



Australia Awards

# Australia Awards Short Course Sustainable Aquaculture



*The participants of the Australia Awards Short Course on Sustainable Aquaculture attended the Post-Course workshop in Bogor, West Java.*

## **The Australia Awards Short Course on Sustainable Aquaculture:**

- Pre-Course Workshop:  
25 – 28 January 2021 (online)
- In-Australia Course:  
7 September – 26 November 2021 (online)
- Post-Course Workshop:  
7 – 10 March 2022 (mixed delivery)

The course connected participants from INSERT AGENCIES with sustainable aquaculture experts in Australia. This enabled sharing of experiences and approaches on issues important to both countries, and the building of linkages. The course covered a range of issues including biosecurity, governance, food safety, and environmental monitoring.

The course was delivered by the Institute for Marine and Antarctic Studies at the University of Tasmania by Course Leader Prof Caleb Gardner, Course Coordinator Dr Sarah Ugalde and Technical Lead Mr David Mossop.

Twenty-four participants representing industry, government, and education sectors from across Indonesia completed the course. They implemented 11 Award Projects.

The course included 8 modules with mixed delivery involving 56 experts who delivered content. In total more than 100 hours of content was produced by 21 organisations and institutes involved in the course delivery.



Course highlights included participants presenting their Awards Projects to Mr Kuncoro Giri Waseso (Consul-General of Indonesia, VIC and TAS), keynote speech by Dr Julie Ekasari (IPB University, Indonesia), and a monthly seminar by Dr Ian Dutton (Director, Marine Resources, Department of Natural Resources and Environment Tasmania).

### Pre-course workshop

Due to Covid-19, the Pre-Course Workshop was held online on 25–28 January 2021. The Workshop focused on the participants' Award Projects and encouraged collaborations between the project groups. Monthly mentoring seminars helped the participants prepare for the course and continue work on their Award Projects.

### Online course

The online course was delivered online between 7 September–26 November (equivalent to an intensive two week course). To provide participants with a world-class learning experience, the Course Leaders collaborated with national experts and organisations spanning from Tasmania to Darwin to deliver a module every week. Modules included Environmental Management, Nutrition and Feed and Governance and Regulation. Content was accessed through a tailor-made online platform using a combination of live presentations, break-out group activities, expert panels, practical tasks, online videos, reflective sessions, virtual site visits/live-streaming tours, and self-paced learning.

### Participants' Awards Projects

As part of the course the participants implemented group development projects, Awards Project to apply the course learnings in their work. These projects aimed to improve aquaculture practices or governance in Indonesia. Participants were mentored by Course Leaders throughout their projects. Examples of participant Awards Projects:

- Surveillance of Vibriosis disease in Vannamei shrimp culture.
- Establishment of the Pearl Oyster Alliance ([www.pearloysteralliance.org](http://www.pearloysteralliance.org)).
- Sustainability analysis of novel tilapia biofloc systems.
- Feed management in barramundi culture.
- Strengthening institutional framework and policy in shrimp aquaculture.
- Oyster selective breeding.
- Biosecurity guidelines and how to apply them in Indonesia.

### Post-course workshop

The post-course workshop was delivered both online and in-person at Bogor, Indonesia, between 7–10 March 2022. The workshop was facilitated by the Australia Awards in Indonesia team and a facilitator, Ms Anes Dwi Jayanti. The participants presented their Awards Projects and their future plans to improve aquaculture practices in Indonesia. The course delivery team commented.



*Oyster hatchery in Northern Territory, Australia.*



*Oyster farming in Tasmania, Australia.*



*Salmon at the Experimental Aquaculture Facility at IMAS in Tasmania.*

### For further info, please contact:

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