



“Gheorghe Asachi” Technical University of Iasi, Romania



THE PLANNING AND DESIGN OF RURAL LIVING SPACE BASED ON SBE: A CASE STUDY OF XUZHOU CITY

Xuehong Tan^{1,2*}, Xinghui Li²

¹*School of Environmental Engineering, Xuzhou University of Technology, Xuzhou 221008, China*

²*Xuzhou Green Landscape Design Co., Ltd., Xuzhou 221008, China*

Abstract

Rural living space was the place where rural residents live in daily life. The scenic beauty evaluation of rural living space was of great significance for protecting the traditional rural fabric and planning and designing a reasonable and beautiful living environment. Taking Ni-yuan village, Zi-shan village, Mo-shi-tang village and Chen-you-fang village as the research objects, 40 selected rural living space landscape samples were evaluated with SBE (scenic beauty evaluation) method, the factors affecting the scenic beauty were analyzed, and the strategy of rural landscape planning and design was discussed. The results showed that: The average SBE value of the four villages was Zi-shan village > Ni-yuan village > Chen-you-fang village > Mo-shi-tang village. The evaluators were generally satisfied with the rural living space. Regression analysis showed that the SBE value of rural living space was mainly affected by environmental cleanliness, rural cultural characteristics and landscape material ecology. The key points to be considered in the planning and design of rural living space were the protection of the original rural texture and vegetation, local materials, appropriate public activity space and rural residents' participation.

Key words: living space, rural landscape, scenic beauty evaluation, Xuzhou

Received: June 2023; Revised final: Iunie, 2024; Accepted: May, 2024; Published in final edited form: May, 2024

* Author to whom all correspondence should be addressed: e-mail: tanxuehongtan2019@163.com