

**Full Length Research Paper**

Evaluation of Recreational Site Selection and the Prospects of Recreational Establishments in Mysore City.

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Abstract

Recreational land use governs the quality of the city and also the level of planning. The recreational value is generally based on the location of the particular land. If a recreational place is not located in place where it should have been located it reflects the wrong selection of the site. Haphazard and wayward selection of site subsides the ambience of the recreational place and the true value it is bound to produce in terms of pleasure on the people visiting is of great concern. The present study is focused on the location and the ambience of each recreational spots of Mysore city with respect to Geomorphological, Slope, drainage, elevation, Transportation, Proximity to the city, Outer and inner land use, land value, flow of people and conflicts involved in the establishment of these recreational sites. To understand the location aspects of recreational spots of Mysore city, site selection analysis of various recreational points have chosen and analyzed using GIS tools.

Keywords: *Recreational, Haphazard, Geomorphological, GIS*

Introduction

Imparting with land without understanding the nature of its development and what for it will be useful for man and its activities has been neglected in the recent time due to the overcrowding and concentration on a point based vertical growth activities. The people during the ancient time's they were comparatively good in selecting site for different purpose which could withstand all vagaries of the nature. They can be considered to be the best planners, thinkers, Scientist. When we look into the many ancient monumental sites like Mohenjo-Daro, Harappa, Vijayanagara, Mesopotamian, Babylonian civilizations, this clearly reflects that, they have interacted with nature by learning lessons in the form of punishment and on their own by mutual understanding of "Give and Take" policy.

While planning for the city, the town planning authority knowingly or unknowingly have selected a good land for unsuitable purpose. For example the major lake of Hassan town has being converted into bus stand by causing environmental damage as well as a flooded bus stand during the times of rain. In Mysore city many lakes have been dried due to bad planning. In the course of forming residential layouts the feeding Canals were blocked resulting into the death of Lakes. Such dried lakes have been again misused for the purpose of Sports complexes, Exhibition complexes, and Cultural fares and even to the extent of constructing auditoriums. The Mysore Government Medical College auditorium is the best example. In any eventually if there is a prolonged rainfall for a week or more there is no doubt that these depressions (lakes) are flooded by water.

Cities have become the most attractive point of relocation for the rural people. A prosperous city like Mysore attracted people like all categories of various spots of urban to rural sectors. The overcrowding population day by day a particular point and matter series debate under rapid urbanization. The people who lived in a native condition is 1000 square of area or getting packed up in a congestive condition, it means they have abundant the vast land for congestive land. The result of this is shortage of labors for agriculture land in congestive and overcrowded and burdened land in the cities, hence proper monitoring of land use is required both at urban and rural.

Recreation has become one of the integral parts of human life. Man goes for outing for refreshment from his normal or routine life. The place where he prefers to relax should be of good ambience. Among the various forms of recreation people would like to visit the most nearest and affordable. Selection of site for the establishment of a defined recreational place is not regulated by the government or the City Municipality. Hence the recreational places have cropped up in unwarranted location without the complete ambience which do not comply or have minimum standards.

7) The Bandipur National Park is 80 km from Mysore on the way to Ooty, etc. are comes under Mysore tourism diary. In Mysore, parks, open space and green areas face the threat of encroachments by way of accommodation of other land uses. While planning for a new residential layout, existing green spaces may get cleared up and give way to other public and semi-public buildings or houses. In future, greater effort will be needed towards the greening of the urban areas and the urban fringe to mitigate the effects of concrete jungle and reduce the pollution problem. Work has also started on drawing up an urban forestry strategy and an information pamphlet on this strategy through the Forest Department and non-governmental organizations is being circulated.

Objectives and methodologies of studies

Based on the secondary source of information and the available inputs through field study the demarcation of prospective zone of urbanization from the main city will be identified:

A. Location of recreation spot is governed by many factors such as:

- Geomorphology
- Slope
- Elevation
- Land Value Road Connectivity
- Transportation
- Population Density
- Agriculture Productivity of the Land
- Occupation of the local people
- Future Prospects of the Recreation spot
- Water Supply

An analytical study will be done for existing land use and land cover of the city and the results that obtained as negative or positive will be evaluated and adopted for model building inputs. Based on the analytical output the right site for right purpose will be identified through further cross GIS analysis

B. Using GIS analyses find out the wrong Location of Recreation Spots and suitable location in Mysore.

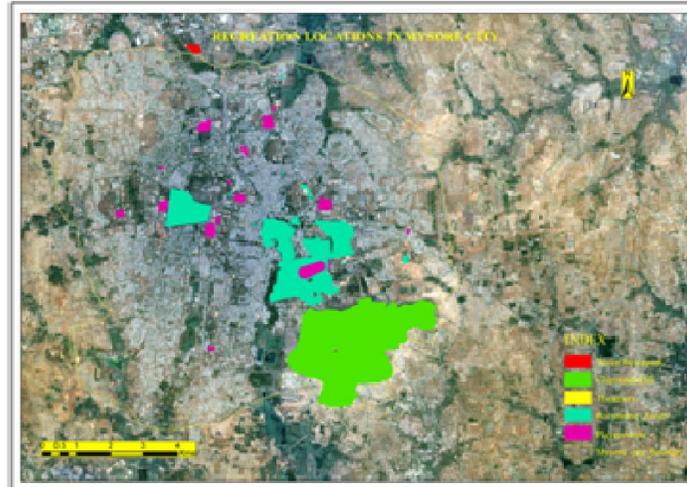
- 1) Mysore although have a status of planned city, it is not having a good plan for many of the amenities which have lacking of one or the other basic facilities such as.
- 2) Location on a bad topography.
- 3) Proximity is either within the city or too far away from the city.
- 4) Lack of road network from different parts of the region or from the city.
- 5) Most productive land converted for recreation spots.
- 6) Location amidst of the industrial region
- 7) Non availability of water source for water fantasy park extracting the groundwater.
- 8)

Evaluation of existing land use

The Existing scenario in the Mysore city about recreational land uses most of the recreational land uses located in the ridge land. Whole recreational land uses area covers like Recreational zone including tourism location and museum location in the city around 78.27 percent, Playgrounds covers 20.34 percent of the total recreational area where as theaters covers around 0.28 percent and there is only one water theme park is located near to the outer boundary almost eight kilometers away from the city covers 1.10 percent. Playgrounds in this area are highly noted because most of the grounds are located in the lakes, Mysore city is flourished with many lakes, this drought lake area converted in to play grounds. This exciting situation is considered as wrong site for playgrounds example JSS playgrounds located opposite of the railway station. Most of the grounds located in ridge land that is 760 to 780 meters elevated area. Location of water theme park also placed in wrong location that is evidenced, when we see business situation of GRS waterpark. (Map.2. & Table.1).

Table 1: Area of Recreational land uses in Mysore city

Sl. No	Recreational Land uses	Area in Sq. kms	Percent
1	Water theme park	0.08	1.10
3	Theaters	0.02	0.28
4	Recreation zones	5.55	78.27
5	Playgrounds	1.44	20.34

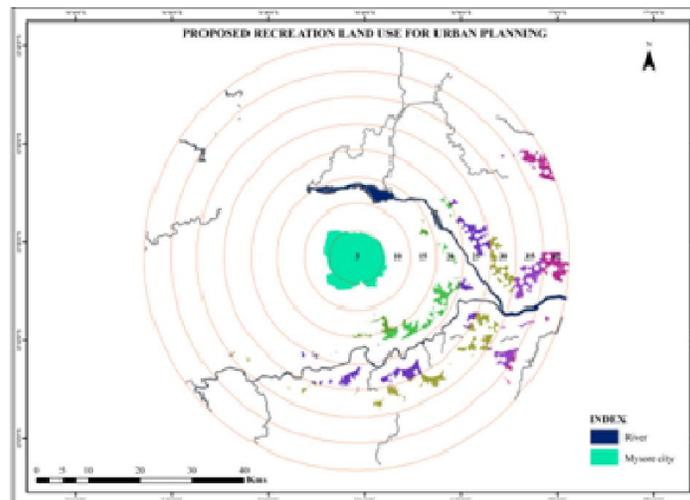


Map 2: Recreational land uses in Mysore city

In Mysore, parks, open space and green areas face the threat of encroachments by way of accommodation of other land uses. While planning for a new residential layout, existing green spaces may get cleared up and give way to other public and semi-public buildings or houses. In future, greater effort will be needed towards the greening of the urban areas and the urban fringe to mitigate the effects of concrete jungle and reduce the pollution problem. Work has also started on drawing up an urban forestry strategy and an information pamphlet on this strategy through the Forest Department and non-governmental organizations is being circulated.

Proposed zones for recreational land uses

Model shows the proposed distance wise for recreational land uses for future planning. This buffers models possesses the distance five kilometers distance between each circle. The land area of this model possesses 5026.53 square kilometers. The total area spreads almost three districts like Mysore, Mandya and some part of Chamrajnagar districts. The center point of the buffer circle starts from the KR circle within the city. The first five kilometers buffer zone covers almost city developed region so this area considered as existed land. In this proposed model the land chosen for recreational, Non Air Polluting Industries, Religious, Vegetable land uses. Most of the land comes under this region is elevated 660 to 680 meters, so this region called as mid valley land. Mid valley land is considered as the most suitable land for this kind of urban land uses as per the geomorphological criteria. (Map.3.) The proposed land for recreational activities between 10 to 15 kilometers proposed for 2000 to 2015 years and 15 to 20 kilometers land is proposed for 2015 to 2018 years land use planning, and 20 to 25 kilometers distance land is proposed for 2018 to 2020 years, 25 to 30 buffered distance land is suitable for 2020 to 2025 years land use planning like wise it considers as per the years and distance. Another important criteria when selected land from each division of land I excluded the areas two kilometers from river boundary for both side of the rivers and water bodies ,also 500 meters of area from each village location.



Map.3: Proposed recreational land use for urban planning

Conclusion

Basically the models are developed on the grounds of physical loose and for a long term planning, that is for another period of fifty years. It also born in mind that the model that designed it is exclusively for Mysore city under the conditions of geomorphological landscapes. The other places possessing similar to the Mysore city geomorphology may fitting partially to this model. Hence it is recommended that, these models are region restricted. Another important aspect to be born in mind that the proposed models are at a macro level which further requires a sub level micro scale planning within the proposed land use such as residential, commercial, vegetation, industries, etc. Therefore, these models can be viewed as a real model to take some ideas and methodology to formulate a planning for another place.

References

- Goodman, I. William and Freund, C. Eric., 1968, Principle and Practice of Urban Planning, Institute for Training in Municipal Administration by the International City Mayors Association, New York.
- Gowda, Krihne and Sridhara, M. V., 1987, Urban Forestry and Impact on Environment: A study of Mysore City, pg. 169 - 181 in Singh, Pramod (ed), Ecology of Urban India, volume II, Ashish Publishing House, New Delhi.
- Rooden, F. C. Van., 1983, Greenspace in Cities, pg. 10-24 in Grove, A. B. and Gresswell, R. W. (eds) City Landscape, Butterworths, London.
- Dr. Arun Das, S., Land Use and Land Cover Analysis of Class II Cities of India a case study of Mysore city.
- Uchida, Akira., et al, 1997, Study on Method for Visual Evaluation of Sloped Wooded Area, pg. 146-156 in Computers in Urban Planning and Urban Management, Sikdar, P. K., et al (eds), Narosa Publishing House, New Delhi.
- Mr. Santosh Bhailume, "A Geographical study of Civic amenities in PMC area using GIS techniques" Vol - I , ISSUE, VI, July 2011.
- Ni-Bin Changa, "Combining GIS with fuzzy multi criteria decision-making for landfill siting in a fast-growing urban region received in revised form 28 October 2006; accepted 4 January 2007.