



CENTER FOR
COASTAL & CLIMATE
SCIENCE & RESILIENCE

SERVES TO:

- ✓ Support research in coastal and climate sciences and promote access to the best available science for decision makers
- ✓ Increase coastal community resilience to natural hazards and adaptation to climate change
- ✓ Improve conservation and management of coastal resources

RESULTING IN:

Resilient coastal communities that are better prepared for the impacts of natural hazards and climate change



SIGNATURE PROJECTS

HAWAI'I CLIMATE ADAPTATION INITIATIVE

Hawai'i Sea Grant is supporting the development of
HAWAI'I'S FIRST SEA-LEVEL RISE VULNERABILITY AND ADAPTATION REPORT
which will be released in
DECEMBER 2017

BUILDING RESILIENCE TO COASTAL HAZARDS AND CLIMATE CHANGE IN HAWAI'I

To help increase resilience and understanding of impacts from sea-level rise, Hawai'i Sea Grant is completing:

- A web-based Hazard Exposure and Vulnerability Mapping Tool
- Guidelines for Integrating Coastal Resilience into Existing Planning Frameworks
- Guidelines and Training for Post-Disaster Rebuilding and Recovery



SEA LEVEL HAS RISEN OVER THE LAST CENTURY ON EACH ISLAND AT RATES VARYING FROM 0.5-1.3 INCHES PER DECADE


As sea-level rise accelerates and climate and ocean conditions change, it is becoming **INCREASINGLY IMPORTANT** for island communities to develop policies and implement strategies that *reduce vulnerability* and *increase resilience* to natural hazards.



HAWAIIAN ISLANDS SENTINEL SITE COOPERATIVE

Bringing together *science, management,* and *technology* to help communities adapt to climate change.

HAWAI'I AND PACIFIC ISLANDS KING TIDES PROJECT



Members of the general public, or "citizen scientists," contribute photographs documenting the impact of King Tides on coastal resources and infrastructure.