Projects and ActivitiesThu Mar 28 22:31:17 HST 2024

Name	Future Distribution of Cloud Forests and Associated Species in Hawaii
Capability Area: Variability/Changes	- Understanding Climate Variability and Change - Research/Development - Projections (modeling and downscaling) - Decision Support Tools
ECV	- Surface (e.g., temp, precip, wind) - (e.g., surface water, glaciers and ice caps, land cover, biomass)
Timeframe	- Multi-decadal (scenarios)
Status	- Ongoing
Focus Area	- Fresh Water Resources and Drought - Marine and Terrestrial Ecosystems
Regions	- Central North Pacific - State Of Hawaii
Description	This project will predict future distributions of cloud forests and species across high mountain ecosystems in Hawaii. Hawaii's cloud forests represent the last remaining intact habitat for many endangered forest bird species and are critical to watershed function on all islands. This project will provide future distribution models by integrating products from a climate-vegetation network on Haleakala with new regional downscaling of future climate projections.
Lead Agencies	U of Wisconsin, U of Hawaii, U of Colorado
Contacts	Sara Hotchkiss, sara@geology.wisc.edu
Partnering Agencies	PICCC
Projected Timelines	2011-2013