

A Study on the Overall Enhancement Strategy of Mountainous Urban Stairway Space Based on Environmental Behavioral Science: Taking the Shibati as an Example

Authors : Hao Fu

Abstract : Mountain city stairway space is a unique spatial form of mountainous cities represented by Chongqing. This form of space is caused by the topography of high and low in the city, people mainly regarded it as a transportation space initially, but with the progress of the society and the rapid development of the city, people's demand for space is more composite, and at the same time, the function of the mountain city stairway space is also constantly transforming and integrating to become more comprehensive and diversified. The Shibati (eighteen stairs in Chinese) located in Chongqing Yuzhong Peninsula is one of the typical representatives. As a typical stairway space in Chongqing, the Shibati has precious historical significance and cultural value. Due to the change of time, the Shibati has gone through several repairs and renovations, and due to the dilapidated houses and inconvenient transportation, more than 90% of the original inhabitants have long been relocated, and the vast majority of the original buildings have been bulldozed and demolished, leaving only a few historical buildings. In 2021, a Beijing-based design company completed the renovation of the core buildings of the Shibati in Chongqing, and a large number of various kinds of catering and entertainment businesses have been introduced into the building, which has become a representative staircase space of the central part of the Chongqing district. Through the field research, the author personally experienced and perceived the spatial vitality of the Shibati, marveled at the rich commercial atmosphere, but still found many problems, such as the lack of traditional memories of the Shibati caused by the large-scale demolition and construction, the internal commercial space and form of the stairway space is "Netflix"-like and uniform, the lack of regional characteristics, the incomplete spatial sequence, insufficient open space, etc. The author also found that the space of the stairway space is very similar to the traditional space of the Shibati, and that there is a lack of traditional commercial spaces. The space sequence is incomplete, and the open space is insufficient. Based on this kind of phenomenon, the author carries out research and discussion in this paper, through the technical route of "raising problems → analyzing problems → solving problems", collating existing theoretical information, combining the results of field research, and finally arriving at a series of measures for the inheritance of spatial memories and spatial vitality enhancement of eighteen ladders, and hoping to provide some references for the renewal and renovation design of similar ladders in the mountainous city. It is hoped to provide some references for the design of similar mountain city stairways in terms of renewal and renovation.

Keywords : spatial memory, environmental behavioral science, mountain cities, stairway space, spatial enhancement

Conference Title : ICUSS 2025 : International Conference on Urban Sustainability and Strategies

Conference Location : Prague, Czechia

Conference Dates : March 10-11, 2025