AQD Library has one of the best collections of books, journals, and other materials on aquaculture in Southeast Asia. The library is open Mondays to Fridays, from 8 am to 5 pm. Internet access is provided for free to students and AQD trainees.

FishWorld

FishWorld is a museum-aquarium-visitor center that promotes informal education for responsible aquaculture in particular, biodiversity, environment protection and sustainable development in general. FishWorld also conducts R&D internships for high school students.

For further information

The Southeast Asian Fisheries Development Center (SEAFDEC) is an autonomous intergovernmental body established as a regional treaty organization in December 1967 to promote fisheries development in the region through research, training and information services. Its member countries include Brunei Darussalam, Cambodia, Indonesia, Japan, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand, and Vietnam.

The Aquaculture Department (AQD), one of SEAFDEC’s four departments, is mandated to implement programs in research, technology verification and demonstration, and training and information dissemination in order to promote responsible aquaculture in Southeast Asia.

Tour of AQD stations / Conference / Training facilities

Tour of AQD stations is available by arrangement. Activities hosted at AQD’s Tigbauan Main Station may use its conference and training facilities.
Established in 1973, the Tigbauan Main Station (TMS) is the SEAFDEC/AQD headquarters located in the south coast of Panay Island. The 40-hectare complex includes various research laboratories, hatcheries, and broodstock facilities for experiments in artificial propagation, feed development, and health management. TMS also has training facilities, library, and medical clinic. On-campus housing and cafeteria cater to resident staff, trainees, guests, and visiting researchers and their families.

Research & development
The economically important commodities being studied at AQD include:

- Milkfish
- Abalone
- Groupers
- Seaweeds
- Seabass
- Snapper
- Seagird
- Pompano
- Seahorses
- Mudcrab
- Indigenous species
- Freshwater prawn
- Climbing perch
- Silver perch
- Bighead carp
- Tiger shrimps
- Seaweeds
- Abalone

Research on all stages (broodstock, hatchery nursery, and grow-out) of the above species are conducted. Likewise, AQD produced juveniles for aquatic resource enhancement. Studies on nutrition and feed development, fish health management, ecology and farming systems, economic viability of cultured commodities and the promotion of sustainable aquaculture technologies are also being done to ensure comprehensive and holistic development of aquaculture and enhance its role in securing food and livelihoods in fishing communities.

AQD has strong linkages with foreign institutions and international agencies, and works closely with various universities, fishery schools, and government agencies in the Philippines and the Southeast Asia region. Like for instance, AQD collaborated with Australian Centre for International Agricultural Research (ACIAR) to carry-out research on improved seaweed culture and post-harvest utilization in Southeast Asia.

Facilities

| Multi-species marine fish hatchery | Integrated fish broodstock and hatchery complex | Crustaceaen hatchery | Seahorse hatchery |
| Multi-species marine fish hatchery | Integrated fish broodstock and hatchery complex | Crustaceaen hatchery | Seahorse hatchery |
| Sandfish hatchery | Abalone hatchery | Small-scale backyard hatchery | Feedmill |
| Natural food laboratory | Fish health laboratory | Laboratory for advanced technologies (BIOTECH) | Experimental infection building |

Thematic programs

Meeting socio-economic challenges of aquaculture
The program aims to enhance the role of aquaculture in improving livelihood and food security; support the sustainability of the environment and resources; and identify relevant policies, infrastructure and linkages.

Quality seed for sustainable aquaculture
The program covers studies and activities that will generate, verify and promote technologies to ensure the sustainable production of quality seedstock for aquaculture as well as for stock enhancement.

Healthy and wholesome aquaculture
The strategies invoked in this program concentrate on nutrition to promote healthy farmed aquatic animals; disease diagnosis, control, monitoring and surveillance of aquatic animals; and environmental integrity, certification and food safety.

Maintaining environmental integrity through responsible aquaculture
The program focuses on the impacts of aquaculture on the environment and how to minimize them. It also aims to promote the use of various culture technologies that integrate aquaculture with the environment such as aquaculture, integrated multitrophic aquaculture systems, among others.

Adapting to climate change
The program aims to identify aquaculture species, strains, farming systems, techniques that will adapt better to climate change, and increase resilience and overall capacity of various stakeholder groups through training and knowledge transfer.

Products and services

Technical assistance / consultancy
AQD provides technical assistance and consultancy in hatchery, netcage or fish farm operation for entrepreneurs and communities through its extension programs the Agroe-cultivate-operate-transfer (AKOT) and the Institutional capacity development for sustainable aquaculture (ICDSA), respectively.

Disease diagnostics / Analytical services
Molecular Microbiology Laboratory
- detection of shrimp and fish viruses by PCR-base techniques
- electronic microscopy of biological samples (scanning and transmission)
- microbiological analyses of food, products, water, etc. (coliform count, Salmonella, Shigella, St. aureus, Escherichia coli, yeast/mold count, water potability)

Algal Production Laboratory
- sale of culture media and starter stocks

Centralized Analytical Laboratory
- analyses of chemicals in fisheries and aquaculture products
- analyses of water and soil
- proximate analyses
- fatty acid / amino acid profile

Fish Feed Technology Laboratory
- development of environment-friendly feeds
- improvement of feed conversion and growth of farmed species

Plankton starters available for sale
- Green algae (Tetraselmis tetrahele, Chlorella sp., Nanochloropsis sp.)
- Brown algae (Chaeota, Skeletonema tropicum, Thalassiosira tropic, Navicula sp., Amphora sp.)
- Golden brown algae (Isochrysis galbana)
- Zooplankton (Brachionus plicatilis)