

Improving water and nutrient management to enable double cropping in the rice growing lowlands of Lao PDR and Cambodia



Key details

Location

Cambodia, Lao PDR

Duration

Start Dec 2014

End Feb 2020

Budget

AUD 2,009,841

Commissioned organisation

Charles Sturt University

Partners

Cambodia Agricultural Research and Development Institute; Deakin University; Institute of Technology of Cambodia; Ministry of Water Resources and Meteorology; National Agriculture and Forestry Research Institute

Project Leader

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ACIAR Research Program Manager

Dr James Quilty

Program

Soil and Land Management

Project code

SMCN/2012/071

communities in southern Lao and Cambodia. The emphasis was on improving the sustainable production of short-duration crop and forages during the dry-season by optimising water and nutrition management.

ACIAR researchers aimed to establish dry season crop and forage production as an intrinsic component small holder farming system in the lower Mekong.

This project was investigating the potential of several dry season, high value crops, the compatibility of local soils, and these crops' water requirements. This project followed on from previous ACIAR projects that quantified the regional availability of water to sustain dry season crops and of method to better use water to meet crop needs.



Overview

This project developed diversification and intensification options for crop systems to improve the nutrition, profitability and sustainability of rural