

عنوان مقاله:

Location Decisions for Health Villages Based on Passive Defense Approach: A Case Study for Isfahan Province, Iran

محل انتشار:

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نویسندگان:

Seyed Alireza Loh-Mousavi - *Department of Industrial Engineering, Lenjan Branch, Islamic Azad University, Isfahan, Iran*

Masoud Taghvaei - *Department of Geography and Urban Planning, University of Isfahan, Isfahan, Iran*

Mohammadreza Vasili - *Department of Industrial Engineering, Lenjan Branch, Islamic Azad University, Isfahan, Iran*

خلاصه مقاله:

This study aims to identify and prioritize the appropriate locations of tourist villages, which are enabled for healthcare activities, in Isfahan province, Iran. It identifies factors affecting the development of these villages and also takes into account the characteristics of passive defense. First, criteria and sub-criteria related to proposed location decision have been identified using literature together with experts' opinions, and the pairwise comparison questionnaire has been designed. A panel of experts and practitioners in the field have been invited to complete the questionnaire and subsequently the weight of each component has been calculated. Then, based on the primary geographical data prepared by different organizations and using geographic information system (GIS), data layers in the ArcGIS software have been created and the appropriate locations in Isfahan province were identified. Finally, using the analytic hierarchy process (AHP) and the weight of each location, the ranking process has been applied and the most appropriate locations have been extracted.

کلمات کلیدی:

Location Decision, Health Village; Passive Defense; Geography Information System (GIS); Analytic Hierarchy Process (AHP)

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