

عنوان مقاله:

Identifying Walkability Oriented Social Inclusion Constituent Measurement Factors and Dimensions

محل انتشار:

نوزدهمین کنفرانس بین المللی مهندسی حمل و نقل و ترافیک (سال: 1401)

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خلاصه مقاله:

Major risks have been intensified by uneven urban development in the built environment in the recent years. Reduced walkability as one of the most basic personal and social needs of the citizens is an example of this. On the other hand, most of the pedestrian urban planning and designing is not suitable for all social groups, so that lack of access to urban services and facilities for everyone has led to social isolation in most cities. In the meantime, it seems that walkability development can simulate social inclusion through encouraging all society groups and people to active participation in the society and enhance participation and interaction. In this study, it has been attempted to identify factors and dimensions of walkability and determine the effect of each dimension on social inclusion using expert survey method, Delphi analysis, and statistical analysis. Then, the concept of walkability oriented social inclusion (WOSI) was introduced based on identified components as a modern concept and frame work in human centered development. According to one-sample t-test, social and environmental factors with the mean values of ۳.۹۳ and ۳.۷۴ respectively had the largest effects on social inclusion compared to other factors affecting walkability. ($p > 0.05$) The study results show that, attention to build environment, viewpoints and tendencies of people in addition to legal procedures may have more ameliorating effect on general access, mobility, freedom of choice, citizen's interaction and participation and finally access to WOSI compared to other effective factors.

کلمات کلیدی:

Walkability, Social Inclusion, PESTEL, WOSI

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