



United States Department of Agriculture

USDA - WILDLIFE SERVICES

Barbara Rowe

Hawai'i Conservation Conference

July 2021

Wildlife Services Goal and Vision

Help find solutions to human-wildlife conflicts and improve the coexistence of people and wildlife



Protecting
People



Protecting
Agriculture



Protecting
Wildlife

Aviation

Disease Monitoring

Biosecurity

Crop Protection

Feral Swine

Predator Control

Nene & Albatross

What is a Wildlife Biologist



Study and
manage
wildlife



Research:
Species,
Populations,
Issues and
problems



Interdisciplinary



Human - wildlife
conflict

Fields of Study

- Biology
- Zoology
- Botany
- Ecology
- Genetics



- Conservation Biology
- Natural Resources
- Agriculture
- Forestry
- Entomology
- Ornithology
- Geography
- Statistics
- Wildlife Management



Things to Consider – when assessing conflict issues

- Habitat
- Species
- Resources
 - Food, Shelter, Water
- Species Status
 - Threatened and Endangered
 - Native, Non-native, Naturalized, Migratory
 - Indigenous, Endemic, Invasive

Tools & Techniques

- Identification
 - Visual/ Vocalizations
 - Signs- Tracks and Scat
- Management
 - Hazing and Dispersals
 - Trapping
 - Removal or relocation
 - Habitat
- Research
 - Populations studies
 - Wildlife Hazard Assessments
 - Necropsies
 - Radio/Satelite GIS tracking
 - Mapping



United States Department of Agriculture

The background of the slide is a repeating pattern of light blue line art illustrations of various agricultural products, including corn cobs, wheat stalks, and other crops.

OUR WORK

Aviation



BIRDSTRIKES COMMON BARN OWLS 2014 THROUGH 2020



Damage from birdstrike

Agriculture and Crop Protection

Rose-ringed Parakeets



FLIR image

Feral Swine



Crop damage from feral swine



Disease Monitoring



Biosecurity



Significant reduction of Brown treesnakes



Conservation & Predator Control

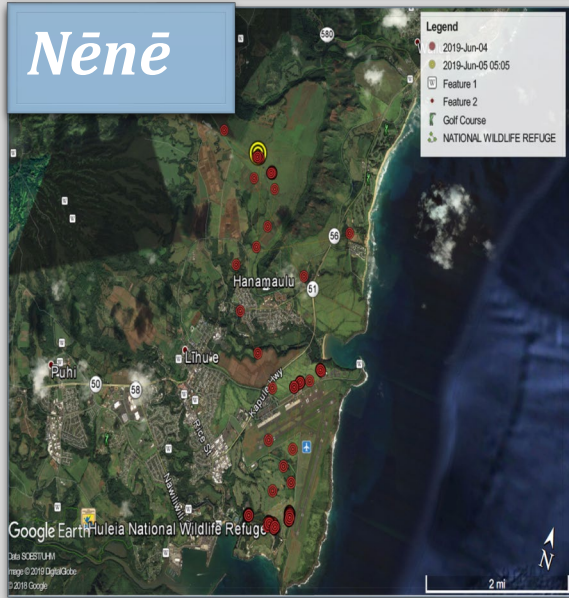


*Egg predation of
Hawaiian stilt*

Predator control



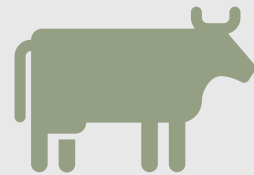
Nene/Albatros Programs



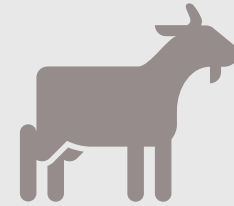
Other



Deer



Feral cattle



Feral goats

Working with federal, state, and local agencies, as well as military, private groups, and individuals to protect resources in Hawai'i and the Pacific



Collaborations and Partnerships



Research Based



Adaptive and Integrated

USFWS
HDOT
UH

DOFAW
HDOA
NRCS

FAA
DOD

National Wildlife Research Center



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