

**ASSESSMENT OF AQUACULTURE MANAGEMENT PRACTICES OF  
FISHPOND FARMS IN TERNATE AND TANZA, CAVITE**

Undergraduate Thesis  
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## ABSTRACT

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The study was conducted in selected fishpond farms in Ternate and Tanza, Cavite from July 2014 to February 2015 to assess the aquaculture management practices of fishpond farms in the areas. The study basically aimed to: describe the type of culture system that the fishpond operators practice; measure and evaluate the temperature, pH, water salinity, dissolved oxygen (DO), and the nutrients present in water; characterize the components, structure, materials and equipment used in fish farming; compare the existing practices to the guidelines given by the government; and determine the problems encountered by the fish farm operators in managing the fishpond farms.

Convenience method was done in the selection of sites that were evaluated. Random technique was used in choosing the fishpond farms that is subjected for water quality measurement.

There were fishpond farms that follow the recommended management practices in extensive fish culture. The temperature, pH, total dissolved solids, salinity, turbidity, and dissolved oxygen of water in the fishponds were in the optimum range and can be tolerated by the cultured species. There were fishpond farms that had high amount of and unionized ammonia which implies that the ponds have toxic substances.

The common problems in the fish farms were the high cost of feeds, availability of fingerlings, pests and predators, and occurrence of typhoons.