

عنوان مقاله:

(Zoning of Tehran city in order to establish hospitals in normal and crisis circumstances (earthquake

محل انتشار:

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خلاصه مقاله:

Introduction: Earthquake is the most destructive disaster among all nature disasters due to its unpredictability. Tehran, with a population of 7/8 million people, has high seismic potential with many active faults. Hospitals are one of the most effective land uses in decreasing damages caused by earthquake. Hospitals have so many problems with their locations. Inappropriate locations reduce the efficiency of the hospitals in critical conditions. The studies conducted in hospitals about earthquake situations were not comprehensive up to now and each of them investigates the hospitals from one point. So in this research, the indexes for assessing the hospitals were codified comprehensively and then they were integrated with each other. At the end, the results were compared with the current status of hospitals; the situations of each hospital were specified to cope with earthquake. Methods: In this descriptive and analytical study, data was collected by library and collection of archives and documents. Data was analyzed by Analysis Hierarchical Process (AHP) to weight the criteria using GIS and Spatial Analysis extension for combination of criteria. Findings: According to the results, the most adequate places for Tehran hospitals are adjacent, accessibility and spatial points in normal and crisis situations based on the mentioned zones. Conclusion: The results show that more than half of Tehran hospitals has placed in inappropriate zones. If hospitals don't become resistance, they cannot play their vital role in critical conditions. So, the hospitals must be equipped regarding their problems in adjacent or accessibility or location.

کلمات کلیدی:

hospital, locate, spatial analysis, adjacent, earthquake
همجواری، زلزله، مکان یابی، تحلیل فضایی.

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