Projects and ActivitiesThu Mar 28 21:56:55 HST 2024

Name	High Resolution Climate Model for Hawaii
Capability Area: Variability/Changes	- Understanding Climate Variability and Change - Projections (modeling and downscaling)
ECV	- Surface (e.g., temp, precip, wind)
Timeframe	- Multi-decadal (scenarios)
Status	- Ongoing
Focus Area	- Fresh Water Resources and Drought - Coastal Inundation/Sea Level Rise, Extreme Weather, and Community Resilience - Marine and Terrestrial Ecosystems
Regions	- Central North Pacific - State Of Hawaii
Description	This project is developing a regional dynamical model with high resolution over islands at a scale that is ecologically relevant to management of natural and cultural resources. This will enable direct estimation of future climate at conservation sites, inform species distribution modeling, and species and site management planning. The model will be useful for high islands in Mariana Islands, Samoa, and Micronesia as well as Hawaii.
Lead Agencies	IPRC, UH/SOEST, Pacific RISA
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Partnering Agencies	PICCC
Projected Timelines	2010-2013