

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: A Climate Impacts Based Assessment of Climate Change Projections in the Hawaiian Islands Region (HIR)
Type of Project: Research
Project Discipline: Natural
Funding Agency: USGS
Other Partners/Cooperators: University of Colorado at Boulder
Effective Dates: 6/1/2008 - 5/31/2009
Funding Amount:
Investigators and Agency Representative: Investigator: Henry Diaz, Fellow of the Cooperative Institute for Research in Environmental Sciences (CIRES) of the University of Colorado (Boulder), 303) 497-6649, <i>henry.f.diaz@noaa.gov</i>
Project Abstract: Current climate change projections for the Hawaiian Islands are generally too coarse to predict how changes in rainfall, evapo-transportation, tradewind inversion and storm patterns are likely to affect Hawaii's plant and animals. This collaborative study will compare modeled climatology with observational records from Hawaii and generate preliminary high resolution spatial climate projections. This effort is a collaborative between researchers associated with two Cooperative Ecosystem Studies Units (CESUs) and USGS researchers at the Pacific Island Ecosystem Research Center, Honolulu, Hawaii. USGS researchers will be extensively involved in the translation of model and observational data to detailed spatial descriptions of climate projection
Outcomes with completion dates (reports, publications, workshops, videos, etc.): Final Report is due 5/31/2009
Keywords: Climate Change projections, Hawaiian Islands Region, USGS, Pacific Island Ecosystem Research Center, University of Colorado at Boulder, Cooperative Ecosystem Studies Units (CESUs)