**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

face will this risk responsive assist to 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

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