

# Research on the path of promoting rural Revitalization through Landscape architecture

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**Abstract:** Under the background of the new era, the country attaches great importance to the coordinated development of ecological civilization construction and rural revitalization. Landscape architecture as a big tool to boost rural revitalization, its industry development serves the rural ecological revitalization in the rural revitalization, participate in the planning, design and management of the ecological civilization construction of rural revitalization, is an important battlefield for the construction of beautiful countryside. This article tells the significance of landscape architecture to boost rural revitalization, in view of the relevant management system is not perfect, participation in rural revitalization means monotonous, industrial revitalization practice and ecological culture organic integration, etc. It puts forward the corresponding path of formulating relevant management standards, taking the characteristic of multiple layers, informatization landscape architecture construction road, organic integration of ecological culture and industry to revitalize rural industry practice.

**Key words:** Landscape architecture; Rural revitalization; Ecological culture

Since the implementation of the strategy of rural revitalization, the construction of rural industries has developed rapidly, and the ecological and cultural features of rural areas have become more local. Farmers' lives are becoming richer and more beautiful. In this regard, landscape architecture has played an important role. Its participation in industrial planning, environmental protection, management and construction in the rural revitalization work is an important help to create a rural cultural environment, build a beautiful countryside and revitalize rural industries. In the specific practice of rural vitalization, there are still some problems in landscape architecture, such as imperfect management standard system, lack of diversified vitalization means, and incomplete integration of industrial development and ecological culture. This paper will put forward relevant suggestions on the problems of landscape architecture in promoting rural vitalization, so as to make a contribution to the prosperity of farmers, the development of rural industries and the construction of beautiful countryside.

## 1. The significance of Landscape architecture in boosting rural revitalization

The objectives of landscape architecture research are consistent with the geographical and spatial location of rural vitalization, and the specific implementation path is highly unified with the design, planning, management, construction, environmental protection and other aspects of rural vitalization. The requirements of its professional disciplines are the core of rural vitalization. Landscape architecture is an important carrier of rural spirit and culture in China, and plays an important role in promoting the inheritance of excellent culture in rural revitalization, beautifying rural buildings and coordinating local cultural relations. The major of landscape architecture can provide suitable professionals for the rural revitalization work and promote the rural revitalization.

In addition, in the eyes of rural revitalization, such ecological resources as clear water and green mountains are the gold and silver mountains in the eyes of rural revitalization, and are the key protection objects of ecological civilization construction. Landscape gardens, consistent with their starting point, also need to strengthen the protection of ecological civilization, participate in ecological environment restoration, and carry out the overall ecological protection and restoration of rural landscape and farmland, lakes, birds, animals and fish, trees and sand prevention, etc. Participate in comprehensive management and overall planning to achieve coordinated development of rural revitalization and ecological civilization construction.

## 2. Problems of Landscape architecture in promoting rural revitalization

### 2.1 The relevant management standard system is not perfect

In the Law of the People's Republic of China on the Promotion of Rural Revitalization promulgated by the CPC Central Committee in June 2021, relevant provisions are mentioned in the four directions of overall planning and building rural revitalization hardware facilities, grasping rural revitalization software, and protecting rural cultural traditions, providing certain policy support for the issuance of rural revitalization laws, regulations, and relevant rural revitalization documents. Provinces, cities and towns have also introduced relevant standards, measures and policies on rural vitalization. However, the establishment of the relevant management standard system of landscape architecture in rural vitalization has not yet been perfected.

The research on landscape architecture to serve the specific needs of rural revitalization construction is insufficient, the relevant management norms are vague, and the details of the management standards for landscape architecture have not been perfected. The contact between relevant enterprises and rural landscape architecture talents is relatively loose, and there is a lack of specific requirements and standards for ecological environment restoration.

### 2.2 The means for landscape architecture to participate in rural revitalization are monotonous

At present, there are some problems when landscape architecture professionals participate in rural vitalization work. The talents involved in the planning and design of rural revitalization lack the deep meaning of the new "agriculture, rural areas and farmers", which makes the work stay on the surface. In addition, the rural vitalization work mode of landscape architecture planning and design is

monotonous, and the related facilities building and landscape renovation plan are basically the same as the urban model. It does not highlight rural characteristics and cannot comply with the basic law of rural development, which leads to frequent social problems in the process of vitalization work. Moreover, rural activities carried out in accordance with the urban model tend to result in the same appearance of large and small villages. It has no characteristics at all, brings aesthetic fatigue to people, and eventually leads to the appearance of a city but inconsistent connotation, which cannot effectively promote rural revitalization.

### 2.3 The practice of industrial revitalization is not organically integrated with ecology and culture

At present, when landscape architecture professionals participate in the work of rural revitalization, the abundant ecological and cultural resources in rural areas are neglected and the resource management is not fully coordinated. The revitalization of rural industry pursues economic development too much and aims to make “achievements” as soon as possible, but neglects the fact that the revitalization of rural industry needs the coordinated development of rural ecology and culture. It should not only consider economic growth, but also coordinate ecological, cultural, economic, social and political factors. Moreover, in the process of industrial revitalization, the pre-construction scale is large, the time is tight and the task is heavy. In order to save investment, the protection of ecological environment is often ignored. It is inevitable that the local culture is ignored in the construction of roads, and the road construction scheme with the most time and labor saving is selected, which is difficult to attract local residents to actively participate in the construction of rural industries.

## 3. landscape architecture to boost the path of rural revitalization

### 3.1 Formulate relevant management norms and standards

First, for landscape gardens to promote the work of rural revitalization related to the imperfect management standards. The government should promulgate the evaluation criteria and relevant index standards for the rural revitalization work as soon as possible, and test the final effect of the rural revitalization promoted by landscape architecture according to the relevant standards. Specifically, the formulation of various standards and regulations for the rural experience process should include experience indicators, relevant evaluation criteria, calculation methods and formulas. In order to find out the problems existing in the construction of beautiful countryside and the promotion of rural revitalization by landscape architecture.

Second, formulate relevant standards and requirements for rural ecological restoration, highlighting specific governance standards for ecological protection and restoration of natural resources such as rural fields and soil, rocks and civil engineering, forest vegetation, above-ground mountain springs, underground tap water and rural air purification, and formulate relevant evaluation standards and principles for rural ecological protection and restoration.

Third, in collaboration with other relevant majors that can promote rural revitalization work, formulate relevant construction standards such as building a low-carbon countryside, building a new era of informationized rural industry, as well as relevant construction standards for rural ecological environment protection and green health infrastructure. In addition, we should improve the standards for the improvement of rural residents' cultural environment, attach importance to the cultural culture of local villages, respect local rural features and customs, make corresponding environmental protection and governance, and maintain rural security, so as to provide specific implementation standards and government support and guarantee for the rural revitalization construction with coordinated development of ecological civilization.

### 3.2 Take the road of diversified and stratified characteristic and informationized landscape architecture construction

Relevant landscape architecture professionals involved in the construction of rural revitalization work need to seek relevant development experience from the development process of rural industries in different places, sum up the advantages of relevant rural industries, and develop diversified rural industry development ideas based on the characteristics of rural industry development advantages, innovate relevant specific implementation measures, and put forward helpful hierarchical management of rural industries. Relevant countermeasures and suggestions for hierarchical development of rural industries. Focus on the relevant rural natural ecological protection and restoration projects, through reasonable and scientific means to coordinate the rural natural ecological resources, optimize the construction of rural spatial facilities, and do a good job in the rural building renovation projects to protect the traditional rural cultural features.

For example, in order to build “green” and “sustainable development” rural infrastructure construction system and build beautiful countryside, modern high-tech equipment can be used to scan the overall rural appearance, actively communicate with the local village committee cadres, respect their opinions, retain the local rural style, and then carry out the corresponding design. For the villagers have doubts, do a good job of relevant sample charts, through drawings, multimedia and other equipment that can directly express the construction intention to explain to local villagers, reasonable use of big data for local rural planning infrastructure facilities. In addition, neighboring villages or villages with outstanding achievements can be mobilized through network information big data to show the advantages of this measure, explain the benefits with local villagers, and get strong support from local villagers before the construction.

### 3.3 Organic integration of ecology, culture and rural industry

#### 1. Organic integration of ecology and rural industries

In the process of landscape architecture boosting rural revitalization, the revitalization of rural industry is the most critical link. The sustainable development of rural industry drives the improvement of villagers' economy, which is the main purpose of rural industry revitalization. Most villages mainly rely on traditional agriculture, and selling crops is the source of their economic income. Generally, the income level is not high. In the process of rural revitalization promoted by landscape architecture, the realization of sustainable development

of rural industries is an important prerequisite for the prosperity of farmers. Only by achieving the “beauty of rural industries” can the “beauty of rural environment” be realized quickly, and then the ecosystem will be stable and the ecological development will be healthy in the following long-term maintenance, so as to truly realize the “beauty of ecological environment”.

Related landscape architecture professionals involved in rural revitalization work through the overall planning of “improving buildings, demolishing dilapidated houses, increasing green facilities, building roads, restoring landscape” and other comprehensive factors in the village, to implement the rural industry renovation plan, and then realize the comprehensive optimization of rural roads, buildings, natural landscape, humanistic feelings and ecological system. Promote the organic integration of ecology and rural industries, so that the traditional countryside gradually complete the transformation from traditional natural countryside to scenic countryside, tourism countryside, protect the rural ecology at the same time into modern urbanization factors, forming a unique rural industry.

For example, the rural revitalization project of Handan Mountain area in Hebei Province adopts the rural spatial layout of “two plus two plus N”. Starting from vigorously developing the rural collective economy, it strives for the direction of urbanization development, focusing on the development of rural industries, the integration of rural natural resources, the construction and protection of ecological civilization, etc., so as to realize the increase of farmers’ production and income. In this regard, based on the organic integration of ecology and rural industry, relevant staff involved in rural revitalization, by taking advantage of the characteristics of the local rural river, through infrastructure facilities to improve the diversity of water in the river, retain the local rural biodiversity, for all kinds of local aquatic animals placement of natural habitat, improved into a natural landscape.

## 2. Organic integration of culture and rural industry

In order to revitalize rural industries, relevant landscape architects should deeply explore local rural culture, devote themselves to creating tourist attractions with local rural culture, explore local rural historical allusions or historical celebrities, promote local rural culture with familiar allusions or celebrity effect, and realize the revitalization of relevant industries. Proper publicity of rural culture, without exaggeration, is the embodiment of the long-term vitality of rural landscape, but also the core of attracting tourists.

Professionals participating in the industry revitalization work can not only promote the local traditional rural culture through historical allusions, but also develop local customs into relevant programs and other means to increase the way of cultural transmission of rural industries, which not only enriching the tourist programs of local scenic spots, but also letting more people know about local rural customs and respect local rural culture.

For example, in the mountain village revitalization project of Handan City, Hebei Province, the staff extracted the relevant mountain village culture and history, and combined it with historical allusions to tell lifelike stories of ancient villages, which greatly promoted the popularity of the village and attracted many tourists to visit. In this story, the comprehensive landscape factors of the local countryside are integrated. Through the reasonable layout planning of rural construction, combined with the rural culture, the series of historical allusions are carried out to carry out various related story experience projects, such as horseback riding, archery and other activities, and local village members act as guides to tell the humanistic feelings, suggesting tourists to strengthen the awareness of environmental protection. And sell sugar figurine, lanterns and other traditional crafts on both sides of the rural road to promote rural traditional culture.

Conclusion: To sum up, in the process of promoting rural revitalization work by landscape architecture, relevant professionals should pay attention to the imperfect evaluation standards and relevant standards of rural revitalization work, and the monotonous means and single mode of landscape architecture industry’s participation in rural revitalization, which did not organically integrate with ecology and culture in the construction of rural revitalization. In view of the above problems, the government should speed up the formulation of various standards and systems in the relevant rural revitalization work. The relevant talents involved in rural revitalization should adhere to the multi-layered characteristic and information landscape construction road, make reasonable use of the convenience of big data in the information age, and pay attention to the organic integration of rural industry revitalization with ecology and culture. Give full play to the function of landscape architecture as the sharp edge of rural revitalization.

## References:

- [1] Yu Zhang, Fucun Cao, Leichang Huang. [J]. Shanxi Architecture, 2020(02):12-13.
- [2] Xiuyu Zhang, Chenyi Shi, Jinling Pei, et al. Actively practicing the holistic system view of “overall management of mountains, rivers, forests, fields, lakes and grasslands” [N]. China Environmental News, 2020(12):25-26.
- [3] Xiaoping Tian. Clarify the new requirements for standardization of rural revitalization Strategy [J]. China Quality and Standards Review, 2019(03):21-23.
- [4] Jieyu Zhu. [J]. Urban Architecture Space, 2022(12):31-34.