

摘 要

公园绿地作为城市重要的生态环境空间，为城市化进程提供环境基础及景观保障。制定普适性、操作性强的城市公园绿地公平性指标，有利于维护城市容貌、优化城市绿地布局，为人居环境的基础建设夯实基础。本文通过对现有的城市公园绿地公平性指标进行归类及总结，基于服务效力公平价值观，拓展其内涵：无论个体所处的人居环境条件如何，其获得的城市公园绿地数量、质量应该平等。本研究基于可达性模型，构建社区复合人居指标体系以及公园绿地质量评价体系，从公园的数量、类别、林地占比、水体占比、游憩设施数量等方面评测城市公园质量，选取东莞市东城街道进行案例分析。研究表明：（1）东莞市东城街道公园绿地总量大，但公园质量差异较大，平均质量有待提升。（2）东城街道的城市公园绿地布局有较高的可达性，公园服务区覆盖面积约为 8352.581 公顷，占比约为 77.71%，但专类公园和游园服务覆盖率约为 9.78%、8.80%，仍存在较大的缺口。（3）研究区公园绿地数量的公平性较高而质量的公平性还有待提高，公园绿地社会公平性呈现中等的水平。基于以上研究结果，提出优化城市公园结构、提升公园整体质量、加强公园的开放性 & 完善城市建设等意见。

关键词：公园绿地；公平性；城市绿地系统；GIS；相关性分析

Abstract

As an important ecological environment space in the city, park green space provides the environment foundation and landscape guarantee for the urbanization process. The establishment of universal and operational indicators for the fairness of urban park green space is conducive to the maintenance of urban appearance, the optimization of urban green space layout, and the consolidation of the foundation for the construction of living environment. This paper classifies and summarizes the existing indicators of urban park green space equity, based on the value of service effectiveness and equity, and expands their connotation: no matter what the individual's living environment is, the quantity and quality of urban park green space should be equal. Based on the accessibility model, this study constructed a composite residential index system for communities and an evaluation system for the quality of green space in parks. It evaluated the quality of urban parks from the aspects of the number, category, proportion of forest land, proportion of water and number of recreational facilities of parks, and selected Dongcheng streets of Dongguan city for case analysis. The results show that : (1) the total amount of green space in Dongcheng street park in Dongguan city is large, but the difference in park quality is large, and the average quality needs to be improved. (2) the urban park green space layout of Dongcheng street has a high accessibility. The park service area covers an area of about 8352.581 hectares, accounting for about 77.71% of the total area. However, the coverage rate of specialized parks and amusement parks is about 9.78% and 8.80%, which still leaves a large gap. (3) the amount of green space in parks in the research area is relatively high, while the quality of green space in parks is yet to be improved. Based on the above research results, Suggestions are put forward to optimize the urban park structure, improve the overall quality of the park, strengthen the openness of the park and improve the urban traffic construction.

Key words: park green space; Fairness; Urban green space system; GIS; Correlation analysis

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