

## **ABSTRACT**

*For Indonesia, the disaster is not something foreign to be listened. The word is heard almost and seen everyday. Disaster means an occurrence that causes damage, suffering, loss and even death to humans or the environment caused by natural and human activities. In reality this scientific event is not accompanied by a heightened awareness of society and government. Need a system that can assist this disaster because the disaster can not be prevented, but the handling that responsive will assist to face this risk occurring.*

*Indonesia Red Cross as one of the institutions engaged in the humanitarian field would contribute to this. As if disaster ever struck, the Indonesian Red Cross continues to assist the public in a readily anticipate the impact of disaster risks both before and after. Where rapid decision making required to deal with the disaster.*

*Geographic Information System created is expected to help facilitate the Indonesian Red Cross in the decision support system that performed when the disaster and as a means of information to the public who need the information in emergency response.*

*This geographical information system is still in the form of an application and disasters data are not complex. Improvements and the addition of disasters data will make it better and help in handling the disaster.*

**Keywords:** *geographical information systems, disasters, decision support system*