Projects and ActivitiesThu Mar 28 09:26:12 HST 2024

Name	Pacific Islands Climate Change Social Network Analysis
Capability Area: Impacts/Adaptations	- Understanding Climate Impacts and Informing Adaptation - Climate Adaptation - Training and Capacity Building, Education, Outreach - Assessment and Evaluation
Sectors	- Social and Cultural Resources
Status	- Completed
Focus Area	- Fresh Water Resources and Drought - Coastal Inundation/Sea Level Rise, Extreme Weather, and Community Resilience - Marine and Terrestrial Ecosystems
Regions	- Central North Pacific - State Of Hawaii - Western North Pacific - CNMI - FSM - Guam - Palau - RMI - South Pacific - American Samoa
Description	More than 1,000 climate change professionals in the Pacific Islands were invited to complete a network analysis survey on climate change connectedness between December 2012 and March 2013. The survey solicited information about professional and personal demographics, network connectedness, climate change risk perception and resiliency, and sense of community. Using network analysis methods, East-West Center and Pacific RISA researchers tracked information flows, key hubs, and isolated groups to map out the strengths and gaps in the flow of climate information in the region. The project is supported by NOAA and the DOI Pacific Islands Climate Science Center (PI-CSC).

Objectives/Outcomes	A network of 966 individuals was identified across the region from 340 completed surveys. The average distance across the network was three people, meaning that any single individual is only three connections away from all others. While Hawaii contained the majority of network members, even small networks still proved to be highly connected. The analysis identified strong country clusters, as well as many strong connections between clusters. High resolution network maps are published online and show broad trends of connection and centrality within the network. Users across the region can download these maps to locate particular individuals, colleagues, or friends and see their connections to others. When considering future collaborations, they can explore who knows who throughout the series of Pacific Islands, who are connected both spatially and by profession.
Lead Agencies	East-West Center (EWC), Pacific Regional Integrated Sciences and Assessments (Pacific RISA)
Contacts	Kati Corlew, corlewk@eastwestcenter.org
Partnering Agencies	NOAA, DOI Pacific Islands Climate Science Center (PI-CSC)
Projected Timelines	2012-2013
Url	http://www.pacificrisa.org/projects/social-network-analysis/