

Analysis on the Role of Crisis Management with Approach of People Participation and Related Organisations During an Earthquake in Dehdasht City

Abstract

The expansion of urbanization and the increasing the number of big cities in the world especially, in developing countries on one hand, and the growth of cities, population density and concentration and the increase of economic loads on the other hand have caused us to pay much more attention to cities and consider several roles and functions for them. Based on the situation of Iran and location of some cities in susceptible places to earthquake, we observe too much loss either financially or people death each year. The amount of these events and the consequent losses necessitates this fact to take this problem into account. In the present study, we want to investigate the role of crisis management with the perspective of people cooperation and the related organizations during earthquake in the city of Dehdasht. The historical city of Dehdasht, which is surrounded by earthquake belt, is one of the Iranian most susceptible cities to earthquake. This fact highlights the importance of this study in crisis management more and more. In fact, the main purpose of this study is reducing the amount of losses caused by crisis and natural events such as earthquake ether people death or financial losses. The method of the present study is based on library research, documentary and field study. In the stage of analysis, first we separate the amount and all the data of characteristics and then we analyzed the data with SPSS software program. Base on the method of Hierarchy Analysis (AHP), and with the use of Expert Choice we rank the data in order to manage them according to crisis management during earthquake in the city of Dehdasht, and with the use of Arc GIS the map of earthquake distribution and the susceptible regions and different parts of the city have been presented. The results of this research showed that based on the analyzed factors, the managements crisis with the perspective of people cooperation and related organizations have a significant effect in prevention of losses caused by earthquake and can help the process of city planning to reduce the earthquake losses a lot.

Kew words: *management crisis, earthquake, Dehdasht City, people cooperation and related organizations, GIS.*



*University of Zabol
Graduate school
Faculty of Literature and Human Science
Department of Geography*

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*Supervisor:
Dr. Kh. Bazzi*

*Advisor:
Dr. GH. Khammar*

*By:
A. Ashkbos*

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