

The role of public transportation (TOD) development in spatial justice of the city (Case study: Kermanshah)

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Abstract

Introduction: Justice is a concept that has never been free from human concern. Development that does not include justice will not lead to progress; therefore, progress without justice means the development of poverty. In urban planning, what helps to achieve greater urban justice is attention to spatial justice and balancing between population concentration and services

Therefore, the research seeks to explain the position of public rights in the urban planning system with emphasis on the public transportation system and also the network analysis of the public transportation system from the perspective of spatial justice, in order to achieve social justice. The main research problem, which is titled TOD-based public transportation development in spatial justice of Kermanshah city, is stated And a comprehensive explanation is provided about the necessity of addressing spatial justice in the 8 regions of Kermanshah city, and one of the variables examined in this study in relation to the public transportation system is social justice. From a geographical point of view, social justice in the city is synonymous with the fair distribution of facilities and services between different urban areas and equal access to them by citizens.

Materials and Methods: The research method of this article is a mixed method and is a type of applied-fundamental study. The present study, using ARCGIS software and using the Network-Analyst technique, has examined the public transportation system in 8 districts of Kermanshah city, citing the standards of access to stations

Results and Discussion: The results of the research analysis show that the existing public transportation network (taxi and bus) covers a very limited area of the 8 studied areas. Areas 2 and 1 municipality of Kermanshah city have adequate access to the public transportation system

Access to stations by residents of other neighborhoods occurs over very long periods of time, which is due to the lack of expansion and disproportionate spatial distribution of the public transportation network in the city of Kermanshah, which has led to challenges in achieving spatial justice

Conclusion: The city of Kermanshah has become, after which the realization of spatial justice has faced challenges.

Keywords: Spatial justice, Public transportation system (TOD), Kermanshah city, Eight regions.

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