ABSTRACT

Climate change can make the impact in various fields human life such as health. From the health sector, the impact of climate change high as the rainy season prolonged is expected to be extending area water puddle and be a place ideal breeding mosquito and will affect the increase of the frequency of a disease caused by mosquitoes.

The system established in this Final Project is a Decision Support Support System (SPPK) in categorizing types of dangerous diseases caused by mosquito bites. This system uses a method of Fuzzy Multi Criteria Decision Making (FMCDM), where this method is one of the methods to be applied in the case of decision-making. This method take the decision from several alternative decisions on the basis of several criteria (symptoms of a disease) used to get decision.

A series of tests were conducted to determine the accuracy of the system is built. From a series of test scenarios Expert judgment I conducted showed a maximum accuracy 82,72%. *This shows that FMCDM method can be applied in disease diagnosis system of mosquito bites.*

***Keywords**: Climate Change, Mosquito Bites, SPPK, FMCDM.*