

# Discussion on Ecological Concept in Environmental Art Design

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**Abstract:**With the progress of China's society, the continuous enhancement of economic strength, the living standard of the Chinese people has been greatly improved. People's demand for a better life is higher and higher, which is highlighted by the higher and higher requirements for the quality of the surrounding environment design. However, it is worth noting that there are many phenomena in the process of Industrialization in China, that is, ignoring environmental protection in the process of development, and carrying out brutal destructive development, which has aroused widespread concern. As the hinge between human and natural environment, environmental art design plays an extremely key role in ecological concept environmental design.

**Keywords:** Environmental art; Design concept; Ecological concept; The application strategy

## The introduction

After entering the new era, China has stepped into the forefront of the world in terms of politics, economy and culture, and its development prospects are good. However, while developing vigorously<sup>[1]</sup>, the environmental problems in China have become a stumbling block on the way of development. For China in the new era, we need to take corresponding measures according to our national conditions to protect our living environment and achieve sustainable development. Based on this, the relevant personnel should stand in the Angle of art design, through the analysis of the current ecological concept of China, find a way to harmoniously live with nature, design green, environmental protection with Chinese characteristics of environmental art.

## 1. Basic overview of environmental art design and ecological concept

### 1.1 Basic concepts of environmental art design

The natural environment, from a macro concept, refers to the natural environment composed of various organic and inorganic substances in a large space, and also includes the political ideas, norms of behavior and other human activities generated in the environment. For human beings, it is impossible to produce and live without the foundation of natural environment. In addition, there are many different interpretations for different subjects in the natural environment. Environmental aesthetics, as a new subject, can not produce a comprehensive and systematic understanding, but it can be understood as it is from two perspectives of nature and art, trying to change the natural environment in different ways, so that people enjoy beauty and realize the harmonious coexistence of the relationship between man and nature<sup>[2]</sup>.

### 1.2 Basic concept of ecological concept

Ecology, as an ancient subject, means human's scientific exploration of nature. The specific content of this discipline is to study the relationship between the movement of various creatures in nature and their natural environment, and to master this relationship is conducive to better exploration of human beings in nature. The ecological concept is a kind of human-nature coexistence mode discovered by human beings in the process of exploration, which makes full use of natural environmental resources and gives full play to their maximum effect under the condition of peaceful coexistence between human beings and nature, so as to ensure the normal operation of human society. The establishment of this model is beneficial to the optimal allocation of social resources, so as to reduce the waste and loss of ecological energy and natural resources, and make it to the progressive view of benign development.

### 1.3 The relationship between the two

Environmental art design and ecological concept complement each other. The former is the practice of human beings, while the latter is the theoretical basis of guiding the practice. Only by giving full play to the latter's guiding role can the environmental art design in China be carried out smoothly. In the long run, this will not only help to improve the creativity of environmental art designers, increase their design level, but also help to form a good ecological environment system and promote the construction of China's ecological environment.

## 2. Principles and guidelines followed by ecological concept in environmental protection art design

First, scientific principles. In environmental art design, high-tech new materials should be appropriately used to alleviate the waste of resources. At the same time, advanced technologies should be introduced to improve resource utilization and create a high-quality

environment. In environmental art design, scientific principles should be followed, and advanced technologies should be adopted to provide support for environmental art design to ensure that the overall design meets the requirements of ecological concepts.

Second, the 4R principle. The reuse of the current landscape resource should be reused, and a scientific concept of material selection should be established in the design process. To reduce resource consumption and ecological environment pollution, renewable resources should be carefully selected. While reducing resource utilization, the use of fuel, biological resources and soil resources should be reduced as much as possible. Renewable materials of high quality remaining in environmental renovation must be used in strict accordance with the new environmental creation guidelines; Pay attention to the recycling of recycled materials.

### **3. Application and practice of ecological concept in environmental art design**

#### **3.1 Attach importance to environmental design**

In environmental art design, we can protect the ecological environment of our country to a great extent by making full use of the ecological concept. The proposal of the concept of “lucid waters and lush mountains are mountains of gold and silver” means that Chinese people’s awareness of environmental protection has entered a new height, and it is an inevitable trend to attach importance to environmental art design. The reality of environmental art design will help our country achieve energy conservation and emissions reduction targets, promote the sustainable development of our country, need to get the support of relevant personnel, also need to environmental art designers in the design process, must fully consider low-carbon lifestyle and a series of problems such as the minimum consumption of fuel, and the resource saving and environmental protection as environmental art design professional standards.

#### **3.2 Adhere to the principles and methods of energy and material recycling**

The rapid development of economy leads to the shortage of a large number of non-renewable resources. Therefore, environmental art designers should make full use of the existing raw materials and re-develop and utilize them to reduce the consumption of raw materials and existing resources. Such as rainwater harvesting mechanisms to efficiently use natural resources and avoid waste;

#### **3.3 Put people first**

Environmental art design specialty is the essential purpose of service for people’s life, which is the ultimate purpose of environmental art design is a service for people’s life and development, so, in the environment art design major research and practice, must implement the people-oriented design concept, and comprehensive consideration of the practical need of all aspects of human life, To ensure that the results of the environmental art design profession can bring ease, happiness and sweet life to mankind. In addition, the interior environment designed by it can satisfy the needs of the human spirit on the one hand, and the other must also be natural and green. At the same time, the design standards on the basis of the popular, but also fully take care of the disabled, children, elderly people and other specific social groups.

#### **3.4 Develop new fuels and improve fuel efficiency**

Life everywhere is energy, environmental designers should be effective use and master in energy all around you, and study the use of forms, such as solar water heater, solar street light, wind power and other kinds of energy usage, and according to the environmental art design<sup>[3]</sup>, integrated into the aesthetic consciousness, in order to realize the ecological ideal of environmental art design.

### **Conclusion**

To sum up, in the process of our country’s development, the environmental problem has been the focus of our people’s attention. In this process, Chinese people also realize the importance of harmonious coexistence between man and nature. Therefore, for environmental art designers, the importance of their work is self-evident, and they need to constantly integrate ecological concepts into their work. It is worth noting that the integration of ideas is a long process, during which the relevant personnel should continue to learn, improve their own ability, with a scientific attitude, innovative thinking as far as possible to develop new energy, and design art with Chinese characteristics<sup>[4]</sup>.

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