



PACIFIC ISLANDS
CLIMATE CHANGE
COOPERATIVE



Climate Change in the Pacific Islands

Human-caused changes in climate, ocean chemistry, and sea level are shaping the Pacific and its islands in unprecedented ways. These changes impact island communities whose cultures are dependent upon their surrounding natural environment. For these communities to sustain themselves into the future, resource managers and the public need to understand how ecological changes are likely to unfold and what adaptation actions will best perpetuate the unique natural and cultural resources of the Pacific.

The **Pacific Islands Climate Change Cooperative (PICCC)** was established in 2009 to assist those who manage native species, island ecosystems and key cultural resources in adapting their management to climate change for the continuing benefit of the Pacific.



As part of the international **Landscape Conservation Cooperative** Network, the PICCC consists of Federal, State, private, indigenous, and non-governmental conservation organizations and academic institutions forming a cooperative partnership that determines the overall organizational vision, mission, and goals.

In 2014, the PICCC embarked on a new Strategic Plan and unveiled a novel approach to climate change adaptation. This innovative **strategic approach** aims to develop information and capacity-building opportunities collaboratively with resource managers in order to better integrate climate change adaptation into current efforts.

PICCC Projects

Ongoing PICCC Adaptation Initiative projects include:

- **The Hawaiian Islands Terrestrial Adaptation Initiative** engages resource managers to integrate climate change science and information into planning and management efforts in the main Hawaiian Islands.
- **The Micronesian Mangrove Adaptation Initiative** provides support to increase resilience to the impacts of climate change by improving the management of mangrove ecosystems on the island of Pohnpei.
- **The Pacific Island Agroforestry Adaptation Initiative** aims to engage with the Cooperative Extension Services in the U.S.-affiliated Pacific Islands in order to integrate climate science communication strategies into active CES programs that target Pacific Island agroforestry systems.

PICCC STEERING COMMITTEE MEMBERS

American Bird Conservancy
Bernice Pauahi Bishop Museum
Hawai'i Conservation Alliance
Hawai'i Department of Land and Natural Resources
Hawai'i Wetland Joint Venture
Hawaiian Islands Land Trust
Kamehameha Schools
National Oceanic and Atmospheric Administration
National Park Service
Office of Hawaiian Affairs
Pacific Science Association
The Nature Conservancy Hawai'i
Trust for Public Lands Hawaiian Islands Program
US Army Garrison Hawai'i
USDA Forest Service
USDA Natural Resources Conservation Service
US Geological Survey
US Fish & Wildlife Service
US Office of Insular Affairs
University of Hawai'i

The PICCC is also the lead agency for the for the Presidential **Resilient Lands and Waters Initiative** works to improve and showcase climate resilience by building local partnerships and improving access to science, management and planning expertise in three land- and seascapes throughout the Hawaiian islands: He'eia, O'ahu; West Maui; and West Hawai'i.

The PICCC has the capacity to provide the cutting edge products and tools to meet the climate change adaptation needs of resource managers:

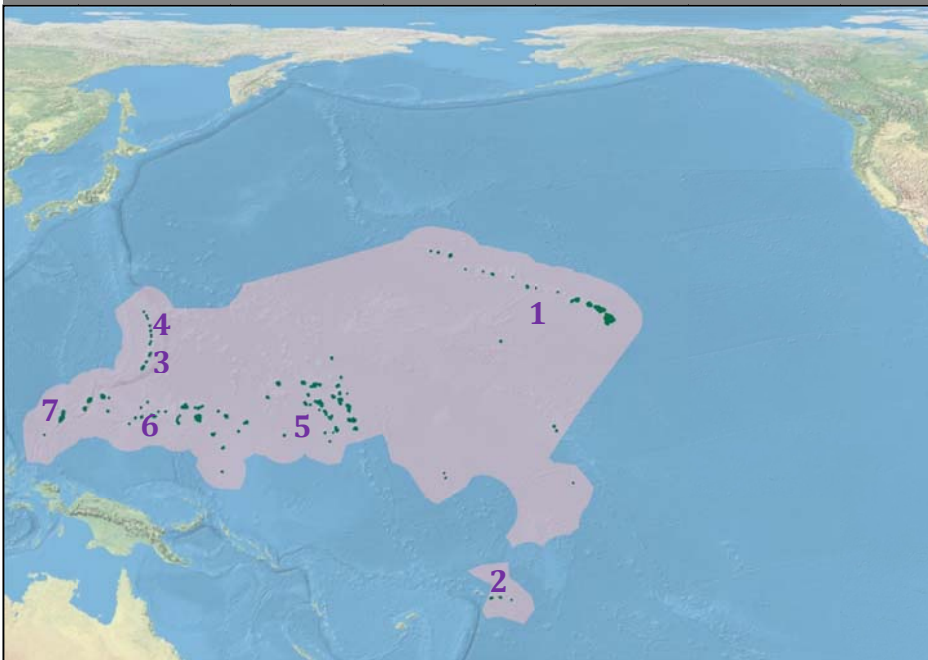
- Natural and cultural resource vulnerability assessments
- Adaptation planning for natural and/or cultural resources
- Socio-cultural research
- Capacity building
- Technical training and tools
- Scientific, cultural and political analyses
- Communications products
- Visualization and mapping products

For more information on all PICCC projects, data and tools, visit us on the web at <http://piccc.net>



Si'u Point Trail, Ta'u Island, National Park of American Samoa (Credit: [U.S. Department of Interior, Flickr](#))

Geographic Scope of the Pacific Islands Climate Change Cooperative



Seven distinct jurisdictions and four Marine National Monuments comprise the geographic scope of the PICCC: (1) State of Hawai'i, (2) Territory of American Samoa, (3) Territory of Guam, (4) Commonwealth of the Northern Mariana Islands, (5) Republic of the Marshall Islands, (6) Federated States of Micronesia, and (7) Republic of Palau.

For more on the Landscape Conservation Cooperative Network, visit lccnetwork.org



PICCC Structure

PICCC staff are supported by these partners:
 U.S. Fish and Wildlife Service
 U.S. Geological Survey
 National Park Service
 University of Hawai'i Mānoa
 University of Hawai'i Hilo

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