



**AUS4INNOVATION**

# Can Tho University

Aus4Innovation is helping researchers provide real-time solutions to water quality risks in aquaculture



**Australian Aid** 



**CSIRO**  
Australia's National Science Agency

# WATER QUALITY MONITORING SYSTEMS FOR HEALTHY, SUSTAINABLE AQUACULTURE

The Mekong Delta produces over 65% of Vietnam's income from seafood.

Aquaculture contributes to food and nutrition security, employment and international trade.

The risk of water contamination is an increasing management challenge for the aquaculture industry.

Can Tho University researchers have developed water quality monitoring systems that track key water quality indicators.

Real-time data are available to industry and local authorities on environmental and production risks.

Researchers are creating a digital expert system that links data with expert advice on remediation.

- Real-time alerts reduce industry risk
- Reduced pollutants improve seafood quality, benefiting human health and farmer livelihoods
- Healthy waterways and improved management of aquaculture ponds