The Position Modeling of Proximity in Special Land Use from Passive Defense Point of View in Ahvaz Metropolis

M. Mohammadi Dehcheshme1, S. Heydari Nia2

1. Associate Professor, Department of Geography, University of Shahid Chamran, Ahvaz, Iran
2. Master of Geography and Urban Planning, University of Shahid Chamran, Ahvaz, Iran

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Abstract
Ahvaz metropolis due to its sensitive and unique position in the realms of energy strategy and geo-economic, geo-culture, and geostrategic position of Iran, has strategic position from the perspective of an urban passive defense for the Islamic Republic of Iran. Hence, it is the optimum model of location-specific applications (vital and sensitive) with respect to adjacency issues and one of the passive defense requirements in this city. This study had extracted the location - proximity to vital and sensitive land use in Ahvaz after the recognition of the principles of passive defense and spatial position standards in place.

This study is functional in terms of target and descriptive-analytic in terms of method. The study sample is consisted of all vital and sensitive land use categories, urban installations, facilities management, military - security, support and transportation within the city of Ahvaz. Prevailing approach to data analysis is position analysis and for analysis data the combined model of FGIS- FAHP has been used. In order to analyze the data, after extracting spatial standards, the map distances have been prepared according to the principles of proximity and vicinity in the Special lane use and after next maps overlay in the five named lane use, the fuzzy spatial models derived from particular lane use proximity. The Research findings have shown that 57% percent of especially land use was located in the critical zone of the high risk the principles of proximity between 29% - 55% have been served.

The results show that the region of 7 from principles of proximity Point of View are known as the most vulnerable area of the municipality of the City of Ahvaz and the region of 5 are known as the safest region in Ahvaz.

Keywords: Urban Passive Defense, Ahvaz Metropolis, especially land use, risk.

* Corresponding Author's E-mail: m.mohammadi@scu.ac.ir