A Study on Landscape Design Paradigm from the Perspective of Visual Impact and Experience

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Abstract

Space is one of the important landscape node types in landscape architecture, and it is the supporting framework of landscape architecture. The understanding of space and space art landscape design in the garden by the way of consulting and reference case, in order to better the performance of landscape art in the landscape garden for the purpose of systematic analysis of knowledge structure of landscape space, provide a comprehensive reference for the future design of the landscape garden. This paper from the background of our landscape design conception, combined with the trend of landscape design Chinese traditional garden design techniques and modern residential area of research and analysis, explore the new design of modern residential area, in order to create a Chinese characteristics, local characteristics of the residential landscape, to further explore the charm of traditional culture, highlighting the regional characteristics.

Keywords: Visual impact, landscape architecture design, paradigm, experience perspective, art

Introduction

China classical garden is a comprehensive art from architecture, landscape, flowers and other combinations, the pursuit of a landscape of life, full of a quality suggestive of poetry or painting. The classical garden is not rigidly adhere to the garden, by borrowing to expand the space of visual boundary, landscape and city landscape, natural landscape, echoes, create an overall landscape, both dynamic view or wait to see the beautiful scenery. Chinese traditional gardens are generally divided into two categories: the royal gardens in the north, the southern bureaucrats and the rich merchants. The topography, hydrology, native plants and other natural resources of local landscape types and local materials, finely crafted landscape artistic conception, is one of the main features of Chinese traditional garden.

The modern garden mainly is matched with modern architectural symmetry and geometry etc., in order to focus on the rational analysis and scientific features in modern city square, roads, parks and residential areas such as modern architecture as the service object, pay attention to the transformation of the theory and practice of artificial landscape. With the development of residential building with reinforced concrete structure, the facade of modern simplicity, even if there is a European style residential, is completely different from the Chinese classical garden architecture, through the proper use of traditional garden landscaping, residential garden with and reflect the new extension. The garden of the conception with the help of landscape, buildings, plants, rocks, road to reflect, the landscape plants are the main material for artistic creation, the artistic conception of landscape plants has its unique advantages, it cannot be influenced by a variety of design styles play a role. This is not only because the garden plants are beautiful natural posture, rich color, fragrance, beautiful names, and garden plants is a living...
organism with a life, is an emotional thing. Luxury residential area of garden trees planting, not only for the green environment, but also has the appreciation of painting.

Landscape design is based on the basic principle of ecology and aesthetics principle, the whole process of configuration and layout work related work for the main structure of the landscape and form at the same time, it also involves the construction of the visual landscape of the corresponding. Landscape design courses can also be called landscape architecture, in the design process related to architectural design or planning, comprehensive consideration and design by other elements of the environment around the building, it can make the building and the surrounding natural environment has a reciprocal relationship to a great extent, and can let the whole effect looks more harmonious, so as to enhance its overall artistic value to a great extent.

Figure 1. Landscape design.

The Proposed Methodology

**The development trend of landscape design.** In the material construction, design with nature, advocating a new ecological aesthetic view, advocate natural rustic beauty, real beauty and ecological beauty of ecological processes, and make it become a necessary element in the city life. The use of land for water conservation, the replenishment of groundwater, the use of new clean energy, the restoration and protection of the integrity of the local ecosystem and diversity will become the new mainstream. Many modern landscape architects follow the natural process and plan according to the principles of ecology. It uses local materials and native plant landscape design as an organism, which maximize the use of natural water and minimal rely on artificial water, let nature to make it work, operation and sustainable growth of labor cost at least. The landscape will no longer stay in the beautiful form of the surface, but will be better with the natural ecological system integration as one of the most sought after, and the concept of form, function and connotation and the trend of ecological aesthetics under the guidance of a higher level of unity in the ecological value.

**National cultural resources and visual impact.** Landscape planning and design process to promote the spirit of multiple tolerance, and actively explore the landscape environment of national cultural resources. The landscape design in the future not only confined within the walls but take into consideration the overall development of the entire area, creating public
space system with sharing, full of vitality, and city life closely linked, it will embody the concept of the new urbanism and landscape planning. Landscape design can not only comply with the Chinese classical garden design techniques, but also learn from the western architectural composition of the form of expression, both are not exclusive. Chinese landscape architecture has a long history and brilliant achievements, the world recognized the Chinese classical landscape garden design is a unique system that it has a great contribution to the development of the world garden art. This is the foundation of Chinese landscape architecture.

Residential landscape in the number and area and the use of urban greening to make an important contribution to the design, the design should be more careful thinking. Whether it is classical gardens or a copycat are required to make foreign things serve China, close to the people and life, truly people-oriented, design has China characteristics, local characteristics.

Figure 2. National cultural resources and visual impact.

**Ecology principle.** In 1970s, people gradually wake up from the industrial age of the rich dream, began to realize that the environment and energy crisis, landscape planning and design showing the relationship between man and nature, this is a new understanding of nature and culture. The design of the ecological doctrine is not long ago in the paper or drawing on the empty talk, nor is it a small number of designers of the experiment, the ecological landscape architect has become the internal and essential thinking. Respect for the process of natural development, advocate the recycling of energy and materials and the maintenance of the site, the development of sustainable processing technology and other ideas throughout the landscape planning and design, construction and management. The pursuit of ecology in design has been as important as the pursuit of function and form, and sometimes even beyond the latter two, occupying the first place. The introduction of ecological thinking, landscape planning and design ideas and methods have undergone significant changes, but also greatly affected and even changed the image of landscape planning. Landscape planning and design is no longer stay in the small garden design, it began to intervene in a wider range of environmental design, reflecting the strong ecological concept.
Niche is the position and function of a population in the time and space of the ecosystem, and its relationship with the related population. In landscape planning and design, should be based on the niche theory to make full use of the ecological habits of different species, reasonable collocation of plants, to avoid direct competition or for the formation of community structure and population stability, make full use of light, temperature, moisture and nutrients, to ensure the stability of the community. With the rapid development of urban construction, the urban biological resources are decreasing, the biodiversity is facing a great threat, and the stability of urban ecosystem has been seriously affected. Therefore, we should try our best to maintain biodiversity in landscape design, in order to make full use of the limited environmental resources, so as to maintain the stability of the system.

In the process of landscape architecture design, it is necessary to protect the original ecological system, make full use of the natural ecological elements of the original site, such as springs, streams, ancient and famous trees and terrain. The park has set up a complete 230km long bicycle tour system, in this system can fully understand and appreciate the regional culture and industrial landscape tour, using the system, can effectively reduce the use of motor vehicles, so as to reduce environmental pollution.

**Basic characteristics of ecology and design.** Ecology is to reveal the internal relations of man land system as the center of the planning and design is based on these relations as the foundation, the designers follow and adapt and meet the specific features of the ecological restoration, renovation and construction of innovative work. The formation of the natural space and planning and design of the basic characteristics of spatial pattern are different, but not according to morphological characteristics determine the ecological design, so the form is a necessary condition for ecological design, rather than a necessary and sufficient condition.

The ecological design and traditional design is not only the difference between the morphological characteristics of the design, also relates to the human and the nature of energy and materials, environmental pollution, balance and sustainability, sensitivity, diversity, integrity, the designer's condition, and the relationship between the system of internal relations. It covers the fields of nature and culture, ecology and economy, ecology and society, man land relationship, and the environmental ethics and design skills of designers. It is a full range of ecological ethics, values and skills reserve and application.

Ecological design language is the basic characteristic, the basic form, the basic space combination and the internal ecological process of maintaining the stable development. The natural ecological landscape is dominated by the natural formation formed by the natural ecological factors of the whole landscape, natural landscape description language is the natural landscape elements, a factor under the formation of composite elements formed by the combination of habitat and habitat landscape spatial combination. The language of cultural landscape is the basic element of the cultural landscape under the domination of the human ecological process, the basic unit space of culture and the spatial combination of the cultural group characteristics. Eco design language is through the basic structure, reveal the ecological landscape typical schema and inner process, through the imitation of nature and cultural heritage, based on the unique ecological processes (ecological flow) combination of space landscape elements, different typical coupling, ecological landscape design with ecological law, ecological characteristics and ecological space form the.

Because of the multi-scale and multi-level characteristics of landscape planning and design, each of them has its own unique ecological characteristics. The establishment of ecological schema should be general, universal and typical, and can adapt to the application of different landscape space. The study of landscape ecological design and ecological design language is a very important issue in the past.
Conclusion

Ecological flow and ecological process are the basis of ecological design language. According to the design of human needs and landscape planning and design to meet the ecological landscape and support process steady growth, sustainable growth has formed characteristic landscape system and stable landscape system. For a long time, the ecological design language is a neglected link and theory and method in landscape ecological design. The study of ecological design language is the basic theory and method of landscape ecological design. It is the important content of the landscape planning and design, and also the important direction of the development of the discipline. The design of ecological design language consists of 4 basic parts, namely, the context of the ecological design, the basic structure, the schematic language and the ecological process. Eco design language has its own unique language structure and syntax, which helps to form a complete, organic ecological landscape. Ecological landscape design depends on the independence of ecological design language. The ecology of landscape exists in any scale landscape space, and the ecological design language will be widely used in the landscape planning and design of any space.

Reference