



Projects and Activities Thu Jan 17 23:28:55 HST 2019

Name	Predicting Risks of Island Extinctions Due to SLR: Model-based Tools to Mitigate Terrestrial Habitat Losses in the NW Hawaiian Islands
Capability Area: Variability/Changes	<ul style="list-style-type: none"> - Understanding Climate Variability and Change - Projections (modeling and downscaling)
ECV	<ul style="list-style-type: none"> - Surface (e.g., SST, SSH, salinity, ocean color) - (e.g., surface water, glaciers and ice caps, land cover, biomass)
Timeframe	- Multi-decadal (scenarios)
Status	- Ongoing
Focus Area	<ul style="list-style-type: none"> - Coastal Inundation/Sea Level Rise, Extreme Weather, and Community Resilience - Marine and Terrestrial Ecosystems
Regions	<ul style="list-style-type: none"> - Central North Pacific - State Of Hawaii - North Western Hawaiian Islands
Description	Collection of topographic data for selected islands and development of DEM models. Map current and future habitat for seabirds based on static (bathtub) SLR on most islands and dynamic (inundation) SLR on Laysan and Midway.
Lead Agencies	USGS-PIERC
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Partnering Agencies	PICCC
Projected Timelines	2012-2013