

# Research on the Application of Modern Art in the Use of Urban Landscape Design

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**Keywords:** Urban landscape, Modern art, Landscape design

**Abstract.** With the development of current society, and the rising of the public standard of living, the level of education and the awareness on the art, people's aesthetic judgment is keeping on developing. Modern art and design are the products of the new era, and the art and design can not be separated. Landscape design is the most comprehensive art in the modern times; it has a necessary link with the modern art forms. Nowadays, the urban landscape design has been rapidly developing, and the art design has also flourished in the field of arts. In this paper, the author briefly defined the meaning of urban landscape design with the methods of consulting the documents and analyzing the cases. The relationship between the urban landscape design and the modern art has been described, and the urban landscape design that has been influenced by the modern art has been analyzed from the aspects of the pieces of landscapes, sculptures, plants and others.

## Introduction

It is generally believed that the combination of modern art and design originated in the 19th century. At that time the development of the industrial revolution made people realize that the use of more advanced materials and technology can create more wonderful items and construction [1]. Therefore, a large number of artists engaged in various designs, creating a new situation of modern art and design, modern urban landscape design also was born. With the continuous development of the times, the contact between modern art and urban landscape is getting closer [2]. The garden environment of the city is influenced by modern art thought, both in thought and form.

## Urban Landscape Design

Urban landscape is an applied discipline based on the natural sciences and humanities. It constantly draws on the fields of modern art, architecture, ecology, urban planning and natural sciences [3]. Today, the development of modern art not only extends the practice of garden designers themselves, but also to promote the in-depth development of urban landscape design. As an important part of the modern city, the urban garden has very rich function expression and the deep level artistry, it is closely related with people's life. In the garden space layout, landscape plant green, park road pavement materials, garden pieces and other aspects, are embodied in the art of urban landscape design.

In the urban landscape greening aspect, the art form is also varied. The choice of landscape form is determined by the characteristics of urban environment. For example, on both sides of the architectural landscape more distinctive, if you want to express the building, we must choose a relatively low plants to landscaping, then the landscape sculpture, pieces, park road pavement, etc. will make corresponding adjustments. Landscaping has its particularity, the most important plant configuration. The botanical configuration of landscaping should reflect the diversified and individualized combination of aesthetic thoughts. In the site conditions permitting, through the configuration of small trees and flowering shrubs, to achieve large, medium and small trees and the combination of flowering shrubs, so that the

landscape is hierarchical.

### **Modern Art**

Modern art is the product of a new age. Today, modern art shows a concern that this is the rise of modern art. It is with rapid development, and the penetration of the large intensity is unimaginable. It is in different areas conform to the development of the times, with the advancement of life, colorful modern life created modern art [4]. In the life of the painting, sculpture, architecture, arts and crafts, and so on all aspects of modern art everywhere. Such as Beijing's 798 art factory, Beijing International Sculpture Park, etc., are to show people the charm of modern art [5].

As with the design, modern art is to "bring forth the new", is to "seek new, different, change". Only the new art will be in many works of art in the compelling, stand out. In addition, art is for the people and services, to serve the needs of the masses of the works of art is really good works of art. In modern art, color art, sketch art, painting art, sculpture art, and many other aspects, and urban landscape design has a close relationship.

### **The Impact of Modern Art on Urban Landscape Design**

**Modern Art in Urban Landscape Architecture.** The good or bad of the city landscape depends more on whether the landscape can continue to introduce new ideas, whether it can skillfully use the geographical and environmental characteristics, into their own aesthetic concepts in which the art of the landscape in the design is particularly important.



Fig. 1 Part of the Seattle Highway Park

(1) The art in the layout of urban landscape space. The urban landscape is a big space, which is limited by various buildings, landscapes, trees, stones and so on, and through the ups and downs, cascading, staggered, bump and other methods to form a rich spatial level. The space of the landscape is the work of the landscape design first to devise. The space layout is an extremely important part of landscape design. It is a problem that people must study when the terrain is used to analyze the landscape and come up with a scientific, reasonable and effective way of land use.

The art of space layout includes the rationality and aesthetics of the layout. This requires the flexible application of space, the spatial integration of the landscape, and the zoning of the space. In the city of Seattle, there is a very famous local highway park is the largest piece of urban green space. Its unique layout of the new space: the park is a rectangular green space, following a busy intercontinental highway through the park there are many water of the landscape, and with the green evergreen plants. Waterscape set in the rest of the platform for people to rest in the meantime, static and dynamic combination, to bring cool and comfortable feeling, as shown in Fig. 1.

(2) The art of pieces in urban landscape. Modern city hard pieces are used in every corner of the city, including city parks, public green space, city square. It is accompanied by people's fast-paced life. Modern art, often has a bright eye-catching colors, with a unique new style and a simple, smooth

appearance of its own meaning. It is an exaggeration and a unique expression to show that life is used to common things. Like a work of art, excellent pieces in the garden is the finishing touch of the role. It brings different types of gardens with different space, the inherent meaning of pieces hidden in the appearance of the need to carefully exchange, as shown in Fig. 2.



Fig.2 A commercial advertising sign designed in an exaggerated way

(3) The art of landscape plant greening. The landscape plants and buildings, rocks, water and other elements of the landscape, and give full play to their shape, color, lines and other characteristics, design and construction to meet the people to watch the requirements of the landscape.

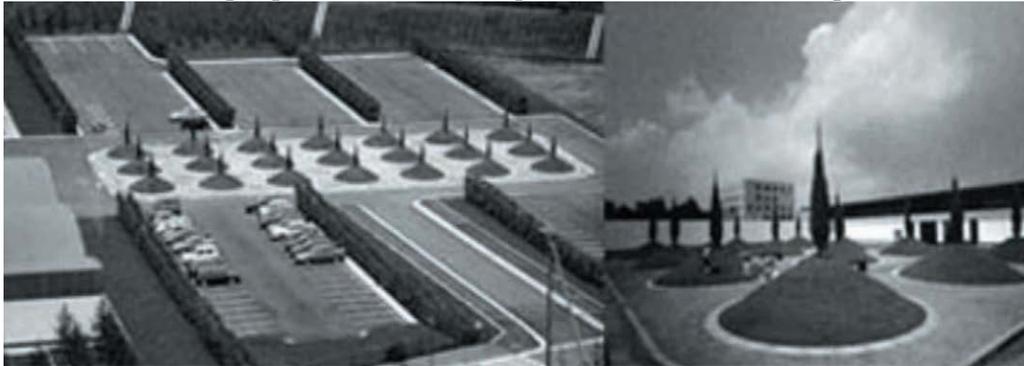


Fig. 3 Plant cultivation and site pavement combination

The production of any good artwork is often the result of the combination of external environment and people's feelings. Different forms of landscaping determine different environments and themes. Landscape in the art of has a rich space for the role of landscape in the landscape of many of the formation of landscape plants are directly or indirectly, as shown in Fig. 3.

In addition, the form of landscape plant art is also various. For example, ornamental trees with planting form, the shape of flowers, lawn modeling form. The form of ornamental plant materials are in a variety of forms, but also in accordance with its use of modeling, social customs, aesthetic principles of different angles such as analysis, research, theoretically grasp landscape plant form, as shown in Fig. 4.

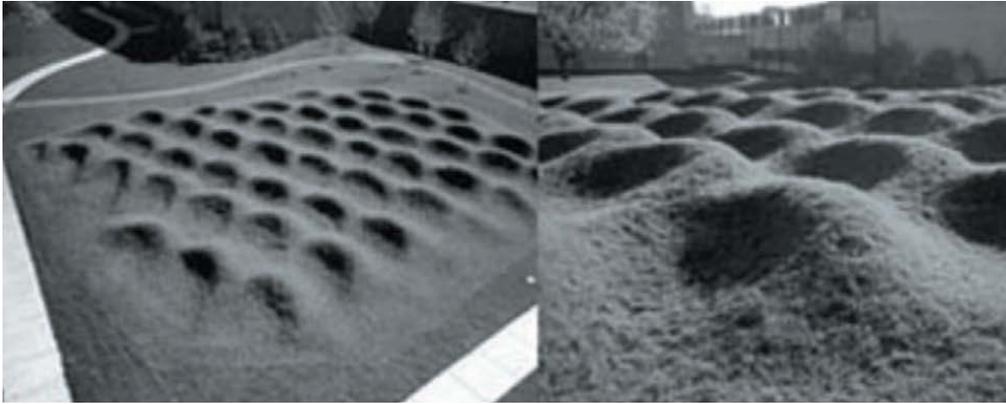


Fig. 4 Ground cover planted with terrain

**Modern Sculpture Art And Landscape Design.** Modern sculpture and urban landscape have a very close relationship. Sculpture in the history of human civilization is almost the same time civilization and the birth. Modern sculpture on the impact of urban landscape is very far-reaching. The steering wheel sculpture, located in the green space of Hubei Xiangshi expressway, stands in the open space on the side of the expressway, as shown in Fig. 5. It makes the original expressway shorten the distance and adds to the feeling. Sculpture with his unique space language, material and structure, so that people can feel its distance and perspective of the momentum and vitality, so that the audience really into a pleasant space in the relationship.



Fig. 5 Steering wheel sculpture

Modern sculpture both in content and form are rich and colorful. In addition to the traditional stone, cement, there are pneumatic sculpture, welding sculpture, laser sculpture. People like a good landscape like a good sculpture, and hoping to see more of modern interesting sculpture works to decorate people's living environment.

### Conclusions

The beauty of urban landscape and modern art are mutually reinforcing and mutually reinforcing. It needs to be good at discovering the beauty and creating the beauty, and set more and better urban landscapes in line with the rhythm of the modern . The development of modern design art is to promote the progress of human material and spiritual civilization. And the evolution of human society is also constantly affect the trajectory of the art of design. The adaptability of design art to science and technology, social and cultural change and the possibility of sustainable development form the elements and structure of its progress.

### References

[1] Li Zhiguo, Sun Jing, Cao Ning, Li Wu. *Development of Jiangnan private garden constucting art in*

*the design of modern residential area*. Journal of Northwest Forestry University, 2013, 28(3): p. 220-223.

[2] Wu Ting. *Modern landscape architecture from the perspective of modern art*. Journal of Central South University, 2009, 3(3): p. 85-87.

[3] Wang Liang. *A comparative study of the tradition Chinese gardening and modern landscaping*. Journal of Zhejiang Wanli University, 2010, 23(6): p. 64-68.

[4] Lu Jun. *Application of constructivist art in modern landscape gardening design*. Art and Design, 2005, 3 (143): p. 120-121.

[5] Zhang Chunjia, Wang Lijun, Han Jinghong, Yan Shijie. *The discussion of modern art in the use of urban landscape design*. Chinese Agricultural Science Bulletin, 2011, 27(4): 238-242.