

# Research on the application of regional culture in landscape design

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**Abstract:** Landscape architecture is the integration of material and spirit, and different areas present different landscapes. Its design process is affected by the regional economy, politics, human history, geographical environment and other factors, such as ignoring the actual regional cultural characteristics will make landscape architecture design meaningless. This paper mainly introduces the regional culture and the importance of integrating regional culture into landscape design and puts forward how to apply regional culture to landscape design to effectively enhance the form and connotation of landscape design.

**Keywords:** Regional culture; Landscape design; Art and design

## 1. Introduction

With the continuous development of the economy, the urbanization process in all regions of the world is rapidly advancing. The landscape art design is also making continuous progress. Landscape works to a certain extent reflect people's living conditions, vision for the future, education level, and people's quality of life. At the same time, people put their hopes for regional culture, humanistic characteristics, and urban development in garden construction. Because landscape design is the main way for people to understand a region first, landscape design works containing regional culture will also become a name card or landmark of the region, which is the best publicity for local culture [1]. Therefore, it is very important to integrate cultural elements into the design of landscaped gardens. Under the background of advocating the innovation and inheritance of traditional culture, the integration of regional culture into landscape design is endowed with fresh vitality and characteristics of The Times, and it is feasible to inject regional culture into the landscape design [2]. The following paper will analyze and discuss regional culture and landscape design as well as their relationship and application.

## 2. The concept and characteristics of regional culture

### 2.1 Concept of regional culture

Nowadays, regional culture is a hot issue, and developing countries begin to pay attention to their own local culture. As the saying goes, "One land and one people are nourished by one soil", regional culture is a fixed culture gradually formed over time under the influence of the regional environment and humanistic characteristics in the process of cultural development. This special humanistic spirit not only highlights the spiritual outlook of people in this region, but also the unique social behaviors, values, and customs of this region. Professor Ge Jianxiong believes that "regional culture is the cultural type that can best reflect the characteristics of a region or a spatial range" [3]. People are the creators and witnesses of regional culture. Regional culture is not only the spiritual wealth accumulated by people but also the inheritance and development of history. The formation of regional culture is accumulated in people's life for a long time, which contains people's outlook on life, values, world outlook, and learning content. Different political backgrounds, religious beliefs, and economic conditions will also have an impact on them, forming certain differences and making the regional culture of each place different. To adapt to the various natural environments at that time, people had different behaviors. As the saying goes, "Different wind in a hundred miles, different customs in a thousand miles", due to the cultural characteristics of different regions, the world culture is diverse and

colorful.

## ***2.2 Characteristics of regional culture***

The characteristics of regional culture are that different regions have different boundaries, different regions have differences and similarities, and each region has its own characteristics and culture. The regional culture is mainly influenced by the natural characteristics and cultural characteristics of the region. Natural features mainly refer to the complex natural conditions that constitute the means of production in human society, which is the basis for human survival and development, including local climate conditions, geology, landform, hydrological conditions, soil environment, animals and plants, and other environmental conditions. People's behavior is affected and restricted by these natural factors. Different natural characteristics lead to different ways of life and then form their own customs, habits, religious beliefs, values, etc., which are the humanistic characteristics that affect regional culture. From the perspective of economic geography, we can know that the fundamental driving force causing the sparse and dense economic spatial distribution is the uneven distribution of the natural environment and the agglomeration and diffusion of the economy itself. That is the interdisciplinary characteristics of economic geography and comprehensiveness. On the one hand, the factors that influence economic agglomeration and diffusion are diverse, including various natural factors as well as economic, social, cultural, institutional, and other human factors. On the other hand, human economic activities on the surface of the earth have been and are strongly changing the natural pattern, causing global, regional, and local environmental changes and environmental problems at different spatial scales, becoming the most important driving force to change the natural environment. This is the scientific basis for the formation of regional culture. It is very important to integrate culture into the landscape design. Integrating regional culture into landscape design can promote the inheritance and dissemination of regional culture based on digging into the value of regional culture, and enhance the cultural value and artistic connotation of landscape design works.

## **3. The relationship between regional culture and landscape design**

With the continuous development of urbanization, the landscape design in the development diversified also, but now the network popularization occupied the main market, leading to social mainstream design style to design of cognition and thought of you, make each regional landscape design appeared between same, rigid, leading to the commercialization, design templates, It weakens the ornamental value and humanized and personalized design of landscape gardens themselves, and ignores the influence of regional characteristics, i.e. regional culture, on landscape design. The phenomenon of "one side of a thousand gardens" appears. Therefore, in such an environment, humanistic factors, ecological factors, aesthetic factors, and other factors need to be taken into consideration by designers. And the real soul of landscape design works must increase the local characteristics of cultural elements, and landscape design promotes the construction of the city.

### ***3.1 The relationship between regional culture and landscape design***

The relationship between regional culture and landscape design is coordinated development and promotion. Applying regional culture to landscape design can promote the inheritance and development of regional culture and improve the connotation and height of landscape design works [4]. Only by fully integrating regional cultural characteristics can landscape design enhance its artistic value. Landscape design needs according to the regional culture of different regions, different design works, do not destroy the local environment and people's recognition, needs to be based on a deep understanding of local regional culture, and landscape design makes possible the continuation of the style of the regional culture and development of the regional culture element and can make the landscape design works more vivid, more soul [5].

### ***3.2 Function and reaction of regional culture and landscape design***

Regional culture plays a role in landscape design and promotes the design to highlight regional characteristics. Regional culture is the basis of landscape design, regional culture is one of the forms of culture formed in the process of local development, with history and uniqueness, regional culture can provide many materials for landscape design.

Regional culture is the inspiration for landscape design. Has meaning and value of regional culture,

it can become an important inspiration to the inside of the landscape design, the design of the rigid template is that there is no local regional culture as a source of inspiration, but draw inspiration from the works of other people or elsewhere, can be the work of others is based on the location of the culture of, Therefore, it is necessary to combine the characteristics flexibly into the landscaped garden from the local regional culture to show the characteristic elements of the regional culture from ancient times to the present. As long as designers fully excavate the essence of regional culture in landscape design, they can obtain design materials, cultural symbols, and thematic features with local characteristics through rational application of regional culture. If the understanding of local culture is insufficient and it is difficult to appreciate the essence of culture, the performance effect will be superficial and the cultural connotation cannot be expressed.

Regional culture is the material source of landscape design. To implement landscape design, materials and tools are indispensable. According to the above-mentioned common materials and tools, good design should also be materials with regional cultural characteristics, such as local vegetation, natural resources, and crowd analysis.

Landscape design can also react to regional culture. Landscape design is the embodiment of regional culture. After the development of the landscape garden, it will gradually become a symbol of regional culture and an important part of the city. Landscape garden design can highlight the overall idea of regional culture, but also can provide a broader space for the development of regional culture, regional culture embodies the life and culture of local people, through landscape garden design can be directly reflected, it is a work with soul.

For regional culture in landscape design, there are several kinds of main performance way, one for the use of landscape design as the carrier of regional culture form, design a specific morphological to reflect regional culture, fully with the landscape design of the hardware reflect the values of regional culture, aesthetic consciousness, cultural characteristics and so on, from the deep regional culture. Through the work of landscape design, the corresponding culture, value concept, and aesthetic interest are expressed more deeply. One is that in the process of regional culture expression in landscape design, it is necessary to take a concrete way of expression to show the specific and suitable regional culture in a concrete form. However, it should be noted that to express regional culture in landscape design, it is the basic premise to attach importance to the fit between landscape design works and specific regional culture. The above two kinds of ways, in the process of regional culture in the landscape design, to enrich the current landscape design, enhance the spiritual connotation of work, also can fully express the regional culture, topic content will become more, having a unique style of landscape design and regional culture inheritance is very important.

#### **4. Application principles of regional culture in landscape design**

##### ***4.1 Integrity Principle***

The principle of integrity is the first principle of design. Landscape design as a whole in the first, considering the local environment and local characteristics, although the landscape is local and even a node of the city, but have to balance its coordination with the environment, to carry on the reasonable layout planning and landscape design, scientific and reasonable balance weight proportion of regional culture element and modern element, Regional environment should also be integrated into the whole, to promote the interdependence of natural environment and human environment, and show the characteristics of regional culture while protecting the natural environment, so that it has unity and integrity.

##### ***4.2 Principles of sustainable development***

The principle of sustainable development is a basic principle in design. The most important performance is not to destroy the local ecological environment and maintain the balance of the ecological environment. All the mainstream designs from mediocre and stereotypical at the same time, but also designed according to local conditions. The measures include the connotation of the regional cultural landscape with local characteristics, making landscape design an important label of regional culture. Then promote the sustainable development of landscape architecture and regional culture. Garden landscape belongs to artificial landscape. Landscape design works have a soul. It is the embodiment of culture in people's production and life. For a long time, China's ancient landscape gardens have been pursuing the realm of "although artificial, just like the sky", and the fundamental

principle of design is people-oriented service and people, landscape design can not jump out of the fundamental principle of design, so we should strengthen the coordinated development of man and nature, achieve the principle of sustainable development. Landscape design is required from the ecological benefit, economy, technology, urban development level and other aspects of the comprehensive evaluation, to choose environmental protection materials, advanced technology to promote landscape design can not only beautify the city but also can bring ecological benefits and economic benefits.

### ***4.3 Principle of Innovation***

In the landscape garden, the regional culture at the same time can fully excavate the local conditions and practices of different regions, historical stories, and humanistic characteristics. It is required that landscape design can not only shows the characteristics of different regions but also have integrity. It needs to have the ability of innovation to make landscape design have a unique charm. While promoting regional culture, can meet the spiritual needs of people.

## **5. Application and operation of regional culture in landscape design**

### ***5.1 Preservation of traditional culture***

China is a multi-ethnic country, the relative national culture is diversified, and national culture as time also gradually disappears, and landscape design can blend into national culture life, better for the national culture inheritance and development, at the same time also endowed landscape culture soul and connotation, the designer should be fully understanding and master the local regional culture and history, Avoid damage to the natural environment and buildings in the implementation process, to maximize the preservation of the regional culture of the region involved in landscape design is not damaged. For really can not use the building should also be repaired on the surface, improve the overall ornamental landscape garden.

### ***5.2 Extraction of classical elements***

In the development process, the city will form its own unique culture, and landscape design should grasp the national urban development needs, fully tap the local regional culture in the classical elements, weigh the various classic elements and story to design methods in landscape design, the structure, and style to a specific node, route design, facilities, plant, should have their significance, Can not be randomly listed, so that the elements appear in the garden landscape without order. It is necessary to master the scale, take classical elements as an important basis, carry out the reasonable design of the space as a whole, and strengthen the embodiment of classical elements that can express regional culture based on not violating the design principles. After considering many aspects, determine the introduction of weight, folk symbols, cultural signs, architectural language, and other elements with landscape and garden fully combined, the integration of all aspects of landscape and garden design to achieve expectations.

### ***5.3 Application of design symbols***

If the classical elements are transformed into design symbols, the inner culture of the classical elements should be deeply explored. This is because the design symbols in landscape design should not only be integrated with the local regional cultural elements, but also adapt to the local social development level. Only let design symbol realize the clever combination of traditional culture and modern culture, constant innovation and development, in the process of landscape design, to design symbol combinations and composite element is varied, the use form of design symbols are closely associated with regional culture, to be able to design symbols into the landscape design works, can make people feel the charm of regional culture. To enhance the display effect of local culture in landscape design, it is necessary to select and apply relevant design elements and symbols to highlight the connotation and essence of humanistic history. At the same time, the integration of regional culture into landscape design is also a kind of protection and inheritance of regional culture.

#### **5.4 Follow the footsteps of *The Times***

Under the premise of the faster and faster modernization process, people's aesthetic consciousness is rising, and the requirements for landscape design are also rising. Although regional culture is important in landscape design, a single imitation of traditional design methods and concepts can no longer meet the needs of modern and rapidly developing cities. The landscape design concept should keep pace with *The Times*, optimize the design concept, and innovate the design techniques. Based on the diversified design, combining local regional culture and environment, incorporating modern design concepts, balancing modern elements and regional culture, perfectly combining the whole structure with cultural elements. Only by fully considering its sustainable development and looking to the future can landscape design not be eliminated by time to better inherit and develop the regional culture.

#### **6. Conclusion**

In the development of modern society, the culture is diversified, the traditional elements in modern landscape design the landscape to be coordinated between them, and to strengthen the close link between regional culture and landscape garden design, the traditional design concept and method of optimization and innovation, and extract the main cultural elements, select all types of related design elements, Determine the design style, show the local culture show effect enhancement. The integration of regional culture into the landscape design makes the landscape have the characteristics of *The Times* and uniqueness, but also the protection, inheritance, and development of regional culture, and then enrich the cultural connotation of the landscape garden. The landscape design of each place can integrate its unique regional culture into it, so that people can respond to the landscape design works produced in the environment and local feelings. To create landscape design works reflecting local regional characteristics.

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