

EXAMINATION OF AGRICULTURE AREA IN SONG DATU,
SETO WETLAND, TERENGGANU

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Fish habitat of aquaculture area in Gong Batu, Setiu Wetland,
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**FISH HABITAT OF AQUACULTURE AREA IN GONG BATU, SETIU
WETLAND, TERENGGANU**

Mohammad Yazid Bin Mohd Sani

**This thesis report is submitted in partial fulfillment of the requirement of the
degree of Bachelor of Applied Science (Fisheries)**

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ABSTRACT

A study characteristic of fish habitat was carried out in Setiu Wetland, Setiu, Terengganu on September 2006, November 2006 and February 2007. This study aims to determine the physical, biological and chemical characteristics in specific habitat. For known the water quality parameters, the in-situ apparatus were used and for fish sampling, the gills net were used. From result that have been got, there have twelve species of fishes were found. Mainly then *Leiognathus splendens* (Kekek) and *Glossogobius aureus* (Belukor) in studies area. Water quality is in suitable range for fish habitat and aquaculture activities. The temperature ranged from 30.45°C to 32.6° C, D.O (2.65 mgL⁻¹ to 13.91 mgL⁻¹), salinity (17.1 ppt to 25.55 ppt), pH (6.795 to 7.385), depth (0.6 m to 1.65 m), turbidity (2.41 to 3.93) and current (0.01 ms⁻¹ to 0.155 ms⁻¹). For while monsoon season, the temperature is ranged from 29.45 °C to 32.85 °C, D.O (2.735 mgL⁻¹ to 4.46 mgL⁻¹), salinity (6.20 ppt to 17.30 ppt), pH (5.365 to 10.33), depth (1.3 m to 1.7 m), turbidity (2.30 to 4.13) and current (0.117 ms⁻¹ to 0.243 ms⁻¹). The percentage of fish caught before monsoon season are 62.34% and percentage of fish caught for while monsoon season are 37.66%. The studies area is suitable for fish habitat and aquaculture activities.