

# Modern Environmental Landscape Design Based on Aesthetic Implication

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**Abstract:** With the development of society, urban environmental landscape design and planning has become an important way to promote the progress of urban civilization construction. Modern environmental landscape design has gradually received attention, and the aesthetic sense of urban environmental landscape has become a key factor in measuring urban construction. Urban landscape design is an objective reflection of urban aesthetic trends. In modern environmental landscape design, aesthetic implications are often created through the integration of landscape elements, and the relationship between architecture and landscape is the embodiment of aesthetic implications. Exploring the aesthetic implications of modern environmental landscape design has become a necessary topic. Based on this, this article studies modern environmental landscape design based on aesthetic implications.

## 1. Introduction

The creation of civilization and the development of science and culture depend on the living environment. In ancient times, human productivity was relatively low, and the development of human settlements was mostly characterized by respect for natural characteristics. With the development of social productivity, the relationship between human beings and the environment changed. In the process of urban industrialization, human self centered consciousness blindly expands, and the living environment gradually deteriorates with the progress of urban civilization. The rapid expansion of cities has led to unlimited transformation of nature, resulting in a reduction in the area of the ecological environment and damage to the ecosystem. With the advancement of the times, people's physical and mental needs have undergone corresponding changes. Modern landscape environmental design involves aesthetic issues, and urban environmental landscape beauty is the goal pursued by architectural designers. In the process of modern cities, environmental art and aesthetic issues have received attention. Currently, there is a disconnect from aesthetic principles in urban landscape design, resulting in a lack of aesthetic feeling in the design of the landscape environment. Studying the aesthetic implications of modern environmental landscape design is of great significance for promoting the development of landscape environmental design.

## 2. Aesthetic and Cultural Implications of Modern Environmental Landscape Design

### 2.1. Aesthetic Culture of Chinese Traditional Environmental Landscape Design

The aesthetic characteristics of environmental landscape design include cultural and epochal characteristics. Traditional gardens have outstanding artistic and cultural achievements. China's traditional environmental landscape design contains rich philosophical ideas. Traditional landscape gardens combine landscape and plant elements to create artistic garden spaces, making people feel the splendor of nature. The pursuit of natural beauty is the core idea of Chinese garden aesthetics. Modern environmental landscapes emphasize the arrangement of natural things in a neat and uniform manner. Traditional garden architectural design contains Confucian cultural concepts, reflecting the harmonious unity of human spirit and the real environment, and is the embodiment of Confucian cultural characteristics in garden and forest construction.

The traditional aesthetic concepts of Chinese landscape environment include the natural landscape view, the theory of harmony between nature and man, and so on. The appreciation of natural beauty has a long history. The natural beauty of mountains and rivers has been consciously

regarded as an aesthetic object by society. The aesthetic appreciation of natural mountains and rivers has influenced the rise of Chinese landscape gardens, and classical gardens were basically shaped during the Ming and Qing dynasties. Yangzhou Slender West Lake shapes a garden landscape on a broad spatial scale. The widest part of the lake is only a few tens of meters. High mountains and low waters form an imposing facade. The twists and turns of the lake and mountains form a common landscape tie with rivers and lakes, presenting a far-reaching artistic effect (see Figure 1). The ancient idea of conforming to nature has had a tremendous impact on the construction of modern landscape environment. Chinese modern garden design ignores the function of natural landscapes, and the natural atmosphere of traditional gardens has reference significance for modern garden design. Modern garden landscapes focus on artistic sculpture, and attach importance to the cultural characteristics and significance of artistic sculpture. Chinese traditional garden design is linked to traditional culture. Modern gardens should inherit and carry forward traditional garden cultural concepts, which has practical cultural significance for the development of modern gardens.



Figure 1 The classical garden corridor and pavilion architecture of Slender West Lake in Yangzhou, Jiangsu Province, China

## 2.2. Aesthetic Concept of Western Modern Environmental Landscape Design

The aesthetics of modern western environmental landscape design is based on theories such as humanism, artistic imitation, and religious theology. In ancient Western societies, religious theology prevailed, and religious buildings occupied an important position in the urban environment. Ancient Greek temples became the central building commanding the city. For example, the diameter of the Pantheon in ancient Rome was 43 meters, the rise of Catholicism in the Middle Ages, and Romanesque buildings towered high into the sky to express the spiritual belief of God as the supreme. During the Renaissance, a large number of large religious buildings were built, such as the Milan church, which inherited the traditional urban layout techniques (see Figure 2). Urban buildings often use religious themes for decoration, while interior decoration uses a large number of decorative paintings that reflect religious content.



Figure 2 The Church of Milan, Italy

## 3. Aesthetic Design of Modern Garden Landscape Environment

### 3.1. Principles of Modern Landscape Environmental Aesthetic Design

For modern environmental landscape design, if it is merely a matter of rhetoric without practice, it can only be a theory without any value. If we take these aesthetic principles in design as the guiding principle for the construction of modern urban environmental landscapes, it can change the

environmental fate of the entire city. To make modern urban environmental landscape design more scientific and feasible, the following aesthetic principles must be adhered to.

Firstly, the aesthetic principles of diversity and unity in the form of environmental landscapes. Throughout modern and ancient environmental landscape design, regardless of the changes and differences in form, people consciously or unconsciously follow the laws of formal beauty, which are mainly embodied in the principle of diversity and unity. The concept of diversity and unity here is, frankly speaking, to seek unity through change. If the environmental landscape design is too diverse, it often appears disorderly, and when the environmental landscape design only has unity, it can make people feel monotonous and rigid. Therefore, when designing modern environmental landscapes, it is necessary to follow the principles of diverse and unified aesthetic design. Of course, how to achieve both diversity and unity in urban environmental landscape design requires an analysis of the factors that affect the formal beauty of environmental landscape design. In addition to paying attention to the contrastive relationship, master-slave relationship, and proportional relationship in urban landscapes, attention should also be paid to the coordination of shape and color in urban landscapes.

Secondly, the harmonious aesthetic principles that modern environmental landscape design should follow. The trend of modern urban development requires that its environmental landscape design must integrate applicability and economy, so the first prerequisite for urban environmental landscape design should be economy and applicability. However, under the premise of this goal of environmental landscape design, it is also necessary to unify the short-term and long-term plans of urban environmental landscape design. At the same time, it is also necessary to unify the overall and local, key and non key aspects of its environmental landscape design. These are actually carried out around an aesthetic principle, namely, the principle of coordination. The landscape design of the modern urban environment is a complete whole, and the partial design must be subject to the whole, while the whole shoulders the task of commanding the partial. At the same time, it is also necessary to combine points, lines, and surfaces to ensure that both the focus and other aspects are highlighted. In addition, modern environmental landscape design also needs to be integrated with the historical conditions, spirit, and style of the city, in order to make the landscape design more aesthetic and more coordinated with the city.

Thirdly, modern urban environmental landscape design should have the harmonious aesthetic principle of harmony between nature and man. When designing a modern environmental landscape, attention must be paid to the utilization of the natural environment, so regionality is also one of the factors that must be considered. The differences in geographical location, natural terrain, and environmental conditions will have an important impact on the design of modern environmental landscapes. With the continuous improvement of urban functions, in the process of designing urban landscapes, it is necessary to attach importance to the perfect combination of urban engineering facilities, such as combining various necessary engineering facilities such as flood control, drainage, and water storage. In addition, modern urban environmental landscape design should also take ethnic architectural elements into consideration in the design category, and extract their ethnic element symbols to make the environmental landscape design more distinctive. In any case, it is important for modern environmental landscape design to follow the environmental elements of the region itself and achieve the harmonious beauty of harmony between heaven and man. No matter how rich the aesthetic viewpoints in modern landscape design are, and how intense the discussion about them is, they are all carried out around the core idea of "environment-design-human". Therefore, when carrying out modern environmental landscape design, it is necessary to follow mainstream aesthetic viewpoints and principles. Always adhere to the aesthetic principles of diversity and unity in modern environmental landscape design, abide by the aesthetic principles of coordination, as well as the aesthetic principles of harmony between nature and humanity. Only under the guidance of the correct direction can the design of modern environmental landscapes be more convenient, more in line with the aesthetic style of modern people, and have the aesthetic imprint of the current era.

### **3.2. Optimized Design of Aesthetic Elements in Modern Environmental Landscape**

The aesthetic elements of environmental landscape design include buildings, gardens, roads, etc. The formal beauty types of landscape environmental design include regular symmetry, freedom and simplicity, etc. People's experience of the landscape starts from the visual perspective, and the experience of the landscape is a hierarchical process from low level to high level. It is necessary to analyze the process of people's experience of the landscape at all levels. The physical environment is the process of using the senses to react through landscape stimuli and comprehend the formal beauty of environmental landscapes. The situation is the aesthetic feeling of sensing the landscape's mind and objects, and it is the fusion of the aesthetic subject and the landscape's soul.

The aesthetic optimization design elements of modern environmental landscape include urban squares, streets, and architectural gardens. Landscape design is a highly comprehensive discipline, and architecture is an artificial spatial environment. Designers should endow buildings with use attributes and formal beauty. Modern architectural designers should consider the issue of body balance from various perspectives, such as Wright's design of the Guggenheim Museum of Art, which gives people the energy to forge ahead and echoes the curved steel beam bridge in the distance. There are countless buildings with strong artistic appeal around the world. The spiritual function of architectural form beauty cultivates the soul of people, and the study of form beauty is the direction pursued by designers. The complexity of architectural functions leads to the diversity of spatial forms, which must be guided by the principles of beauty, diversity, unity, and alignment. Landscape design directly affects people's living standards. Landscape design should follow the rules of formal beauty, adhere to the principles of harmony and contrast, symmetry and balance. Square is a building form with a long history. Its formation and development are related to primitive religious activities and sacrifices. In modern cities, squares can alleviate people's psychological pressure. The functions of modern urban squares are increasingly diversified, and the aesthetic optimization design of squares must meet their functions. The types of squares include municipal commercial and cultural squares. Most municipal squares are built in the center of the municipal government, and are important symbols that reflect the city's appearance. For example, Tiananmen Square can accommodate millions of people. The main building of the square occupies a prominent position, and the square transportation must have good accessibility. The memorial square is a square built to commemorate historical figures, and its theme should be highlighted to create a corresponding environmental atmosphere. The design techniques for theme memorials should be determined based on the scale of the square.

### **4. Conclusion**

With the rapid development of urban economy, modern environmental landscape aesthetic design has gradually received attention. Environmental landscape design should attach importance to practical and ornamental values to meet the aesthetic needs of artistry. Modern urban landscape environmental design has a wealth of aesthetic ideas and theories. Landscape environmental aesthetic design should combine natural and social factors such as the urban environment, consider the shortcomings of design from various perspectives, fully consider the sustainability of plant late conservation, and improve the quality and effectiveness of garden landscape design.

### **References**

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