

## In Case of Possible Disaster Management with Geographic Information System in Konya

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**Abstract :** The nature of the events going on in the world, when people's lives are considered significantly affects natural disasters. Considering thousands of years of earth history, it is seen that many natural disasters, particularly earthquakes located in our country. Behaving cautious, without occurring hazards, after being disaster is much easier and cost effective than returning to the normal life. The four phases of disaster management in the whole world has been described as; pre-disaster preparedness and mitigation, post-disaster response and rehabilitation studies. Pre-disaster and post-disaster phases has half the weight of disaster management. How much would be prepared for disaster, no matter how disaster damage reducing work gives important, we will be less harm from material and spiritual sense. To do this in a systematic way we use the Geographic Information Systems (GIS). The execution of the emergency services to be on time and emergency control mechanism against the development the most appropriate decision Geographic Information System (GIS) can be useful. The execution of the emergency services to be on time and emergency control mechanism towards for developing to be the most appropriate decision Geographic Information System (GIS) can be useful. The results obtained by using products with GIS analysis of seismic data to the city, manager of the city required information and data that can be more healthy and satisfies the appropriate policy decisions can be produced. In this study, using ArcGIS software and benefiting reports of the earthquake that occurred in the Konya city, spatial and non-spatial data consisting databases created, by the help of this database a potential disaster management aimed in the city of Konya regard to urban earthquake, GIS-aided analyzes were performed.

**Keywords :** geographic information systems (GIS), disaster management, emergency control mechanism, Konya

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