Metode Fuzzy Sugeno Pada Mikrokontroller Untuk Penentuan Kualitas Udara On-Line.(*On-Line Weather Station Monitoring System and Air Quality Classification for Rice Fields using the Fuzzy Method*)
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ABSTRACT

Fuzzy Sugeno is a platform used to help human performance in making decisions. Fuzzy Sugeno is based on problems based on farmers' problems. The usual problem for farmers is determining air quality. To help this problem, an On-line Weather monitoring system was created and Air Quality Classification for Arearice fields with Fuzzy Method. This method serves to monitor air quality based on the weighted summation of several criteria. The results of this information include seeing real-time air quality in a certain area so that farmers are helped by this system and farmers don't experience any more confusion.

Keyword: *Fuzzy logic, Sugeno method, MATLAB*