

Vegetation and land cover mapping and improving food security for building resilience to a changing climate in Pacific island communities

Project Status	Completed	PDF version or type unknown
Start Date	Thursday, September 1, 2011	
End Date	Monday, February 29, 2016	
Duration	24	
Project Type	Capacity Building Community Awareness Pilot / Trial / Demonstration Project	
Total Funding	4000000	
Project Scope	Regional	

Project Objectives "Pacific Island target countries (Fiji, Kiribati, Samoa, Solomon Islands, Tonga, and Vanuatu) with the support of the [Secretariat of the Pacific Community \(SPC\)](#). The goal of this regional project is to evaluate and implement innovative techniques and management approaches to increasing the [climate change](#) resilience of terrestrial food production systems for communities in selected PICTS (Fiji, Kiribati, Samoa, Solomon Islands, Tonga and Vanuatu). The project will do this through the introduction of integrated agricultural production systems based on assessments of the [climate](#) resilience of existing systems at selected sites. This will be supported by improved land-system data and analysis tools, such as vegetation and land use mapping and the application of GIS. It will build the capacity of participating countries to utilise GIS tools and techniques to help identify key areas of food supply [vulnerability](#), monitor vegetation and land cover change overtime. These assessments will be based on the most up-to-date country level [climate change](#) projections available. The project outputs will also be used to help inform the [development](#) and national and [agriculture](#) sector [climate change adaptation response](#) strategies in the recipient countries and other PICTs. The project has three objectives which will contribute to achieving the project goal. Objective 1 Improved understanding of present and future [climate](#) related constraints on sustainable food production in various Pacific Island [agriculture](#) ecosystems, and the adoption of innovative [adaptation](#) responses that contribute to maintaining or increasing [food security](#). Objective 2 Strengthened national and community capacity to build [food security](#) and respond proactively to [climate change](#) and [climate](#) variability. Achieved through: engagement of farming communities, and national level counterparts, in project activities; [development](#) and implementation of appropriate [adaptation response](#) options that reduce the risks to food production and agricultural ecosystems Objective 3: Improved integration of successful approaches into national and sector [climate change adaptation](#) strategies.

Implementing Countries

[Kiribati](#)
[Solomon Islands](#)
[Tonga](#)
[Vanuatu](#)

Implementing Organisation(s)

[The Pacific Community](#)

Implementing Organisation Contact(s)

[Vuki Buadromo](#)

Development Partner Contacts

Topics

[Agriculture, Forestry and Fishing](#)

[Agriculture](#)

[Food security](#)

[Climate Change](#)

[Resilience](#)

[Natural Resources and the Environment](#)

[Natural resource management](#)

[Vegetation](#)

Focus Area

[Mapping](#)

[Planning](#)

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