



# *The Rain Follows the Forest Legislative Briefing*

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Administrator  
March 10, 2014

*Photo: Air Mani*











# Evidence of Climate Change

## Lake Waiau January 2012

Volume 2718 m<sup>3</sup>



Photo Credit: Office of Mauna Kea Management

## Lake Waiau November 2013

Volume <3 m<sup>3</sup>

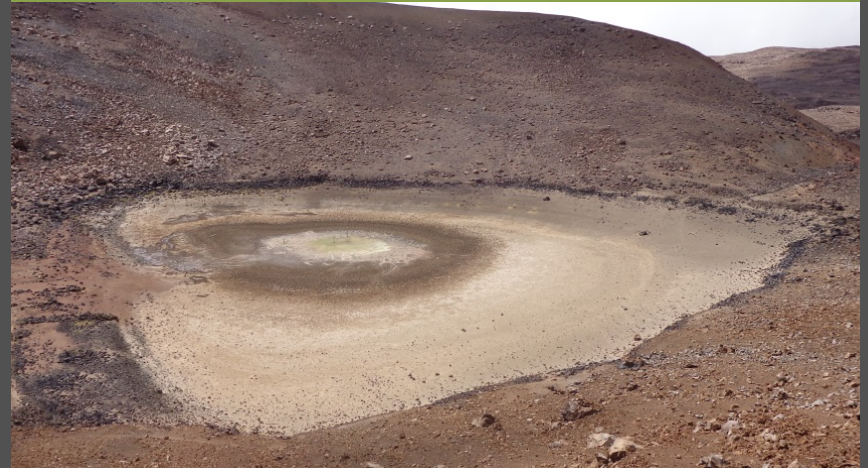


Photo Credit: Office of Mauna Kea Management





# Carbon Storage

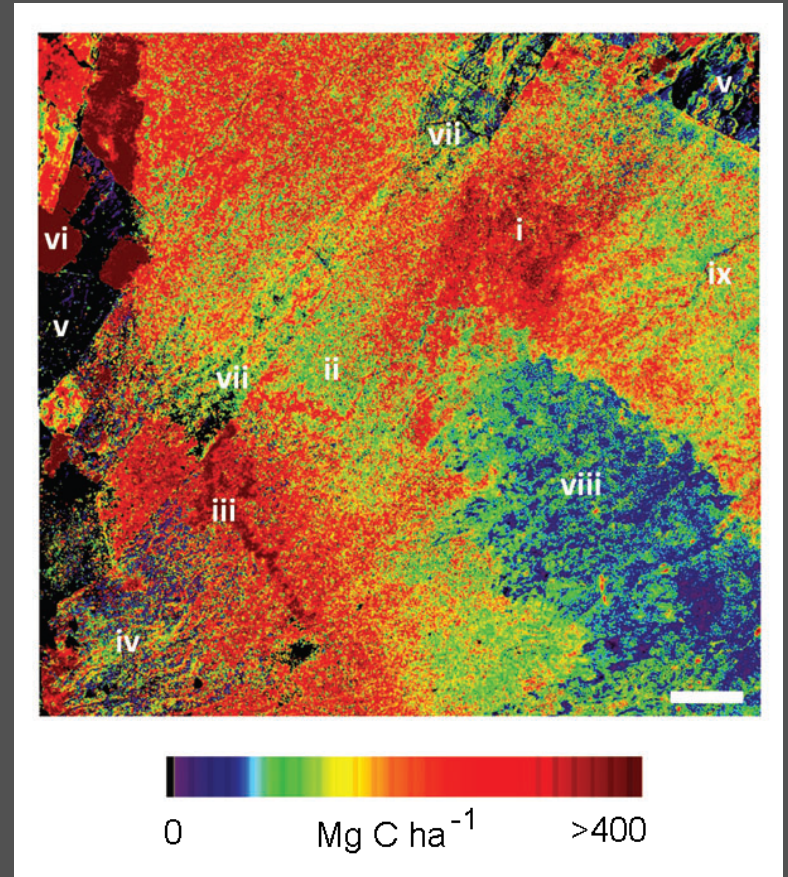
Forests store carbon



Invasion or degradation  
of forests





Greenhouse gases  
released

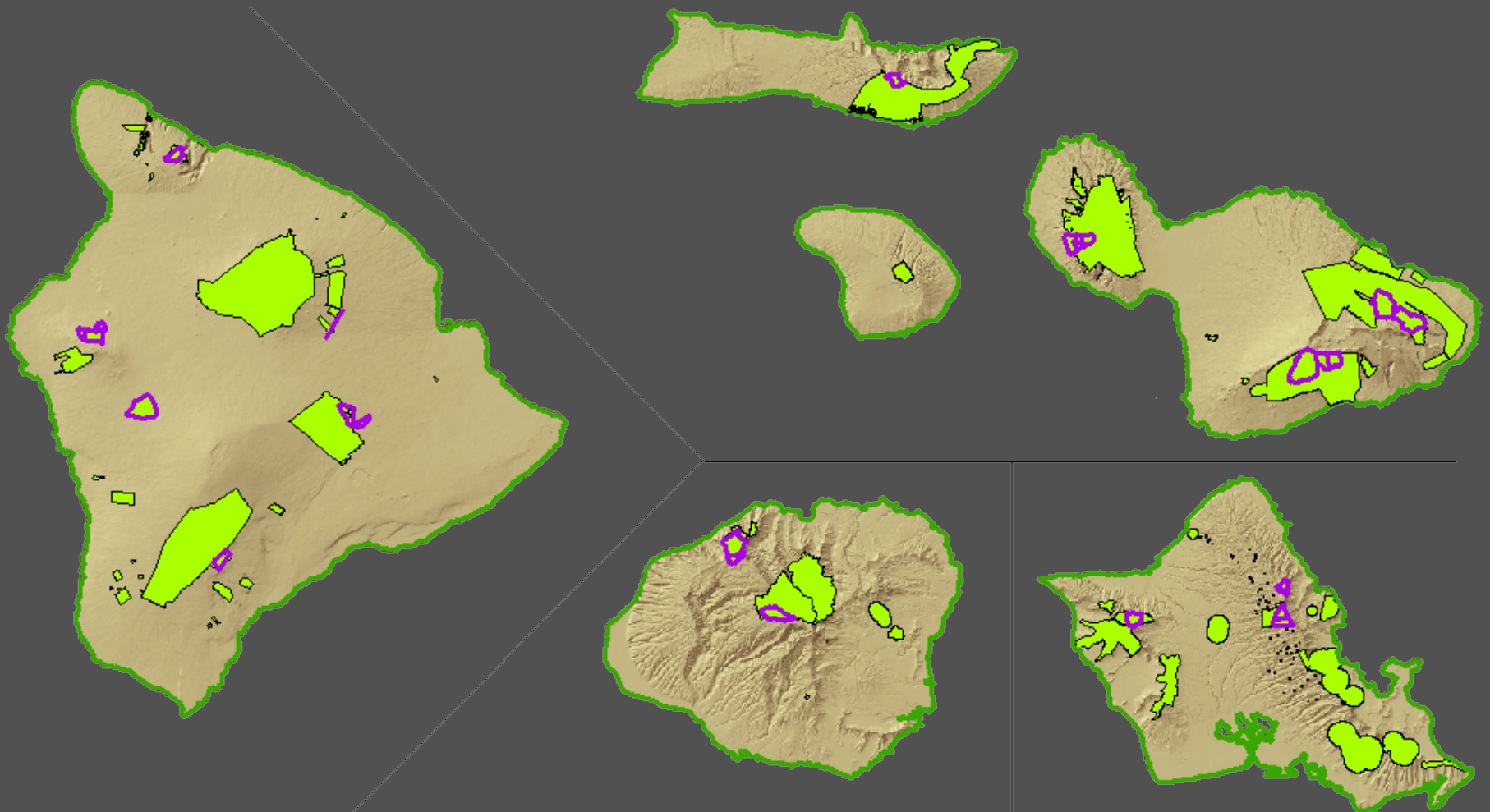


Asner, G. P., R. F. Hughes, T. A. Varga, D. E. Knapp, J. Jacobson, T. Kennedy-Bowdoin, J. K. Clark, 2011. High-Resolution Carbon Mapping on the Million-Hectare Island of Hawaii. *Frontiers in Ecology and the Environment*. DOI 10.1890/100179



-  New protective fences
-  Invasive plant control and other ongoing management

# RFF funds critical forest management



38,000 acres protected by new fences  
487,000 acres managed



# Management

## *Invasive Species Control*





# Management

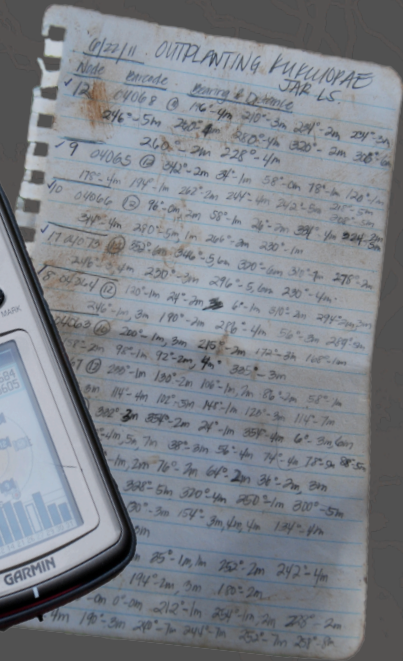
## Fire Control





# Management

## Monitoring





# Management

## Fencing



Before

After





# Management

# Outplanting





# Management

## Outreach & Education



## Kauluwehi 04.19.2014 lei contest

A juried lei contest featuring traditional and contemporary categories. An opening reception and awards ceremony will be held at **Waioalo Arts and Cultural Center** on **April 19th**, the evening of lei submission from 5pm-7pm. **Everyone welcome!**

Entries Due on April 19th between 8am - 11am at Waioalo Arts and Cultural Center. See prospectus for details. For prospectus and entry forms visit us online at <http://dlnr.hawaii.gov/dofaw/education/kauluwehi/> or email Anya Tagawa [anya.h.tagawa@hawaii.gov](mailto:anya.h.tagawa@hawaii.gov)



**lei workshops** | March 8TH  
April 5th  
**\$10 Workshop Fee - Materials Included**  
**Registration Required | Ages 12 & UP**

Registration Deadlines: March Workshop: FEB 28 | April Workshop: MAR 21

Learn sustainable picking practices, traditional lei styles, and enjoy the sights and sounds of beautiful native ecosystems.

To register or for more information contact Anya Tagawa at: [anya.h.tagawa@hawaii.gov](mailto:anya.h.tagawa@hawaii.gov) | [hawaii.gov 443-4245](tel:8084434245)

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# Access and Acquisitions Program





# Reducing Runoff

Removal of hooved animals



Native plant recovery



Erosion reduction

6 tons/year to 2 tons/year



Coral reefs protected





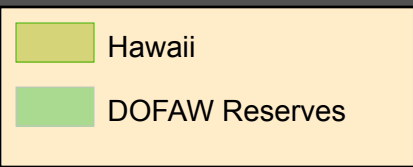
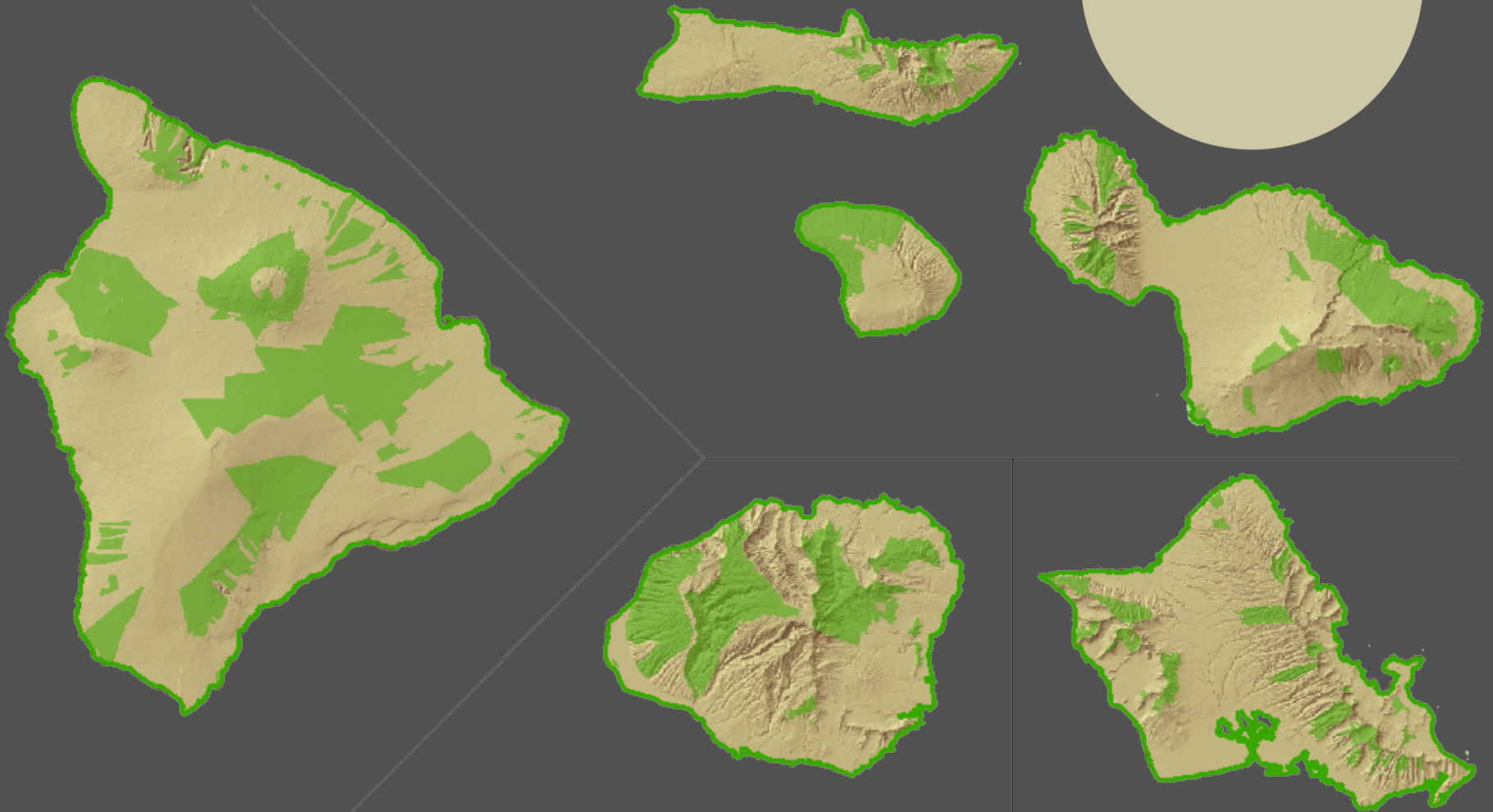
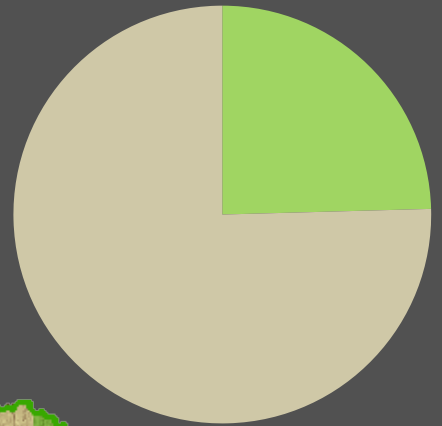
# Division of Forestry and Wildlife

- Largest line division within DLNR
- Oldest Forest Management Agency in USA (1903) and 11<sup>th</sup> largest
- Manage Nearly 1 Million Acres
  - Forest Reserves, NARS, Wildlife Sanctuaries, GMAs, Endangered Species
- Nearly 1/3 of all listed species in USA on 2/10 of 1% of land area





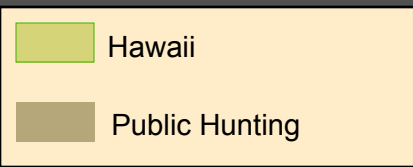
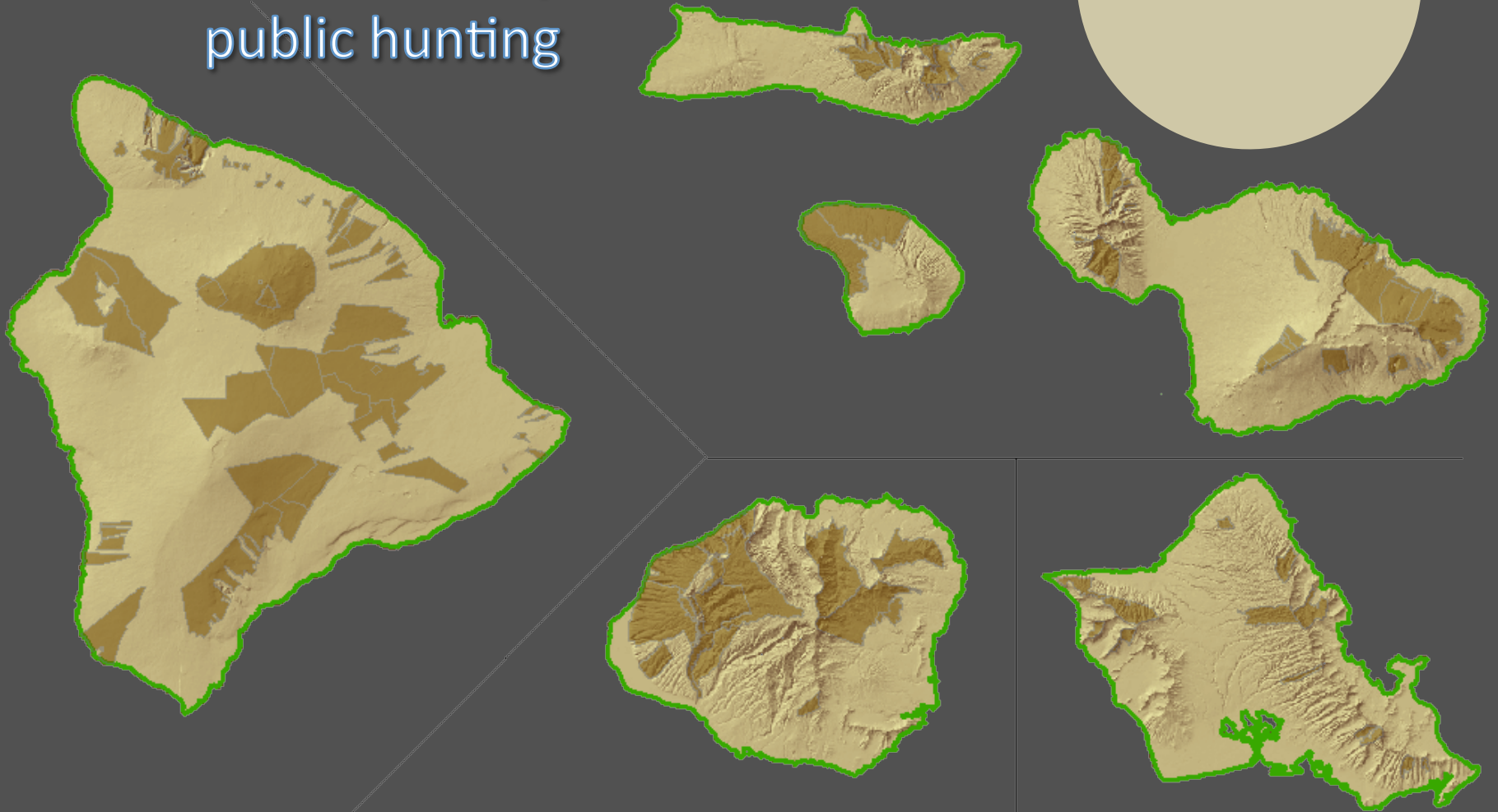
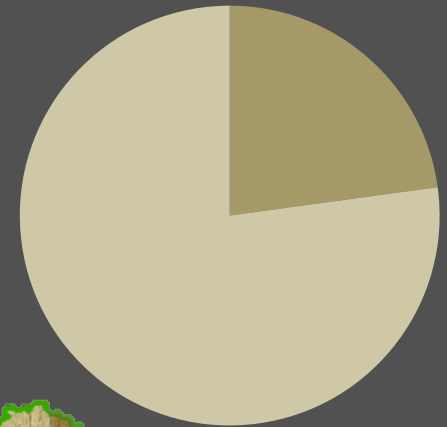
# 24.6% of land statewide is managed by DOFAW



1000879 acres of the state is managed by Dofaw  
4073725 acres of land in the state  
24.6% of the state is managed by Dofaw



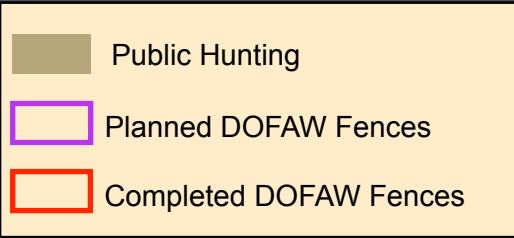
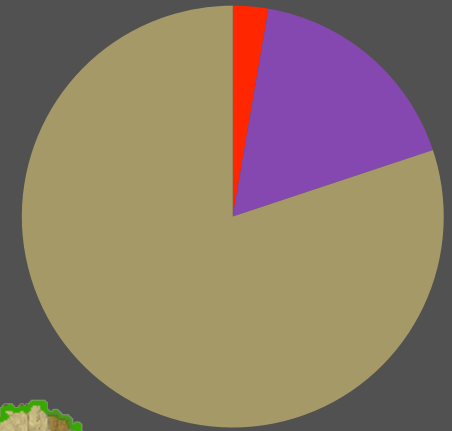
# Nearly 90% of DOFAW land statewide is open to public hunting



930491 acres of the state is designated for public hunting  
4073725 acres of land in the state  
22.8% of the state is public hunting



2.7% of public hunting land is fenced  
17.2% is planned fencing units  
19.9% total



25173 acres of Public Hunting land in the state is fenced  
159970 acres of Public Hunting land in the state is Planned Fencing Units  
930491 acres of the state is designated for Public Hunting  
19.9% of Public Hunting land in the state is Planned/Fenced Units









*Our obligation is to  
the next  
generation.....*







*Mahalo*