

Metode Fuzzy Sugeno Pada Mikrokontroler Untuk Penentuan Kualitas Air Tambak Secara On-Line*(Fuzzy Sugeno Method on Microcontroller for On-Line Determination of Pond Water Quality)* Pembimbing (1 Orang).

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ABSTRACT

Microcontroller is a complete microprocessor system that is contained in a chip. This microcontroller is created based on the problem experienced by shrimp farmers. The problem commonly experienced by shrimp farmers is in determining the quality of pond water. To help this problem, a microcontroller was made to determine water quality using the Fuzzy Sugeno method. This method serves to determine water quality based on several criteria obtained from sensor readings. The results of these recommendations include pond water quality so that shrimp farmers are helped by this system and shrimp farmers no longer experience confusion in determining water quality.

Keyword: *Microcontroller, Fuzzy, Fuzzy Sugeno*