

Identifying the Priority of Indicators Affecting Users' Satisfaction of Park Landscape Design through the Urban Agriculture Approach

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Abstract

Parks, as one of the important areas of urban life, play an important role in the lives of people. Nowadays, the environmental dimension, social dimensions, health and its economic role in the life of users are taken into consideration. Among the global approaches that have taken into consideration all the mentioned dimensions in different manifestations of urban green spaces including parks, is the topic of urban agriculture. Considering the importance of this discussion, in the first step, this research used the Delphi technique to clarify the conceptual framework of the research to extract the important output indicators of a park designed with an urban agriculture approach from the perspective of experts in the field of landscape architecture and urban design and in the second step, their priority in users' satisfaction with the design of the urban agricultural park was explored based on Friedman's test. The sample size in the first step was 17 experts and in the second step, 120 people of city park space users were selected as the sample size. The results of the research showed that among the dimensions, the health dimension is the priority of the users' attention. Also, in the review of indicators and sub-indices in the environmental dimension, the management index and its sub-index, i.e. increasing the amount of green space, were prioritized. In the socio-cultural dimension, the indicators of participation and education and the sub-indices of collective and individual activity and skill development were prioritized. In the economic dimension, the index of attention to the economic infrastructure and the sub-index of helping the land economy were prioritized. And in the health dimension, physical health and sub-indices of individual and collective recreation and physical activity were prioritized. These results can be considered as a complement to the landscape design of parks with the approach of urban agriculture, along with the experts' point of view.

Keywords: Park, Urban Agriculture, Landscape, Interaction.

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