

Land resource evaluation for productive and resilient landscapes in the Central Dry Zone of Myanmar



Key details

Location

Myanmar

Duration

Start Apr 2016

End Jun 2021

Budget

AUD 1,946,748

Commissioned organisation

CSIRO

Partners

CSIRO Agriculture Flagship; Department of Agriculture; Department of Agricultural Research; Dry Zone Greening; Dry Zone Greening Department; Farm Business Development Technical Group; Land Use Division; Yezin Agricultural University

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Program

Soil and Land Management

Project code

SMCN/2014/075

resilient landscapes in Myanmar's Central Dry Zone at the township and village scale. These contribute to national food security, improve the livelihoods of farmers, and provide ecosystem services.

Farmers in the Central Dry Zone face a dry, erratic climate and widespread land degradation. Productivity and profitability are low, so many farmers cannot afford fertilisers and quality seeds. This further degrades land. Improving livelihoods and food security requires agricultural intensification but this must be done in a way that sustains land resources.

This project developed land evaluation methods and developed capacity in Myanmar institutions to acquire land resource information more efficiently than conventional soil and land resource surveys.

Participatory land use planning informed by the mapping products was then used to help communities - at both regional and village scales - change how they use land in ways that were both technically feasible and matched community aspirations.



Overview

This project aimed to develop land evaluation methods and capacity to improve planning of agricultural development for productive and