Downloaded from geographical-space.iau-ahar.ac.ir at 22:58 IRDT on Friday April 26th 2024

Islamic Azad University-Ahar Branch
Geographic Space
An Approved Scientific, Research-based Quarterly

Zahra Sahraeian[1]
Ali Zangiabadi [2]
Faramarz Khosravi[3]

Spatial Analysis and Site Selection of Health Medical and Hospital Centers Using (GIS) (Case Study: Jahrom City)

Date received: 10 June 2011 Date accepted: 14 April 2012

Abstract

Optimal and balanced distribution of allocated spaces to different types of landuses including, especially, health medical centers and hospitals, is one of organizational requirements. Accurate positioning of these centers is of organization requirements in terms of observing justice in access to health services for all segments of society. In this study, using GIS along with investigating the place-spatial distribution of abovementioned centers in Jahrom city, attempt was made to do a locational analysis and to make a prediction on the location of health-medical centers and hospitals (in the horizon of year 1400). Research methodology of this study was descriptive-analytical. Required data was collected by using 1/2000 landuse map, field observation and studying plans related to Jahrom city. And, using GIS and with the help of analytical hierarchy process (AHP), data processing and analysis has been

1 - PhD.Student in Geogtaphy and Urban Planning, University of Kharazmi.
2 - Associate Professor of Geography and Urban Planning, University of Isfahan.
3 - M.A of Geography and Urban Planning, University of Isfahan.

made according to urban planning criteria. Finally, the most appropriate locations to create the desired centers were localized.

Key Words: Jahrom city, health medical centers, hospital, site selection, GIS, AHP.

Downloaded from geographical-space.iau-ahar.ac.ir at 22:58 IRDT on Friday April 26th 2024