

Achieving consistent spawning of captive yellowfin tuna broodstock at Gondol Research Institute for Mariculture, Bali, Indonesia



Key details

Location

Indonesia

Duration

Start Jun 2008

End May 2010

Budget

AUD 166,137

Commissioned organisation

South Australian Research and Development Institute

Partners

South Australian Research and Development Institute; Gondol Research Institute for Mariculture

Project Leader

Wayne Hutchinson

Program

Fisheries

Project code

FIS/2006/140



Overview

This project aimed at enhancing yellowfin tuna aquaculture research to provide considerable confidence for commercial investment.

In Australia, there is interest in the commercial aquaculture of yellowfin tuna (YFT) and it is expected that successful spawning and larval rearing of this species at Gondol RIM (GRIM), would provide considerable confidence for commercial investment.

Project outcomes

- Established regular spawning of high quality parasite free eggs from captive YFT broodstock at GRIM.
- Generated collaborations between SARDI, GRIM and commercial companies that have an interest in tuna propagation in Australia.
- Published a report including: environmental and biological broodstock spawning data, a review of parasite treatment adopted, and an evaluation of the economic viability of YFT farming.



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