

Spatial Location - Analysis urban parks of Noorabad city by GIS Technique

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Extended abstract

1- Introduction

planning and urban green spaces location in our country as an important element of the user and the environment can Signify Greatly Them an- made environments, as Favorable community and with reduce the damaging effects of expansion of industry and improper use of the technology and raise the level of aesthetics cause increase the quality of life and identity of its residents. It can also improve the chaotic scenes so that the importance of the intuitive user and its compatibility with the environment should be balance and obviously it to unite the city's landscape and visual composition is necessary. Thus there is a need for existence of parks and green

spaces as an existence needing of communities for improve quality life of people living and as a major factor increasing a good balance in the environment should be the top priority in urban planning development. Noorabad City has been flourishing in this research study. The time now is facing a severe shortage of urban green spaces. This research wants to consider and analyze the green space land use of Noorabad city with contributed existence analysis in GIS And finally locate new green spaces, however small step to be taken to solve the problems of city's green spaces.

2- Methodology

The research method used is descriptive analysis, That use city map with scale of 1/5000 through a detailed study of the city and the observed field Collect the required information using GIS software and to help analyze hierarchical Data processing and analysis were performed according to the standards of urban planning and in the end will determine the appropriate location for urban green space.

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3- Discussion

Consideration of green areas of the Noorabad city frequented that area of green space is 302,061 square meters that this is include rate of about 1/6 percentage of legal limit of the city. The city's per capita green space is also 5/8 square meters. Therefore, the need to locate a new green space for the city should be felt. In this survey to locate new green space has been used from Layers of this information: 1) Proximity to Training centers 2) Distance from existing urban parks 3) proximity the center of the area 4) Proximity to residential centers 5) Proximity to cultural and sport centers 6) Distance from troublesome user 7) Distance from the main network 8) Access to sub Network 9) Located in the Good Land use.

Next, we discuss the value of information layers, giving the value of the

parameters is done in, Expert Choice software. First, the criteria and sub-criteria in the site selection of urban green space were determined. Then paired comparison matrix formed. Then criteria and sub-criteria are compared to two barges. After obtaining the relative weights of criteria and sub-criteria, The final weight is obtained by multiplying the values in sub criteria then with Enter final weight to data table's the criteria for location information maps from this tables were generated.

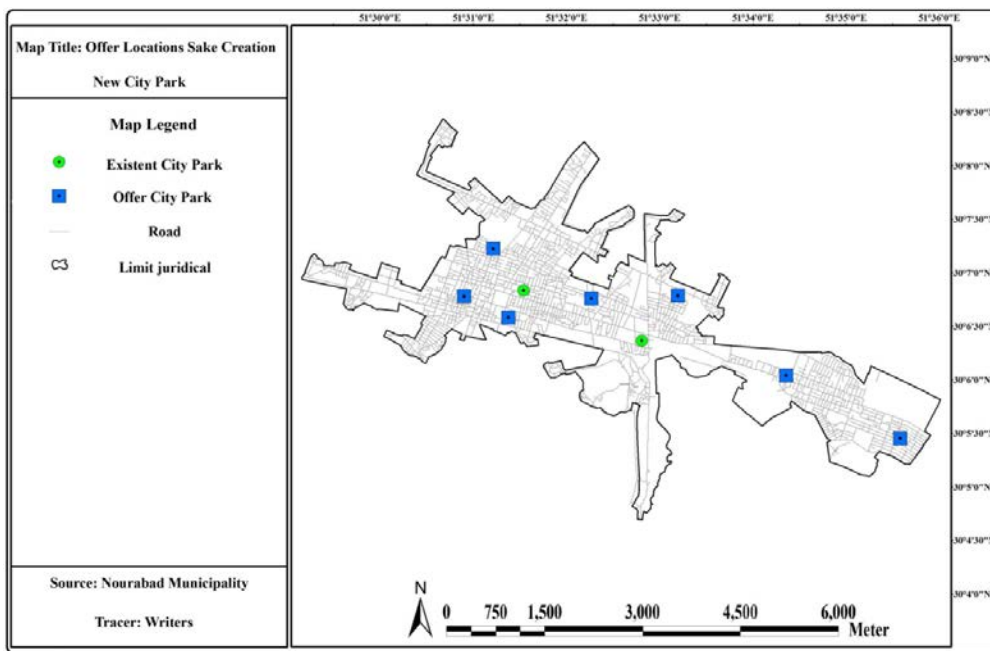
After determining the weights of criteria and sub criteria, consistency in judgment was investigated. If the consistency index be less than or equal to 1/0 consistency in judgments is accepted.

Otherwise, the judgment should be revised. The following table shows the information criteria rating:

land use	proximity to Training centers	Distance from existing urban parks Proximity	Distance from troublesome user	Proximity to sub Network	Distance from the main network	Proximity to residential centers	proximity the center of the area	Proximity to cultural centers	Name of standard
0.234	0.062	0.124	0.068	0.128	0.107	0.107	0.114	0.063	privilege

After determining the weights of criteria and sub criteria turn to enter the weight and composition of the GIS layers appears. The process of composing the layers using index overlay model were carried out that. Finally the studding area in terms of creating new green space is classified into seven categories. In the next phase of site selection pattern matching can be done with ground

realities. In This study determining the optimal location in the GIS software these locations were observed field. Finally the model results match the actual location of the study area and considering all the parameters affecting the site selection process and the amount of land needed to create an urban park finally found many place to create new green space (below shape).



4- Conclusion

Although green space as one of the indicators of sustainable urban development and be remembered, the criteria for recognition of Healthy City. But its lack is felt strongly in the city Noorabad. And spatial distribution of urban parks Noorabad this reflects the low number of parks in the city and its distribution is unfair. So that in most parts of the city center. We have the most coverage. While in other parts of the city are faced with a lack of green space. Thus the need for proper planning to solve the current problems of the city's landscape is felt also results of this study indicate Effectiveness of GIS in urban planning, especially in urban green areas location.

Keywords: urban parks, Geographic Information Systems (GIS), Noorabad city, location, spatial distribution.

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