



# HAWAI‘I COASTAL MANAGEMENT

The Hawai‘i Coastal Zone Management (CZM) Program works collaboratively with State, county, and federal partners to provide for the effective management, beneficial use, protection, and development of the coastal zone. The Program seeks to facilitate interagency collaboration towards shared issues and find balanced solutions.



## State Program in Action

Technical Assistance: Facilitated the NOAA administrative process to successfully nominate, select, and designate the 29th National Estuarine Research Reserve Site in He‘eia, O‘ahu, Hawai‘i in January 2017.

Project: “Assessing the Feasibility and Implications of Managed Retreat in Hawai‘i.” Initiated discussions with stakeholder agencies to understand how to address sea level rise & coastal erosion issues coupled with existing development.

Project: “Probabilistic Tsunami Design Zone Maps for the State of Hawai‘i.” Initiated mapping for the Island of O‘ahu, to increase resilience to tsunami hazards through strengthened building design provisions for certain building risk categories.

Project: “Updating Hawai‘i Historical Shoreline Database.” This project models past, present, and future shoreline change to empower CZM network agencies to better assess and analyze shoreline management policies for greater coastal resilience.



*Hawai‘i has 1,052 Miles of Coastline*

## A State-Federal Partnership

As an island state, Hawai‘i is particularly vulnerable to coastal hazards due to its geographic isolation. Additional funding has allowed the program to support projects that seek to address both chronic and episodic hazards. Locally, these initiatives allow the State to support local scientific research and its application to policy. Nationally, the initiatives assist the State to learn from recent disasters on the mainland and analyze how these may apply in Hawai‘i to proactively strengthen resilience efforts to address current hazards and prepare for future events.

**FY18 Federal Funds: \$2,459,651**  
**FY18 State & Local Matching Funds: \$2,308,651**  
**FY18 Total: \$4,768,302**



# HELPING PREPARE FOR COASTAL HAZARDS

The CZM Program and its efforts work with partners to facilitate relationships across agencies and organizations. CZM provides a venue to discuss shared areas of interest and provides opportunities to connect across shared management issues. Through these connections, partners develop sustained relationships that result in better coordination and may develop a better understanding of how to appropriately address shared priorities in Hawai'i.

*"The CZM Program provides a sustained network of participants working towards the management of our coastal resources. Through the connections we've made through the Program's Ocean Resources Management Plan, we will be initiating a coral restoration project in Maunalua Bay, O'ahu that will not only improve the health of the Bay, but also increase the community's resilience to coastal hazards by dampening wave energy and minimizing flood risks. Our understanding of these risks were similarly furthered by Program-facilitated projects and discussions on the subject.*

*-Doug Harper, Executive Director, Mālama Maunalua*

## Looking to the Future

The Hawai'i CZM Program will continue to facilitate interagency collaboration through projects and discussions which seek a balanced perspective in approaching coastal management. The state-federal partnership is essential in providing resources towards the initiatives of the CZM Program, including addressing existing development at risk from coastal hazards, both chronic and episodic.

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