Projects and ActivitiesThu Mar 28 18:55:18 HST 2024

Name	Sea Level Rise Impacts to Coastal Wetlands and Other Habitats
Capability Area: Variability/Changes	- Understanding Climate Variability and Change - Projections (modeling and downscaling) - Training and Capacity Building, Education, Outreach
ECV	- Surface (e.g., SST, SSH, salinity, ocean color)
Timeframe	- Multi-decadal (scenarios)
Capability Area: Impacts/Adaptations	- Understanding Climate Impacts and Informing Adaptation - Climate Adaptation - Decision Support Tools - Policies and Legislation - Assessment and Evaluation
Sectors	- Community Planning and Development - Social and Cultural Resources - Ecosystems
Status	- Ongoing
Focus Area	- Coastal Inundation/Sea Level Rise, Extreme Weather, and Community Resilience - Marine and Terrestrial Ecosystems
Regions	- Central North Pacific - State Of Hawaii
Description	This project models the projected sea-level rise at coastal sites on Oahu and Maui, developing methods that can be applied to other Pacific islands. Stakeholder workshops will be used to assess needs and identify final products, including map visualizations. These results will help inform management responses for vulnerable coastal wetlands and beach areas that host endangered species and cultural sites.
Lead Agencies	UH/SOEST, NOAA/CRCP, State of Hawaii
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Partnering Agencies	PICCC
Projected Timelines	2010-2012