



Projects and Activities Sat Feb 16 18:05:46 HST 2019

Name	Effects of Landscape Change on Island Birds
Capability Area: Variability/Changes	<ul style="list-style-type: none"> - Understanding Climate Variability and Change - Projections (modeling and downscaling) - Decision Support Tools
ECV	- (e.g., surface water, glaciers and ice caps, land cover, biomass)
Timeframe	- Multi-decadal (scenarios)
Status	- Ongoing
Focus Area	- Marine and Terrestrial Ecosystems
Regions	<ul style="list-style-type: none"> - Western North Pacific - FSM
Description	<p>This project models bird species' responses to long-term and large-scale landscape change on Pohnpei Island, Federated States of Micronesia. Data from bird surveys spanning back to 1983 combined with 30 years of vegetation mapping will be used to create a predictive model of species change to guide reforestation and assess climate change model projections. This is the first effort of this kind in the Pacific Islands outside of Hawaii.</p>
Lead Agencies	U of Missouri, College of Micronesia, Pacific Islands Conservation Research Association
Contacts	Dylan Kesler, KeslerD@Missouri.edu
Partnering Agencies	PICCC
Projected Timelines	2011-2013