Projects and ActivitiesFri Mar 29 03:35:52 HST 2024

Name	Strengthening Food Security Among Farming Communities in the Pacific Small Island Developing States
Capability Area: Impacts/Adaptations	- Understanding Climate Impacts and Informing Adaptation - Climate Adaptation - Training and Capacity Building, Education, Outreach - Best Practices/Guidance - Decision Support Tools - Assessment and Evaluation
Sectors	- Agriculture and Fisheries
Status	- Ongoing
Focus Area	- Marine and Terrestrial Ecosystems
Regions	- South Pacific - Fiji - Kiribati - Samoa - Solomon Islands - Tonga - Vanuatu
Description	Together with SPC, USAID will strengthen food security among farming communities in Fiji, Kiribati, Samoa, Solomon Islands, Tonga, and Vanuatu. The program will build scientific and technical capacity to apply Geographic Information System (GIS) land-use, forestry and soil mapping techniques in order to make decisions specifically to improve the climate resilience of terrestrial food production systems. It will also implement innovative techniques and management approaches to increase the climate change resilience of terrestrial food production systems. The six countries, which range from large volcanic island countries to medium scale and atoll countries, were selected because they represent a good cross section of the different agricultural production systems across the Pacific and because of the availability of bio-climatic data and the type of institutional structures that exist in each country.

Objectives/Outcomes	Main elements of the strategy include: 1) Developing customized GIS systems, operated at the national level and hosted by the ministry responsible for agriculture, or another ministry nominated by the government; 2) Establishing a regional technical support network to ensure that GIS systems can be supported and updated on an ongoing basis after the completion of the project; 3) Using GIS data on land use to generate maps, which will allow for the identification of the volume and location of specific agricultural products that are critical for Pacific Island food security (e.g., bread fruit, pandanus) and form baseline information for the development and implementation of adaptation measures; and 4) Providing in-country training and technical assistance to government officials and technical specialists to utilize analytical tools, such as data collection and management, GIS, cost-benefit analysis, and socioeconomic impact assessments, to inform adaptation decision-making.
Lead Agencies	USAID, SPC
Partnering Agencies	Ministries of Agriculture, Forestry, Water and Environment, Farmers Associations, Community Colleges
Required Resources	4.45 million USD
Projected Timelines	FY12-FY15
Url	http://pacificislands.usaid.gov/program/environment