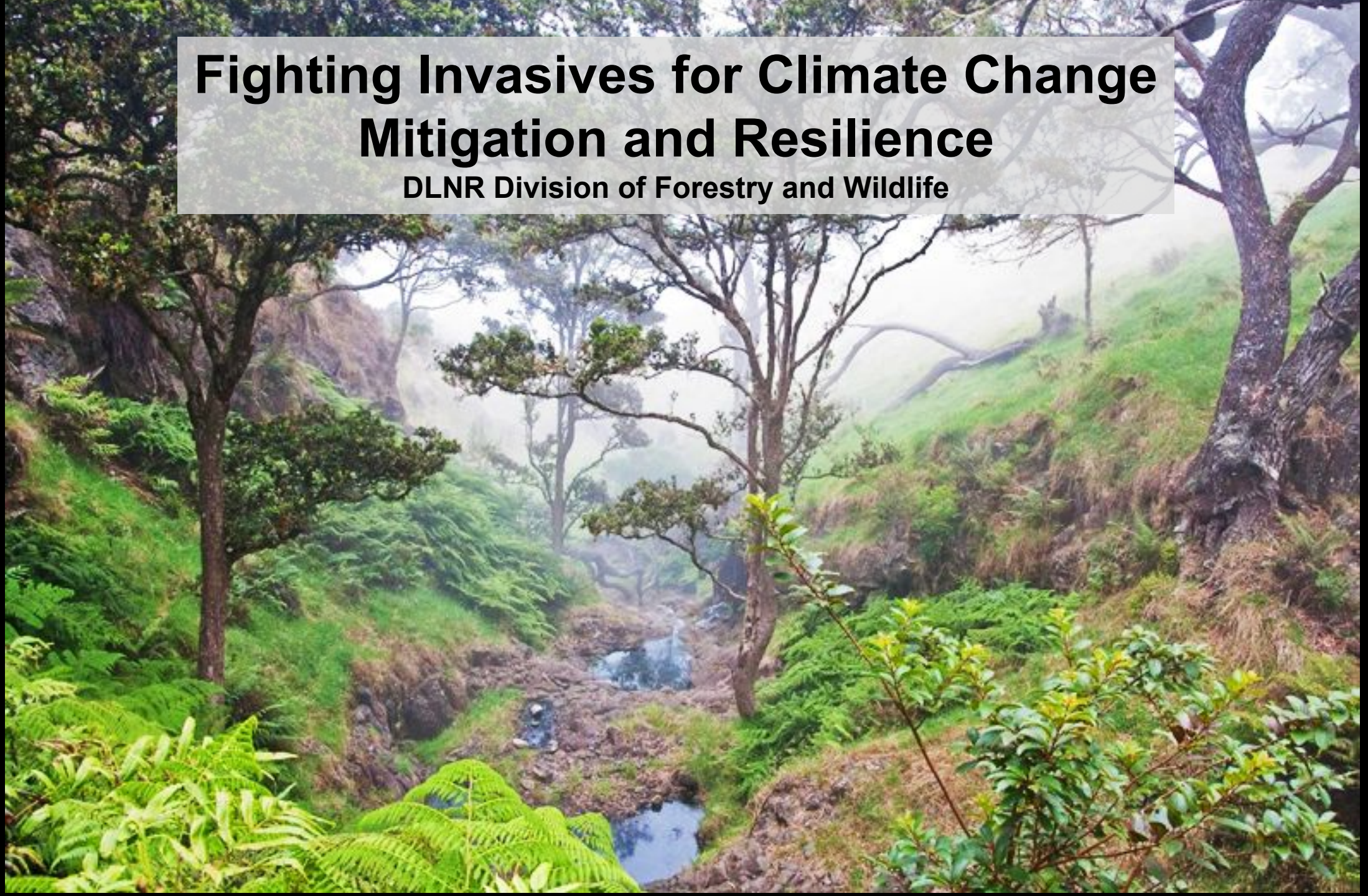
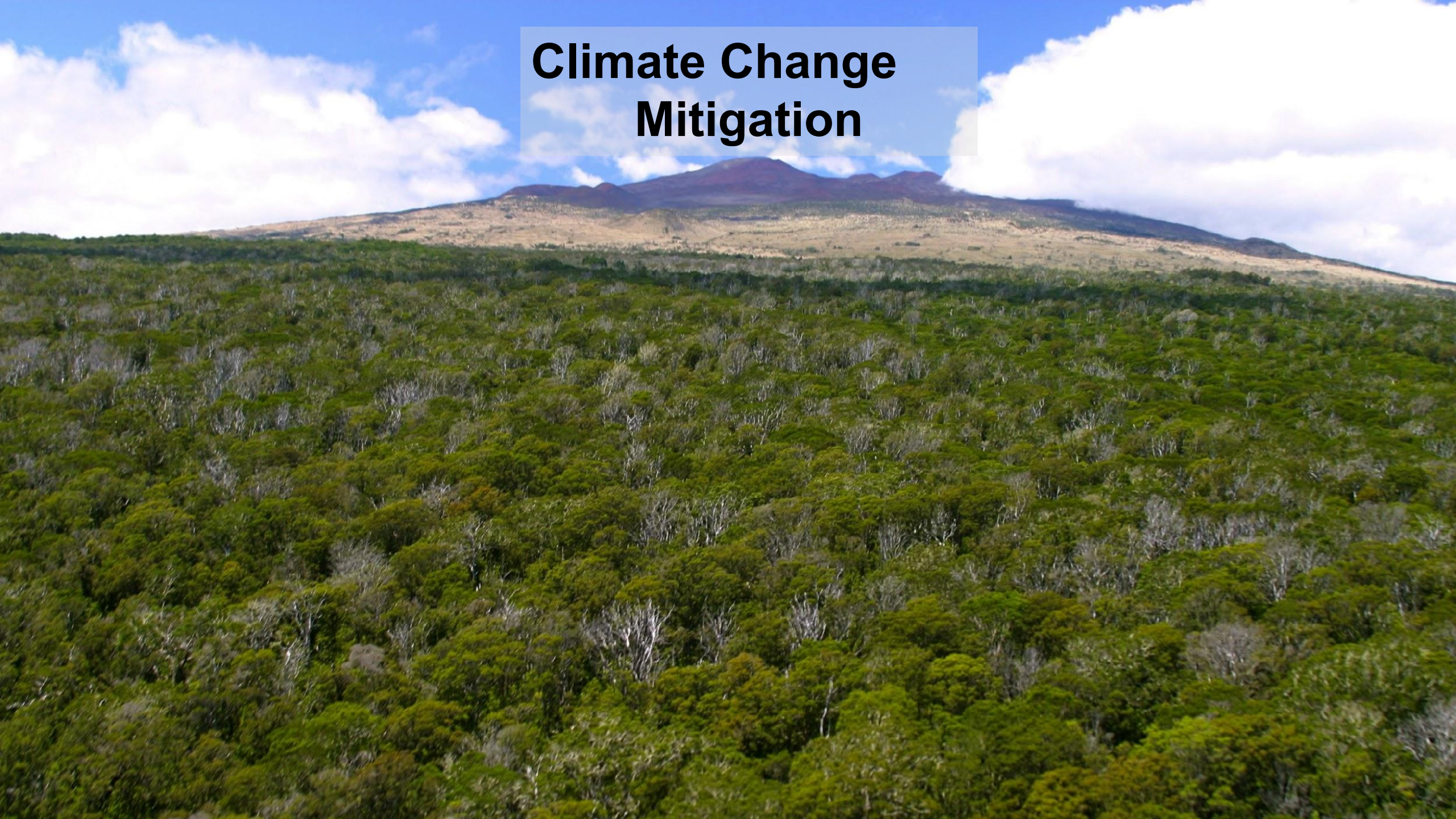


Fighting Invasives for Climate Change Mitigation and Resilience

DLNR Division of Forestry and Wildlife



Climate Change Mitigation



**Invasive hooved
animals reduce
carbon storage**



**Hooved animals + Grasses →
Grassland → Emissions**





**Hooved animals + Grasses →
Grassland →
Wildfires →
Emissions**

A photograph of a dense mangrove forest. The trees have characteristic prop roots that are reddish-brown and hang down from the canopy. The foliage is lush green. In the center of the image, a large, bright green umbrella fern stands out against the darker background of the mangrove trees.

**Native Forest → Strawberry
guava → Emissions**

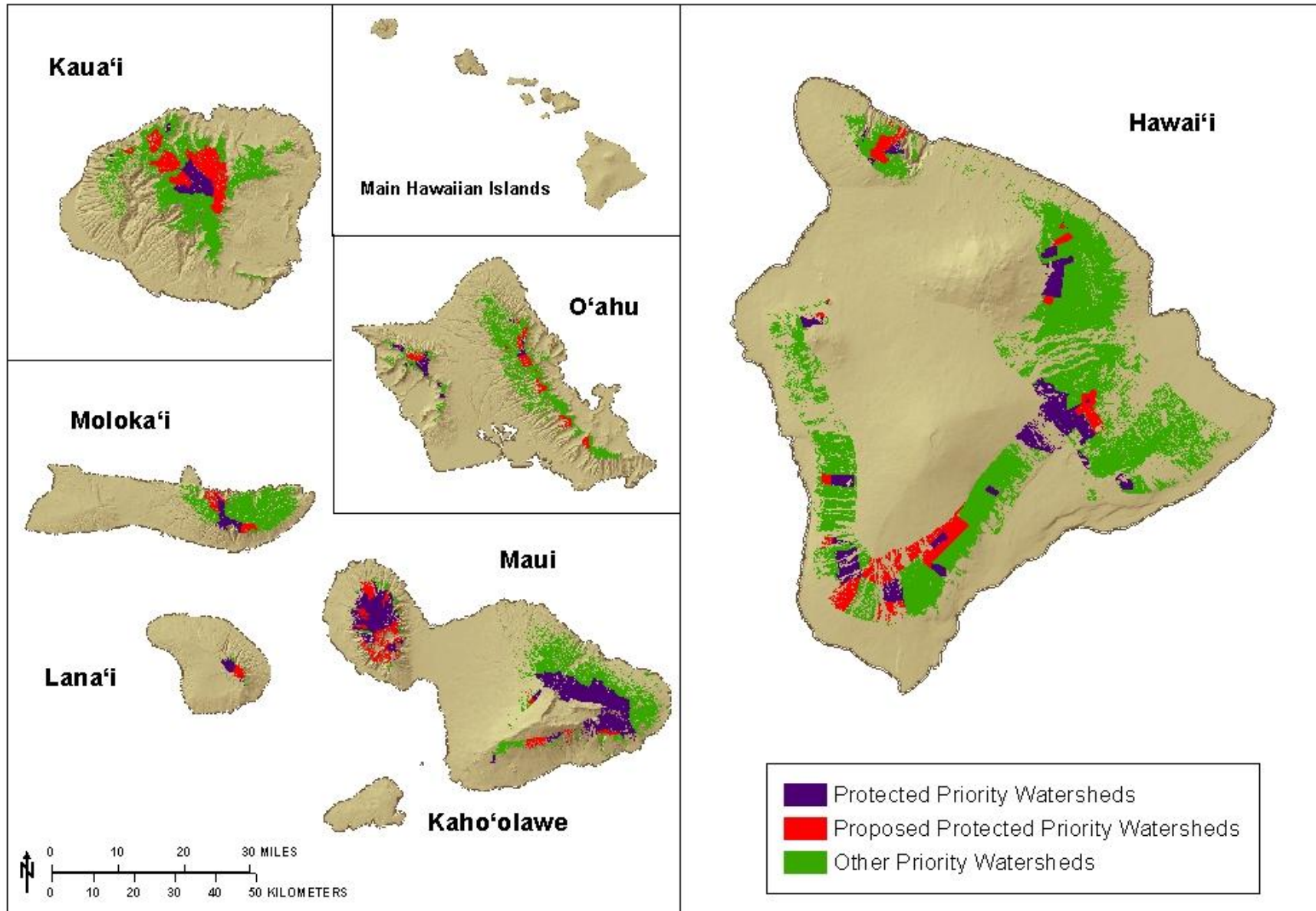
Prevent deforestation

A landscape photograph showing a clear boundary between a dense forest on the left and a cleared, grassy area on the right. A white car is parked in the cleared area. The background features rolling hills under a clear blue sky.

Immediate impact

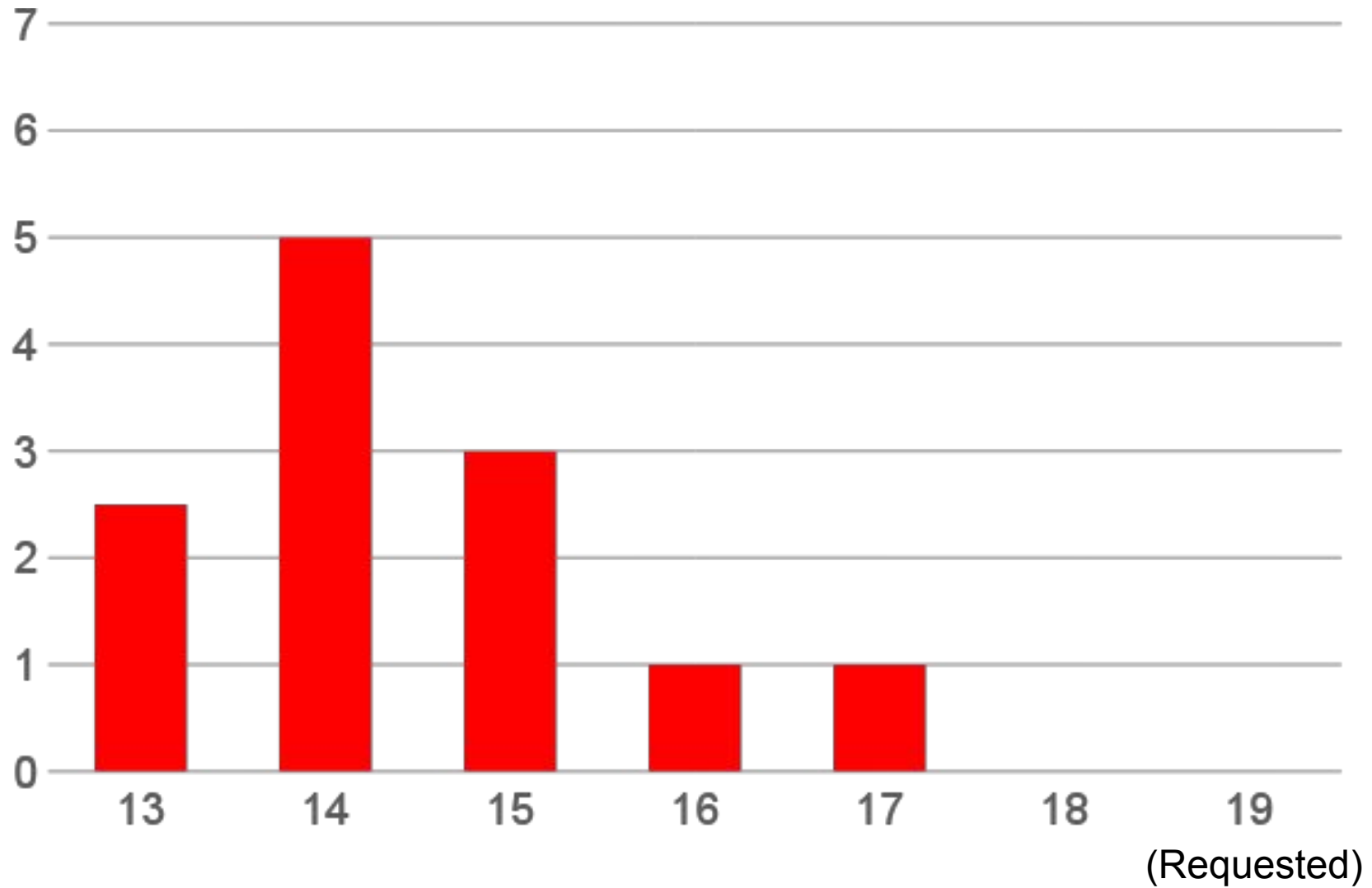
Protect 30% of forests by 2030

30x30 Watershed Plan



Features approximate and subject to change. DOFAW587-4170.

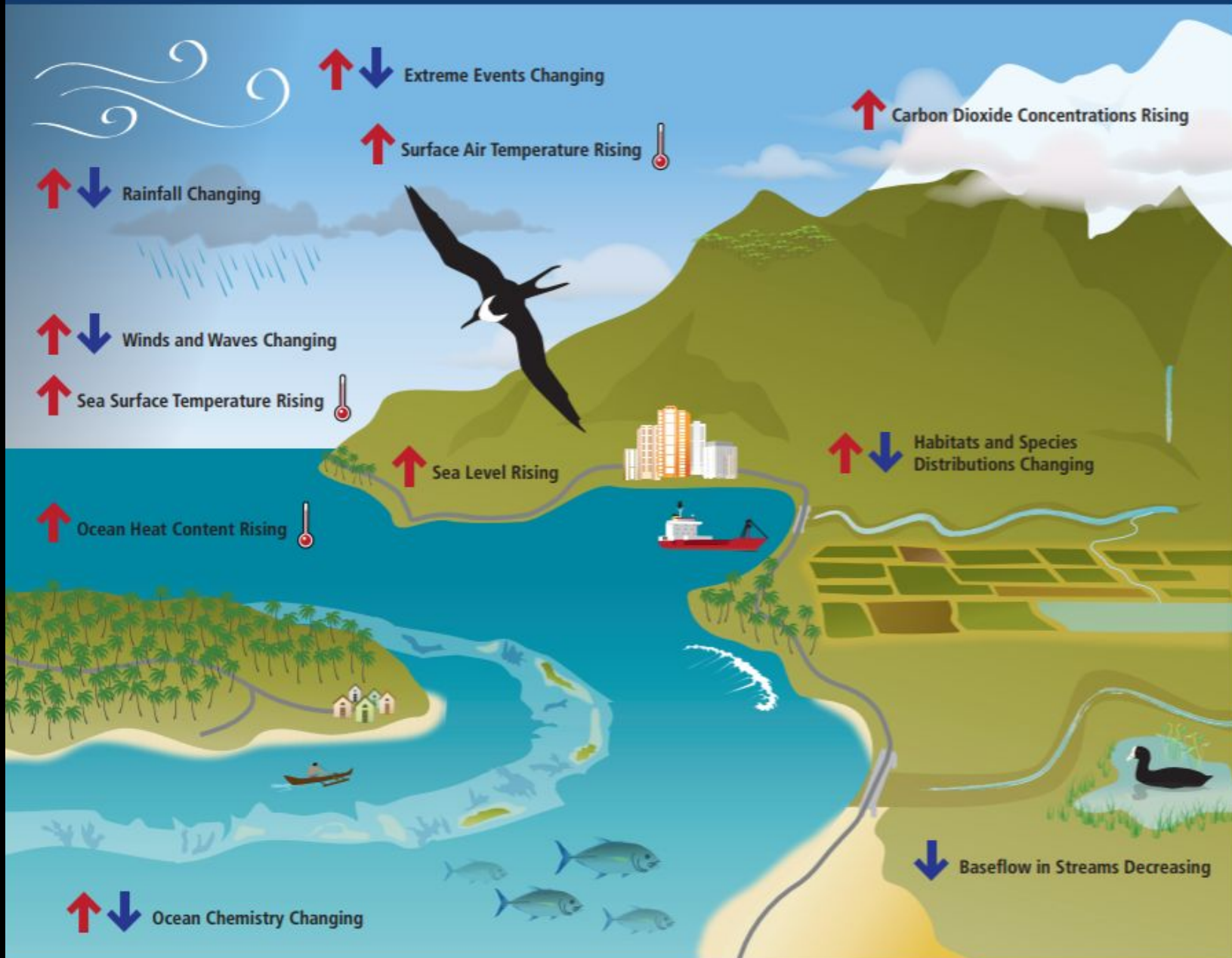
Watershed CIP Funding (\$m) FY13-19



Climate Change Resilience

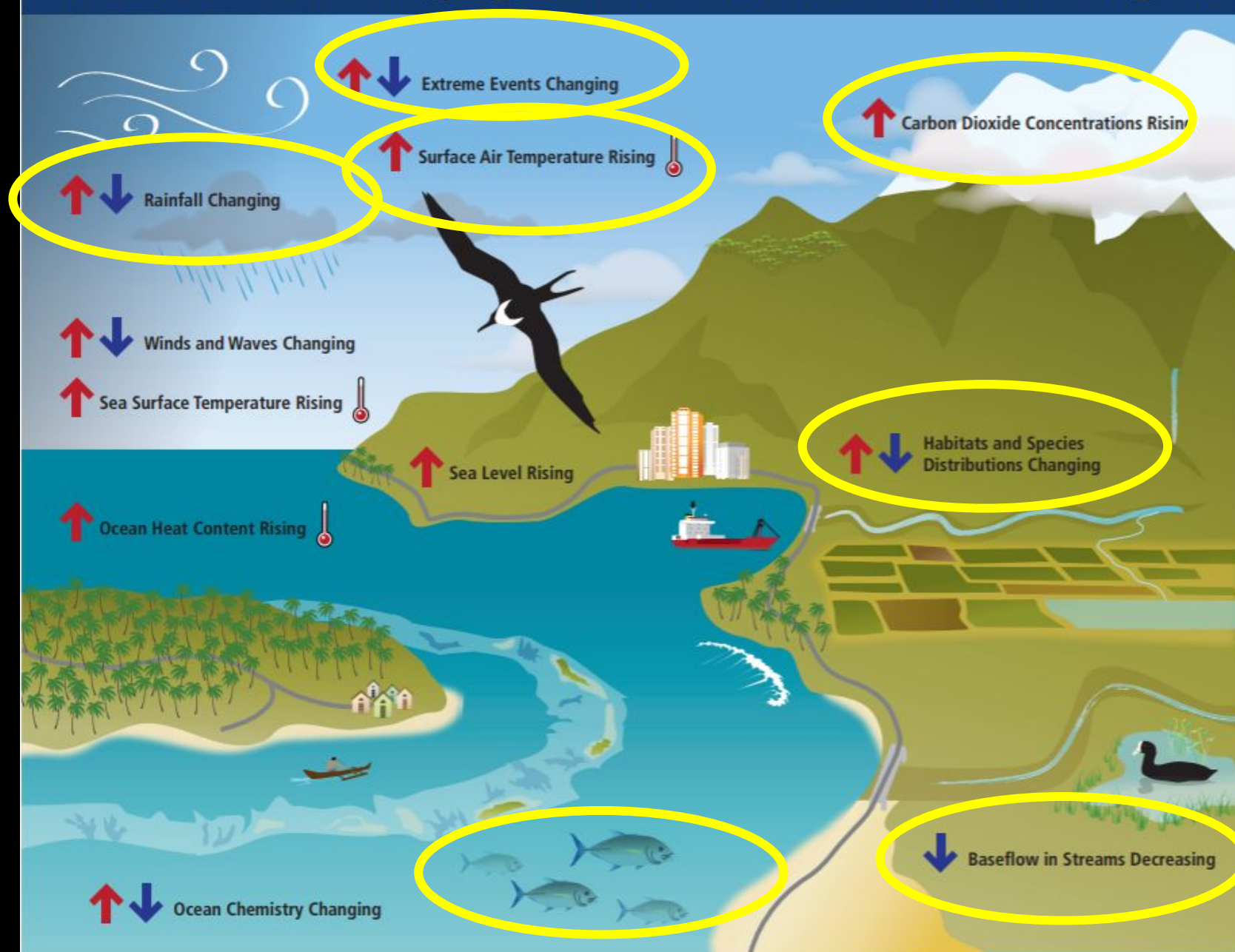


Indicators of a Changing Climate in the Pacific Islands Region



Courtesy Susan Yamamoto, Geovision. Adapted from "Ten Indicators of a Warming World," in NOAA National Climatic Data Center, State of the Climate 2009 [report].

Indicators of a Changing Climate in the Pacific Islands Region



Forests = Fresh Water



Elyse Butler



Nate Yuen



Photo: Trip Savvy.com



**Flooding and
sedimentation
smother coral reefs**

Photo: Save Honolulu Bay

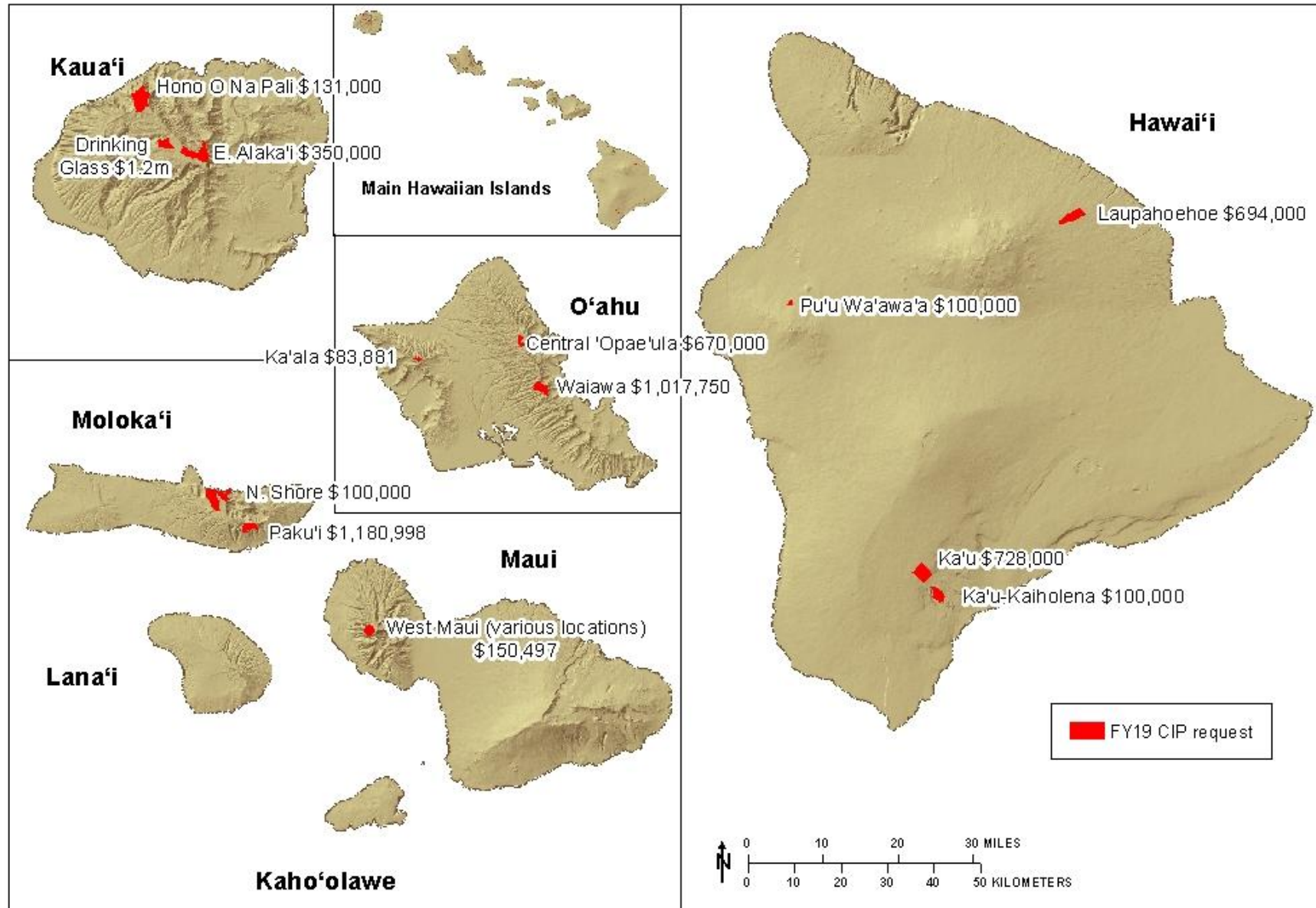
Native habitat



Invasive Species Magnify Climate Change Effects



FY 19 Watershed CIP Requests



Features approximate and subject to change. This is a carryover of Watershed CIP lump sum that was requested in FY18.



**Native ecosystem
recovery: \$500,000**

A photograph capturing a wildfire scene. In the foreground, two firefighters in yellow gear stand on a dirt path. The middle ground shows a dense line of trees and brush, with a large fire burning in the distance. The sky is filled with thick, grey smoke and large, billowing clouds. The overall atmosphere is hazy and dramatic.

Fire: \$200,000

Legacy Land Acquisitions

