

Sustainability Enhancement of Pedestrian Space Quality in Old Communities from the Perspective of Inclusiveness: Taking Cao Yang New Village, Shanghai as an Example

Authors : Feng Zisu

Abstract : Community is the basic unit of the city, community pedestrian space is also an important part of the urban public space, and its quality improvement is also closely related to the residents' happiness and sense of belonging. Domestic and international research perspectives on community pedestrian space have gradually changed to inclusive design for the whole population, paying more attention to the equitable accessibility of urban space and the multiple composite enhancement of spatial connotation. In order to realize the inclusive and sustainable development of pedestrian space in old communities, this article selects Cao Yang New Village in Shanghai as a practice case, and based on the connotation of inclusiveness, the four dimensions of space, traffic, function and emotion are selected as the layers of inclusive connotation of pedestrian space in old communities. This article identifies the objective social needs, dynamic activity characteristics and subjective feelings of multiple subjects, and reconstructs the structural hierarchy of "spatial perception - behavioral characteristics - subjective feelings" of walking. It also proposes a governance strategy of "reconfiguring the pedestrian network, optimizing street quality, integrating ecological space and reshaping the community scene" from the aspects of quality of physical environment and quality of behavioral perception, aiming to provide new ideas for promoting the inclusive and sustainable development of pedestrian space in old communities.

Keywords : inclusivity, old community, pedestrian space, spatial quality, sustainable renovation

Conference Title : ICSUDSP 2024 : International Conference on Sustainable Urban Development and Spatial Planning

Conference Location : Montreal, Canada

Conference Dates : August 05-06, 2024