



Projects and Activities Tue Mar 20 05:49:33 HST 2018

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| 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 |
| Contacts | Michelle Reynolds, MReynolds@usgs.gov |
| Partnering Agencies | PICCC |
| Projected Timelines | 2012-2013 |