

Exploration of Community Space Environment Renewal Strategies Based on the Concept of Disaster Chain

Authors : Ma Chaoyang

Abstract : With the acceleration of urbanization, old communities are facing renewal problems such as an aging material environment, declining living quality, and insufficient resilience. The once glorious old communities have become the most vulnerable areas in the city. Through a re-understanding of the 'disaster chain' and resilient communities, it is believed that considering the construction of resilient communities during community renewal is of great significance for promoting the sustainable development of communities. This article proposes renewal strategies for old communities based on the concept of preventing the occurrence of disaster chains. After analyzing the main demand characteristics of old communities, it proposes a reflection on improving community spatial safety resilience based on the 'broken chain' concept. In the four stages of 'pre-disaster, mid-disaster, and post-disaster', it elaborates that considering the occurrence of disaster chain in community renewal is the main content of research on spatial safety resilience construction and clarifies that community resilience is the idea and principle of responding with the process of disaster chain. The study focuses on the four dimensions of 'pre-disaster, mid-disaster, and post-disaster'. This can provide ideas and references for resilience construction in community updates.

Keywords : community updates, disaster chain concept, community resilience, space environment

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