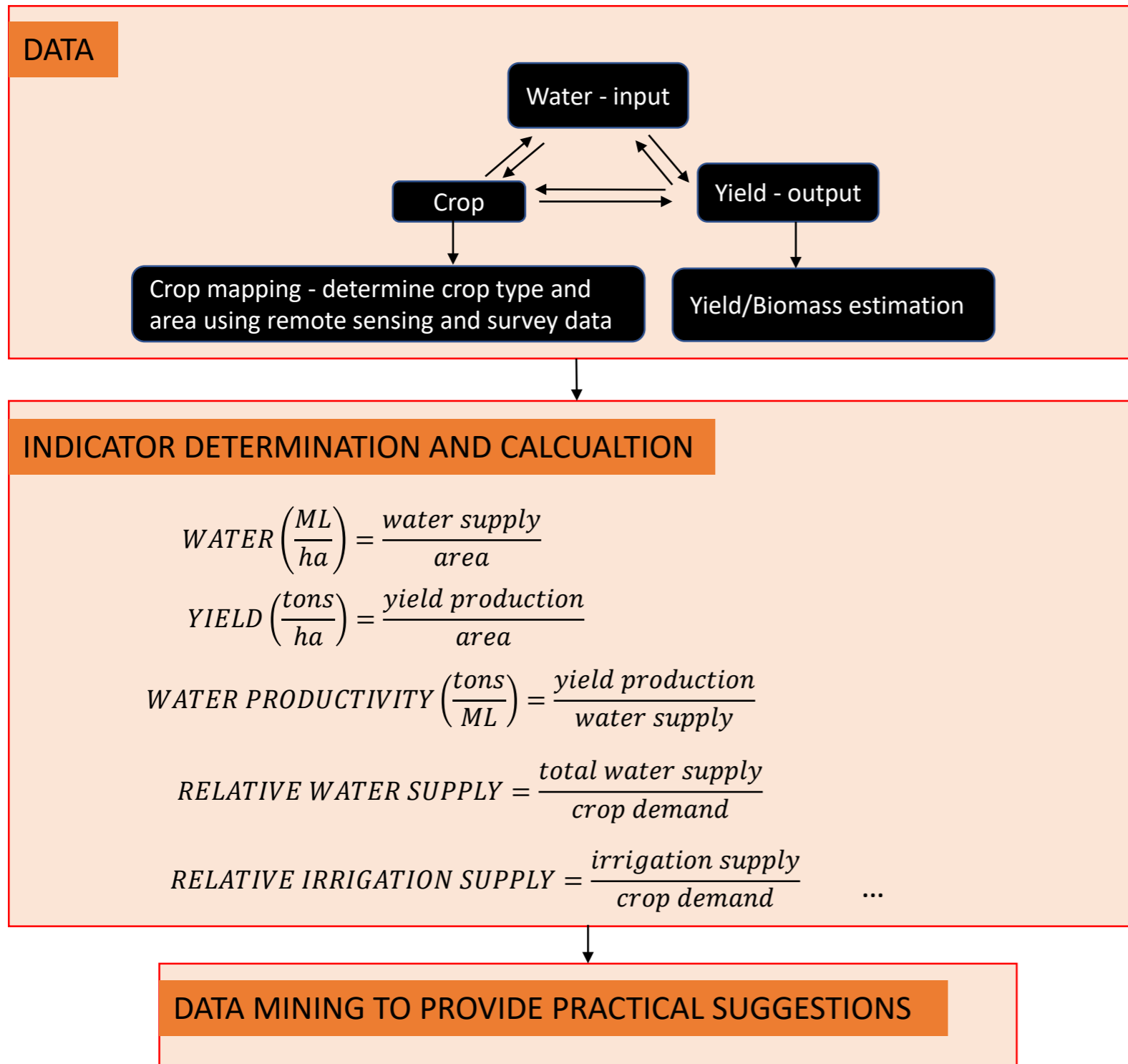


Applying Benchmarking to boost irrigation productivity



Research Objective

The objective of this study is to develop an irrigation benchmarking tool in three main irrigation areas in Australia - Coleambally, Murrumbidgee and Goulburn-Murray irrigation districts, with the aim to improve irrigation performance and water productivity.

Research Problem

- To combine the use of field survey data and satellite data to reduce data uncertainty for the preparation of accurate irrigation benchmarking
- To undertake data mining to interrogate factors that lead to good efficiency and enable farmers to achieve optimal irrigation practices

More Information

Zitian Gao

PhD Candidate

zitiang@student.unimelb.edu.au

Level 3 333 Exhibition St, Melbourne

Department of Infrastructure Engineering

Supervisors: Prof. Andrew Western, Prof. QJ Wang, A/Prof. Dongryeol Ryu, Dr Danlu Guo