



Projects and Activities Mon Sep 24 07:30:13 HST 2018

<b>Name</b>	Management of Critically Endangered Dry Forest Ecosystems: A Quantitative Modeling Approach Incorporating Landscape Ecology, Fire Fuels Information and Geospatial Products
<b>Capability Area: Variability/Changes</b>	- Understanding Climate Variability and Change - Projections (modeling and downscaling)
<b>ECV</b>	- Surface (e.g., temp, precip, wind) - (e.g., surface water, glaciers and ice caps, land cover, biomass)
<b>Timeframe</b>	- Multi-decadal (scenarios)
<b>Status</b>	- Ongoing
<b>Focus Area</b>	- Marine and Terrestrial Ecosystems
<b>Regions</b>	- Central North Pacific - State Of Hawaii
<b>Description</b>	We will model plot-based information on fuel loading, restoration treatments, and plant communities to the landscape level. This will allow us to develop scenario modeling based on land management goals (i.e., restoration of threatened and endangered habitat, fire prevention, and/or combinations of any or all of the above) and threats (invasive species, climate change, land-use change). Allows us to estimate potential fire behavior under a variety of restoration and/or climate change scenarios.
<b>Lead Agencies</b>	USFS, UH Manoa, DoD, CEMML, Carnegie Institution
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<b>Partnering Agencies</b>	PICCC
<b>Projected Timelines</b>	2010-2014