



Projects and Activities Mon Dec 10 11:48:36 HST 2018

<b>Name</b>	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"> <li>- Understanding Climate Variability and Change</li> <li>- Projections (modeling and downscaling)</li> </ul>
ECV	<ul style="list-style-type: none"> <li>- Surface (e.g., SST, SSH, salinity, ocean color)</li> <li>- (e.g., surface water, glaciers and ice caps, land cover, biomass)</li> </ul>
Timeframe	- Multi-decadal (scenarios)
Status	- Ongoing
Focus Area	<ul style="list-style-type: none"> <li>- Coastal Inundation/Sea Level Rise, Extreme Weather, and Community Resilience</li> <li>- Marine and Terrestrial Ecosystems</li> </ul>
Regions	<ul style="list-style-type: none"> <li>- Central North Pacific</li> <li>- State Of Hawaii</li> <li>- North Western Hawaiian Islands</li> </ul>
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