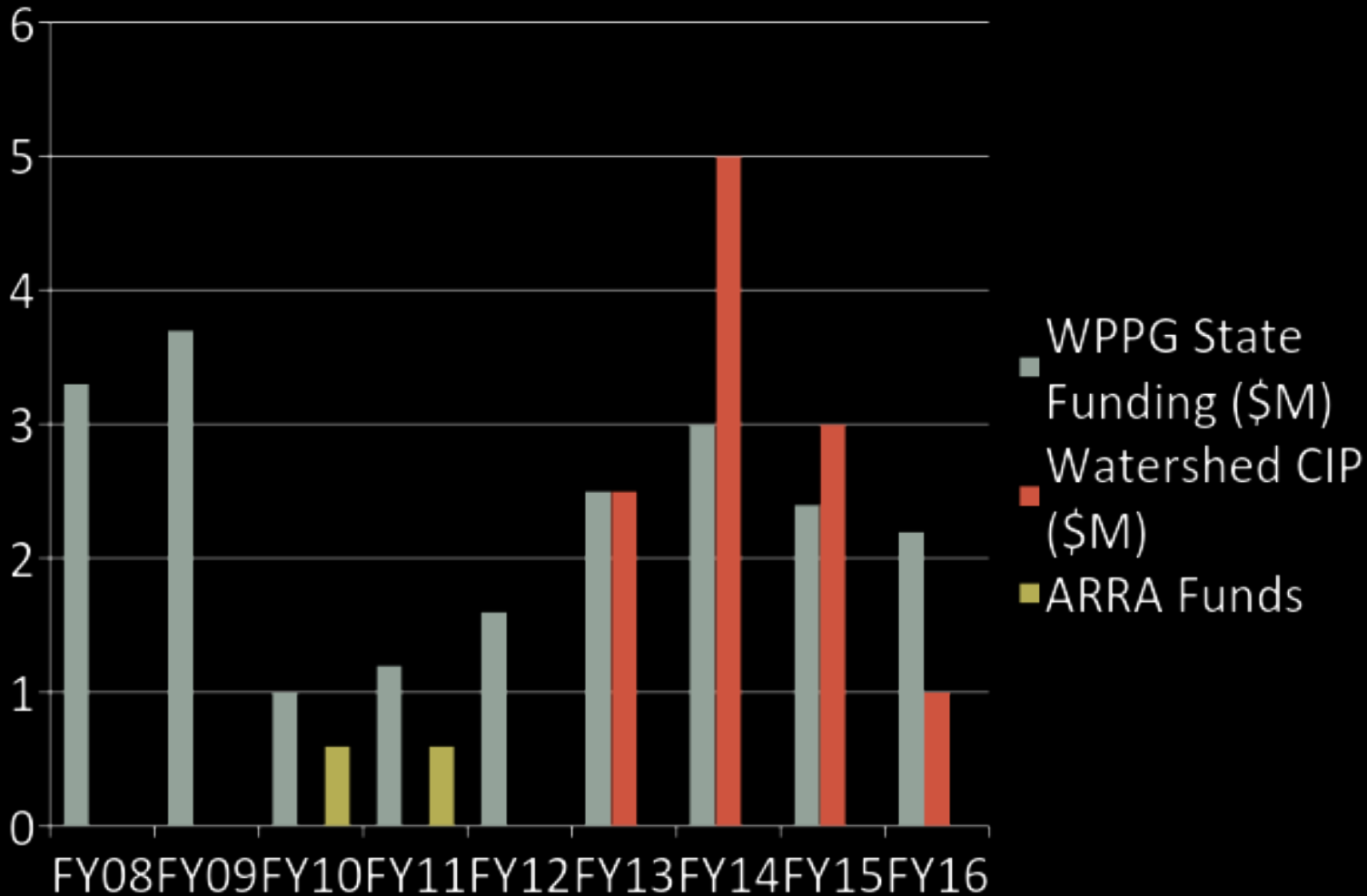
IUCN

Personnel

Ceiling Increases

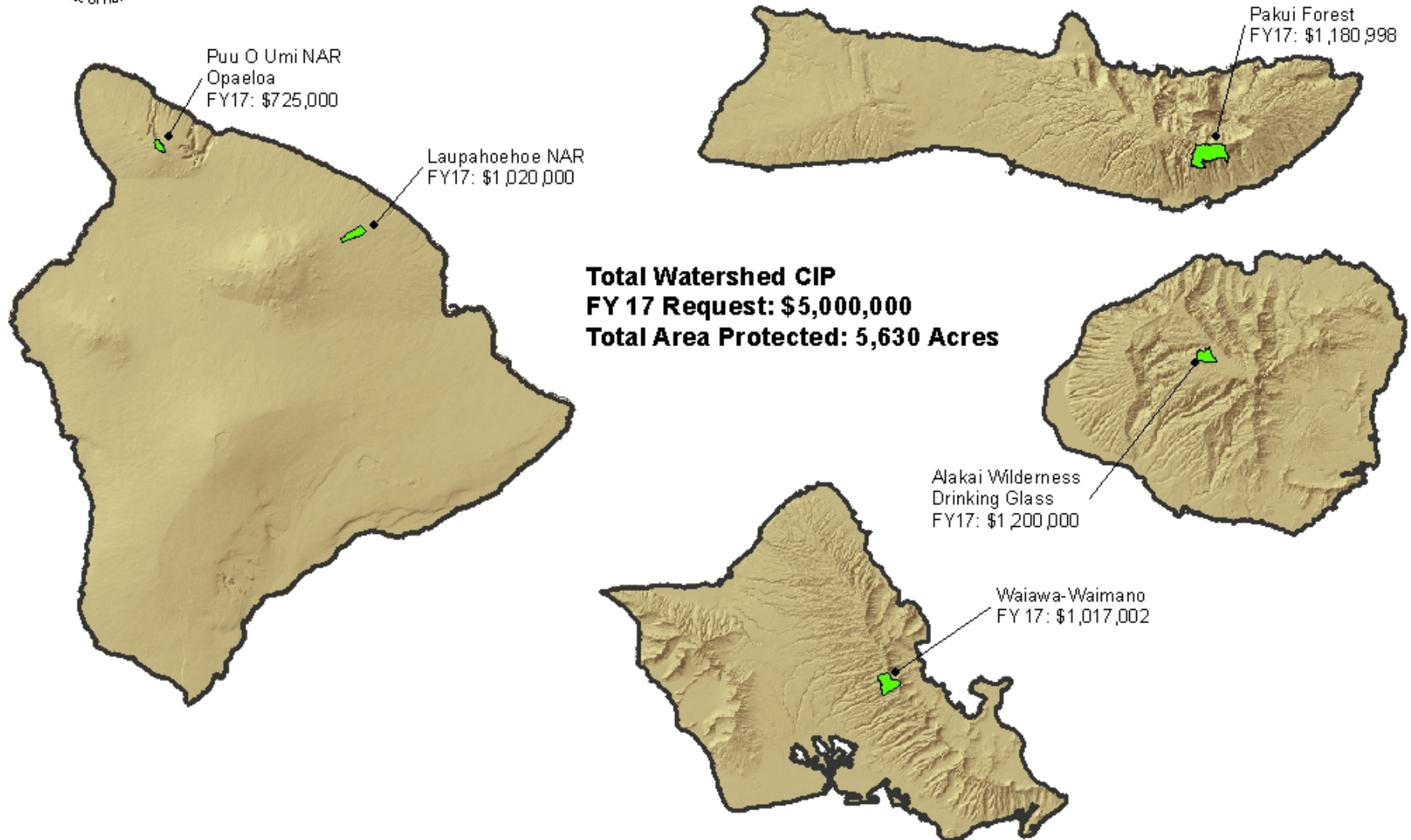


DOFAW's Watershed Partnerships Program and State Funding





Watershed CIP FY 17



**Total Watershed CIP
FY 17 Request: \$5,000,000
Total Area Protected: 5,630 Acres**





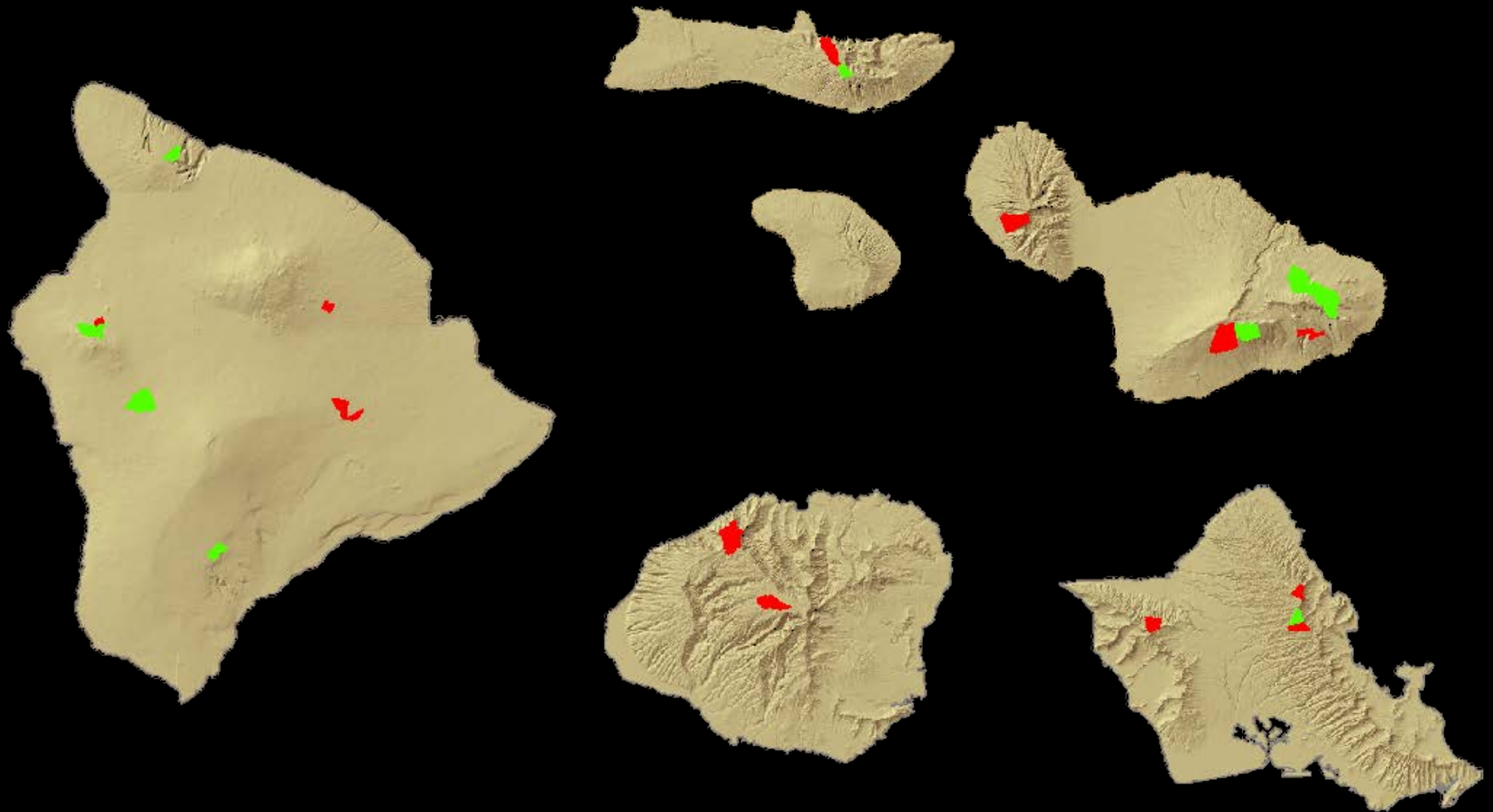
Watershed CIP FY 13-16



25,000 Acres Completed

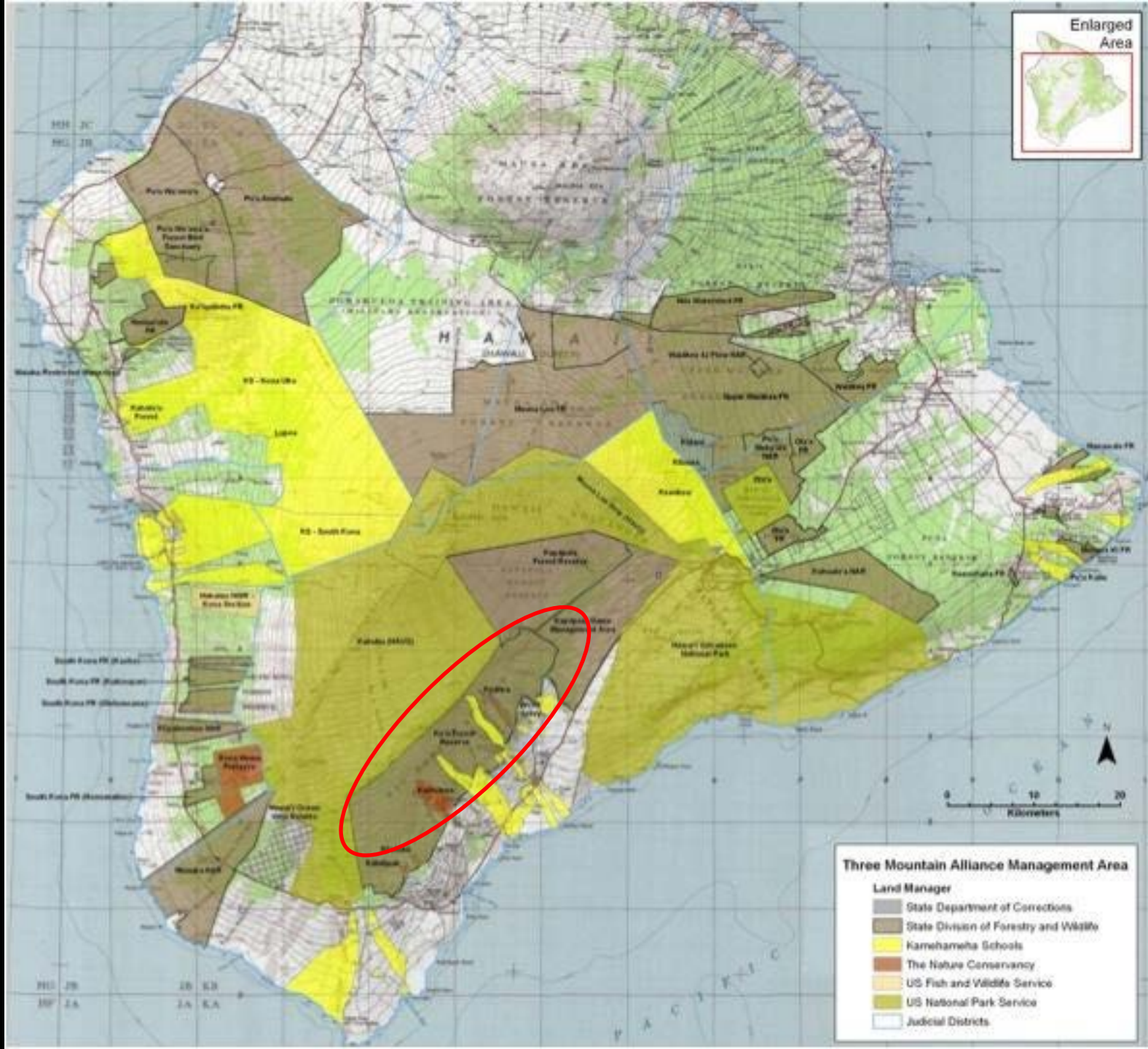


21,000 Acres Under Construction





Enlarged Area



Three Mountain Alliance Management Area

- Land Manager**
- State Department of Corrections
 - State Division of Forestry and Wildlife
 - Kamehameha Schools
 - The Nature Conservancy
 - US Fish and Wildlife Service
 - US National Park Service
 - Judicial Districts

Hawaii Volcanoes National Park
Kahuku

Hoihi Wai

Kau Forest Reserve





Plot 5 Kahuku
North to South
2/22/2013



Artwork by P. Ching

MEET THE 'ALALĀ



- **Native to Hawai'i**
- **Very intelligent**
- **Loudest bird in the forest, makes incredible human-like cries, screams and moans.**



RELEASE



RELEASE GOALS

Establish a wild, self-sustaining population of 'alalā

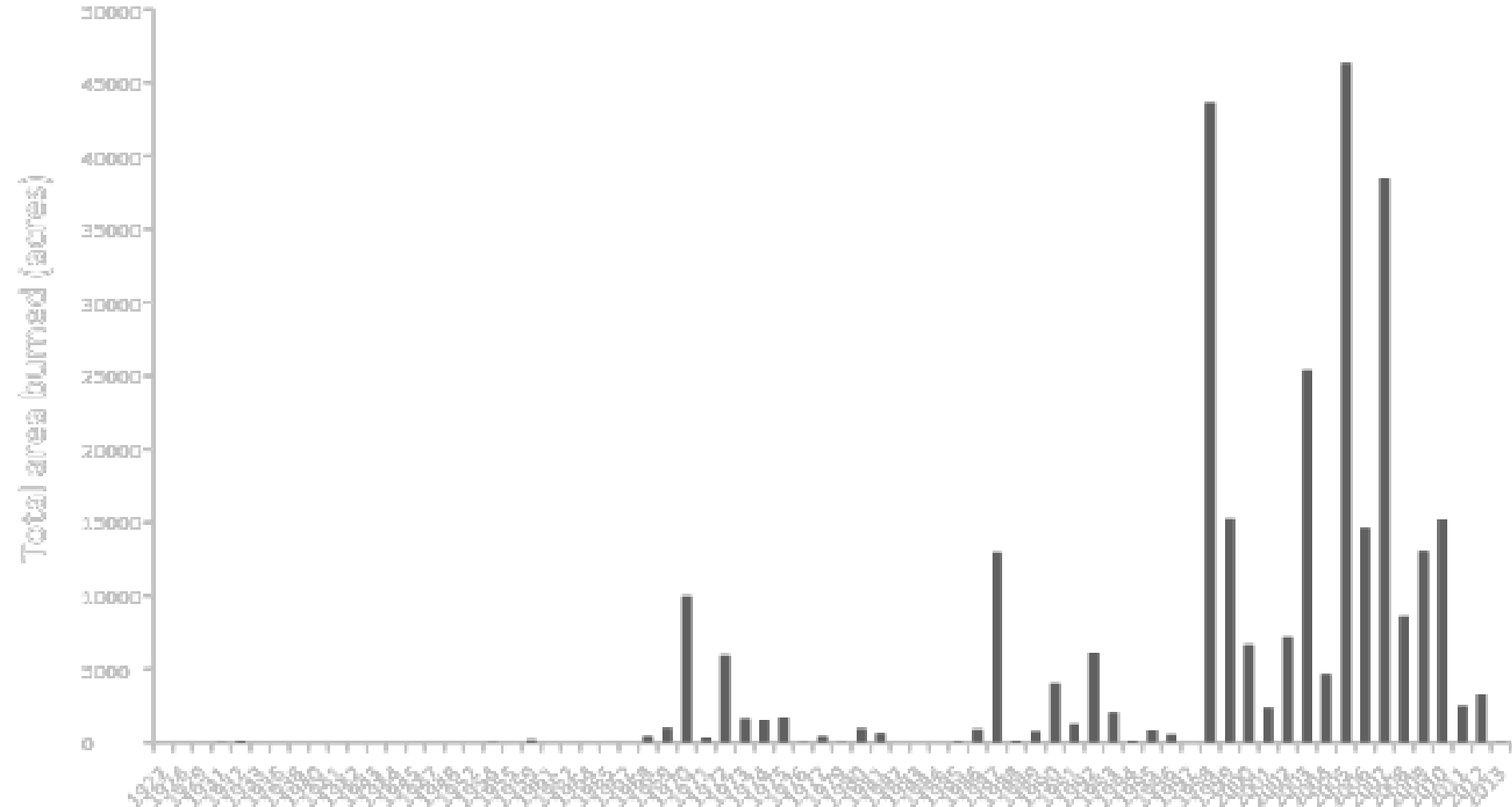
A successful reintroduction will require habitat management, predator control, management of captive 'alalā, release of birds, and post-release monitoring.

Success of the reintroduction will rely heavily on public support, outreach, and education.



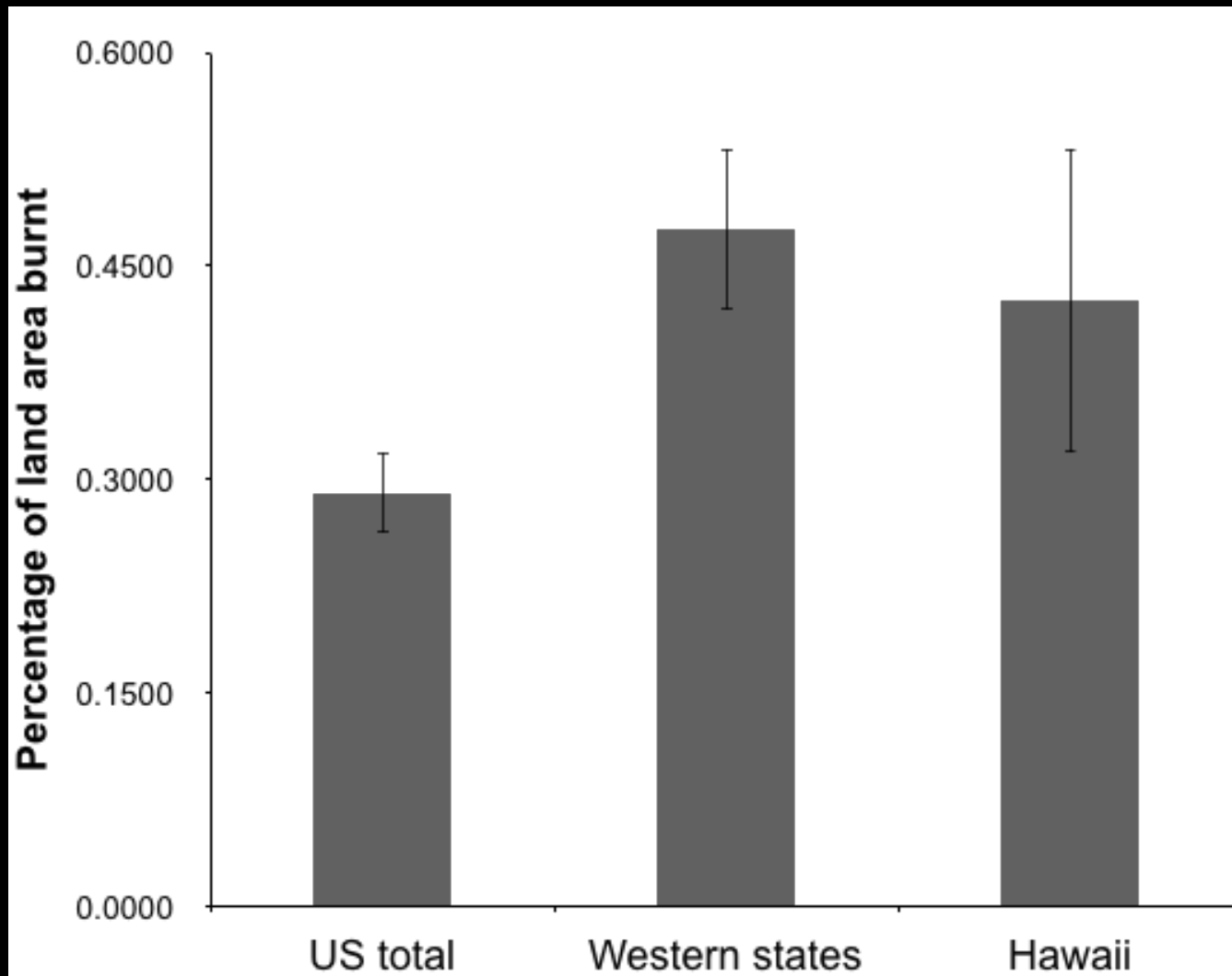


Wildfire's increasing trend



Data from Trauernicht, University of Hawaii Extension

The national context





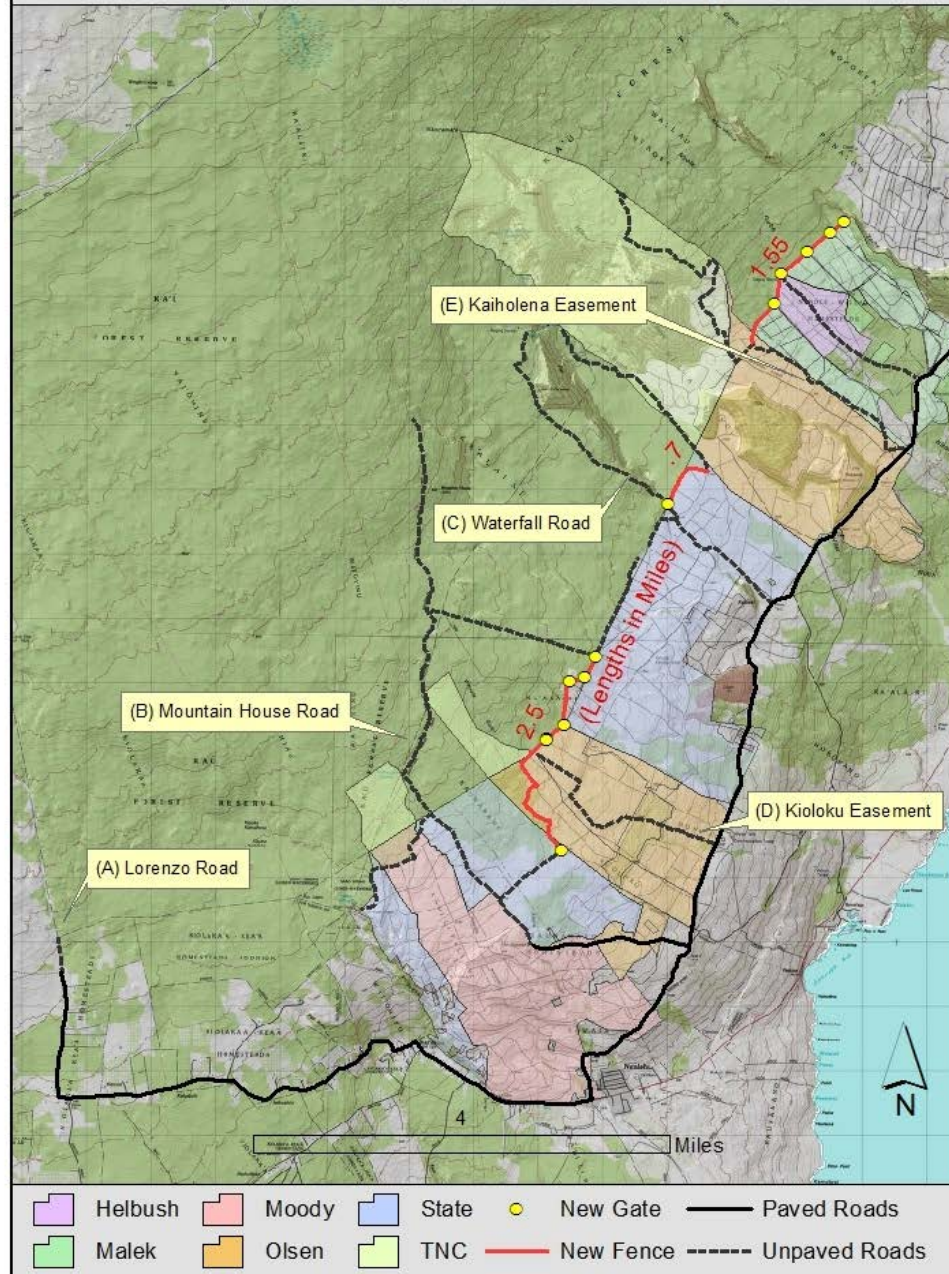


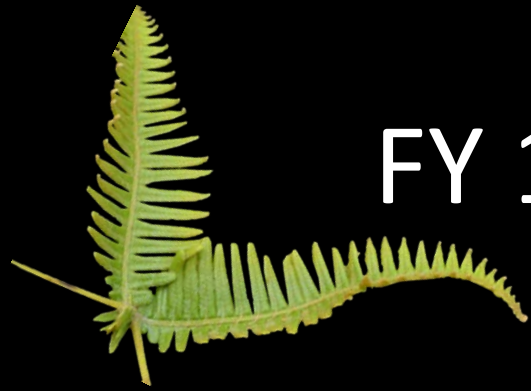
Forest Access and Use



Naalehu Forest Access Plan

Land Ownership - Hunter Access - Project Area





FY 15 Accomplishments



127,701
Acres protected
from
hooved animals



81,009
Trees and shrubs planted



65,000
Hours of youth
intern service



17,660
Volunteer hours donated



800+
Miles of trails and roads maintained



Photos: Elyse Butler







The history of the people of Hawaii is written on the land.

I hope this place in the future will show that we took care of it.

I hope we will be able to show people how it is instead of telling people how it was.

- Kualii Camara