

# Integrated crop management strategies for root and tuber crops: strengthening national and regional capacities in Papua New Guinea, Fiji, Samoa, Solomon Islands and Tonga



## Key details

### Duration

**Start** Jun 2014

**End** Feb 2019

### Budget

AUD 788,419

### Commissioned organisation

The University of Queensland

### Partners

Ministry of Agriculture and Fisheries; Ministry of Agriculture and Food; Forests and Fisheries; Ministry of Agriculture and Livestock; Ministry of Primary Industries; National Agricultural Research Institute; Secretariat of the Pacific Community

### Project Leader

Michael Furlong - University of Queensland

### Program

Horticulture

### Project code

HORT/2010/065

yams held in genebanks could increase the resilience of food systems but badnavirus infections, as indicated by 'virus indexing' procedures, prevent exchanges of this material. This project's research suggested that indexing tests often provide 'false positives' (detecting fragments of the virus that cannot replicate and cause disease). Better understanding of the virus genome and better tests based on this knowledge will allow yam diversity to be safely exchanged.



ACIAR



## Overview

This project helped the ACIAR Pacific-ICM program (PC/2010/090) to build capacity in integrated crop management. The project strengthened national agencies and regional organisations' capacity to conduct root crop research and development, and to apply research outputs by implementing ICM strategies.

Yams (*Dioscorea spp.*) make an important contribution to food security in the Pacific islands. The diversity of