

Abstract

Nowadays, Cities are the densest human habitats, that due to the existence of different uses (vital, sensitive, important) the enemy has been targeted and threatened in various ways that identify threats and enhancing capabilities are the first and foremost requirement for identifying abilities and goals. Hence the most effective way to deal with all kinds of enemy threats is to raise the level of knowledge management in the principles of passive defense which can protect critical and sensitive urban facilities and reduce the impact of threats. The purpose of this research is to identify the various physical – skeletal parts of critical infrastructure of Zabol city from the perspective of passive defense. The present study was conducted using descriptive analytic method and the research data were collected mainly through field studies (interview and observation) and then the Carver matrix technique was used to examine the compliance of public – administrative and public service centers of Zabol city with the principles of passive defense and urban defense in ArcGIS environment. The results of the study after the Carver matrix stage and the evaluation of the 31 administrative service centers of the city in question indicate that 8 centers of city's administrative – service center are critical (point range from 70 to 100), 19 sensitive centers ((point range from 40 to 69) and finally 4 important centers ((point range from 9 to 39) which are in accordance with the principles of passive defense and urban defense issues have not been mapped. Therefore, it is impossible to find out the importance of the centers in this city and to use the principles of passive defense in locating the administrative centers of service in Zabol as a deterrent in the time of possible threats of the enemy and occurrence of natural disasters – finally. There are some suggestions.

Key words: Critical and sensitive applications, Passive Defense, Zabol city



University of Zabol
Graduate school
University Campus
Department of Geography

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**Investigation and analysis of Physical - physical
critical and sensitive urban use from the perspective
of passive defense of Zabol city**

Supervisor:
Dr.A. Kiani

Advisor:
Dr. GH. Khammar

By:
A. Roozbazar

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