

Research on Traditional Rammed Earth Houses in Southern Zhejiang, China: Based on the perspective of "Geographical Embeddedness"

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Abstract : Zhejiang's special geographical environment has created characteristic mountain dwellings with climate adaptability. Among them, the terrain of southern Zhejiang is dominated by mountainous and hilly landforms, and its traditional dwellings have distinctive characteristics. They are often adapted to local conditions and laid out in accordance with the mountains. In order to block the severe winter weather conditions, local traditional building materials such as rammed earth are mostly used. However, with the development of urbanization, traditional villages have undergone large-scale changes, gradually losing their original uniqueness. In order to solve this problem, this paper takes traditional villages around Baishanzu National Park in Zhejiang as an example and selects nine typical villages in Jingning County and Longquan, respectively. Based on field investigations, extracting the environmental adaptability of local traditional rammed earth houses from the perspective of "geographical embeddedness". And then combined with case analysis, discussing the translation and development of its traditional architectural methods in contemporary rammed earth buildings in southern Zhejiang.

Keywords : geographical embeddedness ,lighting, modernization translation, rammed earth building, ventilation

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