

# *Research on the Role and Development Trend of Landscape Design in Urban Construction*

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**Keywords:** Urban construction; Landscape design; Role; Development trends.

**Abstract:** With the rapid development of urbanization in our country, people's living standards are improving day by day, and their requirements for urban construction are also increasing. Landscape design is an important symbol of urban civilization, which represents the image of a city, and also plays an important role in protecting the environment and purifying the air. Based on this, this paper analyzes and discusses the role and development trend of landscape design in urban construction in order to provide suggestions for urban landscape designers.

Our country's urbanization process is accelerating and the construction intensity is also increasing. In urban construction, landscape design is a relatively new design method, and the role of landscape is becoming more and more prominent. It is the representative of a city's image, which coordinates the relationship between man and nature.<sup>[1]</sup> Good city landscape can make people happy both physically and mentally and help people get rid of the tiredness of work. Therefore, relevant departments have paid more attention to the design of the city landscape and increased the investment in financial, human and material resources. Our country's urban landscape design is still at the stage of development, and there are still many points that need attention. Landscape design must be reasonable and scientific, showing the style of the city while appreciating the charm of the landscape. Therefore, we must discuss the problems existing in the current landscape design in order to make the pace of our country's urban construction steady and fast.

## **1. The role of landscape design in urban construction**

Landscape design plays a very significant role in urban construction. Therefore, when planning the urban landscape, aesthetic knowledge and ecological knowledge should be comprehensively used to make the layout and configuration be more in line with the aesthetic standards of the public. At the same time, in the process of the construction, the external influence factors of the building should be considered, taking human factors and natural factors into consideration, so that the landscape design can coexist harmoniously with the natural environment while being scientific and reasonable, thus paying attention to the artistic effect in the landscape design, which can achieve the ultimate goal of landscape design: to make people happy physically and mentally and relax their mood. Urban landscape design is a kind of shaping of artistic expression, a concentrated reflection of the overall economic and social development of the society, which can promote the development of people's spiritual civilization, making people feel the influence of beauty while feeling happy.

The design of urban landscape should also pay attention to keeping pace with the times, update in time and conform to the development of the times, and make it clear that the construction of urban landscape should not only meet people's visual requirements, but also be invisible material culture.<sup>[2]</sup>

Looking at the development process of China's urban landscape design over the years, it can be seen that the development of China's urban landscape construction has a rapid momentum, but there are still many deficiencies in the construction, the overall design level still has a lot of room for development. The quality of designers still needs to be strengthened, there are problems such as outdated design concepts and backward design methods, and some cities do not have a clear concept of urban landscape design, so this lack of attention will have an impact on the overall level of urban construction.<sup>[3]</sup> There are also many cities that did not connect urban landscape to the protection of the ecological environment or did not consider the landscape design as a necessity or think it has nothing to do with the ecological environment, which leads that the ecological environment becomes even worse and problems are increasingly prominent, which has become increasingly obvious contradiction which must be solved in the process of urban landscape construction.

## **2. The design principles of urban landscape design**

At present, our country's economy and society are in the stage of rapid development, and all kinds of construction are also stepping up and developing vigorously. The urban landscape design embodies the spiritual outlook of a city and is closely related to urbanization in other fields. Therefore, we must attach importance to the design of urban landscape. With the continuous development of science and technology, we should pay attention to applying science and technology to the design of urban landscape and effectively combine the two to reflect the sense of the times. With the continuous improvement of people's living standards, people are paying more and more attention to their spiritual world. Therefore, landscape design is increasingly paid more attention to. Urban landscape design should show a good spiritual outlook of a city and closely combine with the characteristics of the times.<sup>[4]</sup> In the process of design, attention should also be paid to the natural environment to realize the peaceful coexistence and coordinated development between man and nature. At the same time, the landscape design should be based on the characteristics of the times, showing the city's style and unique characteristics, and the city landscape is the carrier of the city's cultural spirit. In the process of design, we have pool our wisdom, solicit the opinions of the broad masses of the people, and integrate the opinions before designing the plan. With the continuous progress of the times, landscape design should also keep pace with the times, not be too old - fashioned, and should be closely combined with science and technology to reflect the design's sense of science and technology and the times.

### **2.1 Combine the landscape design to environmental protection**

With the development of the times, people are paying more and more attention to the importance of protecting the environment. In the process of urban landscape design, the protection of the ecological environment should not be ignored. While designing, greening should be strengthened. Landscape design must be based on protecting the environment and promoting the harmonious development of the ecological environment and human society, so as to effectively promote the process of urbanization and provide guarantee for urban construction.

## **2.2 Clear design concept**

The core of landscape design should be to promote the sustainable development of ecological society. In today's society, the idea of protecting the ecological environment has been deeply rooted in the hearts of the people, such as the development of Xiong'an new area in Hebei Province. Its success lies in following the laws of natural development, protecting the ecological environment and implementing the idea of sustainable development. Therefore, to build a new city with new era style, we must follow the idea of sustainable development and use scientific and reasonable methods to manage the landscape design. Only in this way can the pace of urban construction in our country be steady and fast.

## **2.3 Design should highlight the characteristics of the city**

Each city is independent and has its own unique characteristics. Therefore, in the process of urban landscape design, we should pay attention to highlighting the city style but not imitate it in the same way. Designers should make field visits to local customs and incorporate local characteristics into their own design schemes, so that urban landscape design can become the carrier of local spiritual culture and promote the economic development of the city. This is a process of mutual integration of politics, economy and culture.

## **3. The development of landscape design in urban construction**

### **3.1 Highlight the concept of ecology**

The concept of ecology should be the focus in the landscape design in urban construction. It should be clear that landscape design in urban construction is an important link in urban construction. Relevant personnel should have a detailed understanding of the local ecological environment, have clear objectives, highlight features and functions the landscape design should have, which are all the issues designers should consider in the design process. In the process of design, it is the core of landscape design to integrate ecological concepts and show the spiritual outlook of a city, which is also a process of ecological civilization construction.<sup>[5]</sup> At the same time, excellent landscape design also has rich commercial value, which can drive the development of local tourism, that is, the similarities between economy and culture that are mutually integrated and promoted. In a word, it is very necessary to integrate the ecological concept into the urban landscape design, which has a promoting effect on the local economic and social development.

Each city has its own development plan, so each city's style is very different, which requires that the design of style should be emphasized in landscape design. Only when the ecological concept is deeply explored can the city's style be highlighted, and only when a city has its own unique style can it attract people and develop tourism, thus driving the development of the local economy.<sup>[6]</sup> In the process of landscape design, various elements should be scientifically and reasonably allocated, while greening should be emphasized. The government and relevant departments should launch a call to make modest contributions to the protection of the ecological environment and make every effort to promote the vigorous development of the city's modernization drive.

### **3.2 The perspective of landscape design should be broad**

Our country's modernization process is accelerating constantly. The protection of the environment and the effective use of resources cannot be separated from the application of science and technology. The development of science and technology provides scientific and technological

support for the urbanization process. In the process of landscape design, designers should have a broad perspective, make clear that the design of urban landscape should be coordinated with the modern city and respect the construction of the city. What's more, the construction of the city also provides conditions for landscape design. The relationship between the two is very close.

In the process of urban landscape design, attention should be paid to the diversity of design. The natural environment is very rich in resources, and the urban landscape is a microcosm of the whole natural environment. All kinds of resources introduced in the design should be scientifically and reasonably matched, respecting the laws of the natural environment and realizing the diversity of design. At the same time, the introduction of plants which conforms to the local environment can purify the air and remove pollution.

### **3.3 People - oriented core concept**

In addition to the coordinated development with the social environment, urban landscape design should pay more attention to the core concept of people - oriented<sup>[7]</sup>. People - oriented core is embodied in many aspects. An excellent landscape design should comprehensively apply knowledge in various fields and also improve the ecological environment. The design of urban landscape is to serve people. Therefore, it is especially important to pay attention to the core concept of people - oriented, and the design should be humanized and benefit the people, which is the purpose of urban landscape design.

### **3.4 Clarify the relationship between urban landscape construction, economic development and ecological environment**

Designers should make it clear that the construction of urban landscape is closely related to the level of local economic development, so they should pay attention to the economic benefits and commercial value of the landscape in the design process, and at the same time give consideration to the protection of the ecological environment, grasp the relationship between the three and make reasonable planning.

### **3.5 Design a unique style of urban landscape**

A good landscape design scheme should not be an imitation of other urban design schemes, but should have its own uniqueness. In the process of urban landscape design, it is necessary to understand the local conditions and customs and analyze the specific problems before designing a distinctive scheme to give people the enjoyment of beauty, so that people can be influenced and nurtured in a beautiful environment and the construction of spiritual civilization can be promoted. The function of urban landscape construction is very powerful. Therefore, in the process of design, in addition to having a solid foundation of professional knowledge, designers should also conduct in-depth research on psychology and behavior, study the relationship between people and the society and the impact of landscape design on people's psychology, and collect and integrate the opinions and suggestions of the broad masses of the people to understand their wishes, so as to design more user friendly schemes and give people spiritual enjoyment.

## **4. Conclusion**

China's urban landscape design has a long history of development till today. Overall, the level of design has been improved, but there is still a long way to go from the perfection of planning and design. It is very important for a city to build an urban landscape that matches the times.<sup>[8]</sup> The

future landscape construction has become a symbol of modern urban civilization and an important part of urban environment construction, which does not only help people cultivate their morality and improve the quality of life, but also plays an important role in improving the investment environment, developing local economy and promoting the sustainable development of the city.

## References

- [1] Zhou Jian. *Thinking on the Current Situation and Development Trend of Modern Urban Landscape Design* [J]. *Anhui Agricultural Sciences*, 2012, 40(11): 6579-6581.
- [2] Guan Weifeng, Gao Ning, Wang Yongchao. *The “Low Cost” Strategy of Urban Open Space Landscape Design* [J]. *Journal of Northwest Forestry University*, 2014, 29(01): 212-216.
- [3] Huang Ruoyan, Gao Linna. *Analysis of the Unity of Architectural Design and Landscape Art* [J]. *Doors and Windows*, 2014 (06): 242-243.
- [4] Liu Danyang, Zan Wei. *On the Planning and Design Points of Landscape* [J]. *Building Materials and Decoration*, 2018 (11): 60.
- [5] Liu Ting. *Research on the Current Situation and Development Trend of Modern Urban Garden Landscape Design* [J]. *Henan Agriculture*, 2018 (05): 28-29.
- [6] Shi Yinghao. *The Current Situation and Development Trend of Modern Urban Garden Landscape Design in China* [J]. *China Housing Facilities*, 2018 (04): 68-69.
- [7] Kuang Xianhe. *Current Status and Development Trend of Urban Landscape Design* [J]. *SME Management and Technology (Mid-time Edition)*, 2017(02): 74-75.
- [8] Zhao Hongyu, Gao Yang, Wang Yaowu. *Mountain Water Sensitive Urban Design—A New Urban Design Thinking Based on the Trinity Theory of “City, Architecture and Landscape”* [J]. *Programmer*, 2013, 29(04): 86-91.