



Projects and Activities Fri Apr 19 07:06:45 HST 2024

Name	Developing a DST for Understanding Impacts of Climate Change and Invasive Species on Watershed Function and Aquatic Habitat Quality
Capability Area: Impacts/Adaptations	<ul style="list-style-type: none"> <li>- Understanding Climate Impacts and Informing Adaptation</li> <li>- Climate Adaptation</li> <li>- Training and Capacity Building, Education, Outreach</li> <li>- Decision Support Tools</li> <li>- Policies and Legislation</li> </ul>
Sectors	<ul style="list-style-type: none"> <li>- Fresh Water Resources</li> <li>- Ecosystems</li> </ul>
Status	- Ongoing
Focus Area	<ul style="list-style-type: none"> <li>- Fresh Water Resources and Drought</li> <li>- Marine and Terrestrial Ecosystems</li> </ul>
Regions	<ul style="list-style-type: none"> <li>- Central North Pacific</li> <li>- State Of Hawaii</li> </ul>
Description	We are working with to develop a user-friendly decision support tool that will identify what, where and when specific management actions are needed to increase the resilience of Pacific Island landscapes. We have fully parameterized and calibrated a Distributed Hydrology, Soils, Vegetation Model (DHSVM), which we have used to model how various climate and invasive species scenarios will impact water yield.
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Partnering Agencies	PICCC
Projected Timelines	2011-2013