

Space design strategy of resort hotel based on ecotourism

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Abstract: With the development of society, the development of national tourism industry has an important impact on social economy and residents' employment, and also plays a significant role in the exploration of urban and rural ecological environment. Tourism has become an important part of China's economic development, and resort hotels have also become the main part of tourism development. The development scale of resort hotels has become an important source of income for tourism, and also belongs to the cultural symbols and landmarks of tourism areas. Ecotourism is a tourism activity that enables the sustainable utilization of tourism resources under the background of protecting the local ecological environment and cultural environment, and promotes the organic combination of local economic and social development with the cooperation of ecological environment protection and public education. The concept of ecotourism puts forward new requirements for the design of resort hotels, and the change of tourism mode will also have an impact on the design concept of resort hotels. The ecological design of green and environmental protection has become the general principle of resort hotel design. As an important supporting point for the development of tourist areas, the ecological design of resort hotels plays a key role in the expression of regional culture in tourist areas. The importance of tourist hotels is also the importance of the current rapid development of tourism, which is of great significance.

1. Introduction

With the continuous deterioration of the living environment and the awakening of human awareness of environmental protection, the concept of ecotourism has aroused great repercussions all over the world. Ecotourism is a responsible tourism behavior carried out in a sufficient area. It is not only based on the protection of the local natural ecological and natural environment, but also for the purpose of experiencing the original lifestyle of local people. This behavior should be carried out without destroying the local natural areas, reducing the negative impact of tourism and promoting the improvement of local people's living standards and the development and dissemination of traditional crafts. With the development of ecotourism, the green and sustainable tourism mode of returning to nature is more and more respected by people. The design of natural original style has also become the relevant principles to be followed in the design of resort hotels. The ecological design of green and environmental protection has gone deep into all aspects of Resort Hotel Design. The organic combination of the hotel and the ecological environment advocates the site selection of returning to nature and conforming to the original construction of the terrain. The building uses the local environmental protection and low consumption materials within reach, selects the expression form of local traditional buildings, grasps the characteristics of local regional culture, enlarges and extends it. All these methods are ecological design methods that advocate and absorb nature. The ecological design of Resort Hotel means to protect the local ecosystem and biodiversity, do not damage the landform and surface vegetation, continue the local distinctive lifestyle and customs, and fully drive the local economic development and sustainable utilization of tourism resources. The resort hotel is mainly to provide a comfortable accommodation environment for holidaymakers, so that they can experience the local lifestyle and better integrate into the local environmental atmosphere. The design of the resort hotel is the integration of local tourism resources and the main concentration of local environment and life, The living environment of resort hotels can help people intuitively experience the tourism characteristics of this place. Ecotourism is based on natural scenery as the main body of tourism, that is, to maintain a more primitive nature. Western developed countries attach great

importance to the protection of tourism objects in ecotourism activities. In the development of ecotourism, avoid damaging the natural landscape. The tourism traffic is mainly on foot, the tourism reception facilities are small, and the accommodation is mostly camping, so as to minimize the impact of tourism on Tourism objects as much as possible. The resort hotel based on ecotourism should advocate the concept of environmental protection, and give full play to the positive role in the ecological design of the resort hotel based on the design principle of recycling and regeneration in the use of materials and resources.

2. Key design points of Resort Hotel

2.1 Site

For resort hotels, the site is the most important factor in the design process of the hotel. In the process of design, architects need to have an accurate grasp of the best land for the project construction and give full play to the surrounding natural landscape to the greatest extent. Usually, as a place for leisure and entertainment, the hotel needs to focus on the best characteristics of the site, Effectively fit all parts, so that tourists can get a positive experience. There are significant differences in site selection between Sea View Resort Hotel and inland Resort Hotel, so the later design process undoubtedly needs to implement targeted design according to the hotel environment.

2.2 Environment

Landscape is often the most important factor to attract people to resort hotels. Generally speaking, the landscape of resort hotels is directly related to the location. However, the key to whether landscape and architecture can be integrated is the design of architectural designers. For example, in the process of design, architectural designers usually transform the construction site to present the scene of pastoral air duct. The emergence of the concept of ecotourism puts forward new requirements for the design of resort hotels. In view of this concept, the ecological design principles of resort hotels are derived, and the regional expression closely related to ecological design includes the construction of regional places. This behavior should be carried out on the basis of not disturbing the natural region, protecting the ecological environment, reducing the negative impact of tourism and making contributions to the local economy, which puts forward strict boundaries for the choice of resort hotel environment. Under the requirements of architectural ecology, regionality has become an indispensable means to realize ecological hotels. Regional development pays attention to the protection of the ecological environment, does not damage the original environment, draws local materials on the basis of the original landform, fully considers the humanistic environment and local customs of different places, and pays attention to the integration of hotels and environment, Let passengers have a sense of intimacy to return to nature.

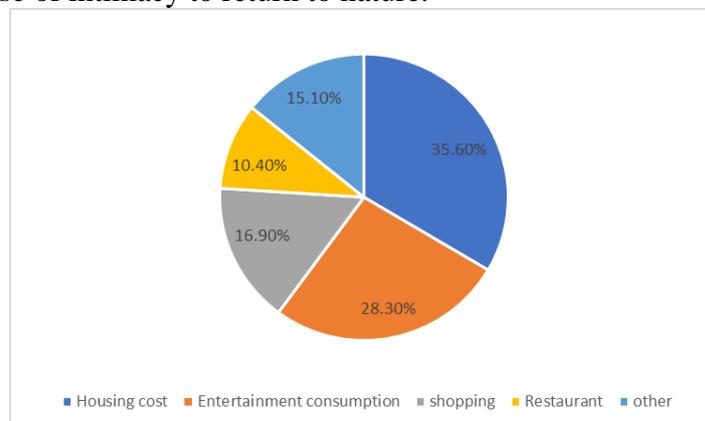


Figure 1 Revenue proportion of holiday hotels in China

2.3 Specification and government approval

Resort hotels often have very scattered layout and relatively large land occupation, which often

conflicts with the relevant national policies in the process of design. The state has certain contradictions in the measures surrounding the buildings and the landscape itself in terms of fire control, and there are also certain contradictions between the architectural design and the passage through the buildings. Therefore, On the one hand, architectural designers should meet the relevant national regulations, on the other hand, they should also pay attention to the artistry of their own design.

3. Principles of ecological design of Resort Hotel

The further development of ecotourism also requires the continuous improvement of the design of resort hotels. On the basis of natural environmental protection, save resources, consider saving water and maintaining water circulation in combination with the terrain and ecosystem of different regions, how to save energy and use waste, how to use natural wind energy, pay attention to natural ventilation and the natural environmental protection of indoor homes, With the continuous development of ecotourism, the ecological design principles of resort hotels are effectively updated and enriched, constantly updated and enriched, but they are basically based on the coordination between man and nature.

3.1 Protection and respect for the natural environment

The protection and respect for nature is the foundation of the existence of resort hotels, which embodies a sense of environmental symbiosis. Its responsibility is to coordinate the relationship between man and the natural environment and make man and the natural environment coexist harmoniously. The design of a resort hotel based on ecotourism should focus on how to coordinate the relationship between the hotel building and the surrounding environment, how to make use of local technology, Materials to reduce construction and transportation costs, how to make use of the terrain, how to adapt to local conditions, how to reduce the damage to the environment on which vegetation and animals depend, and how to use clean energy and renewable energy in the design, How to reduce the emission of harmful gases and use environmental protection materials? The design of hotels in Bali, Indonesia is a typical example of respecting the protection of the environment. The building of the hotel stands on a cliff and conforms to the terrain. At the same time, it also opens up a great viewpoint to enjoy the beautiful scenery of the Indian Ocean. The whole building is like a huge viewing platform. In the design of the hotel, it absorbs the characteristics of local rock landform, terraces and catchments, adopts a very simple and low-key architectural vocabulary, and integrates the waterscape into it, Perfect combination with tropical natural environment. Every tree comes from the local area. For example, another villa adopts a unique volcanic rock roof, and the low slope roof of the platform uses Bali volcanic pumice, which is a natural insulating material and can also grow local tourism plants and vegetables. The terrace roof integrates the surrounding landscape, making the base obtain a unique open landscape. The indoor ceiling is made of local vines in Bali, and the walls are made of stone bricks unique to Indonesia. The design scheme tries to maintain the environment of the base. The overall planning respects the existing terrain and avoids excavation and filling. Big trees are either kept or removed. The flower beds on the base cultivate local plants for the landscape, rather than using exotic plants. Local plants need a small amount of water and promote local animals and birds to stay in the area. The building uses local materials, the stone wall uses the stone obtained when building the road, and other materials are either from Bali or Java. Use sustainable bamboo and coconut. Craftsmen in Java and Bali made indoor furniture, lamps and accessories. Therefore, it is unique and gives respect to local skills and materials. It uses local products instead of expensive imported materials. The hotel also strictly abides by the low-carbon standard in operation. Most of the plants are local dry and hot varieties to reduce the amount of water source. The washing sewage will be recycled to the infiltration tank. The rainwater can also be filtered and reused. The light source has multiple light and dark adjustments to minimize the light damage.

3.2 Create conditions for users to communicate with nature

The purpose of ecotourism is to enjoy the magnificent natural beauty and breathe freely in nature.

Communication and interaction with the environment is an important aspect of the ecological design of resort hotels. In the design of Ecological Resort Hotel, the wall of the building is no longer a shield to isolate people's line of sight and maintain space privacy, but a window to overlook the environment and communicate with the environment. The integration of indoor and outdoor environment, the indoor extension of landscape, outdoor meditation space and indoor courtyard are new forms of communication between holidaymakers and the environment. Now the design and intersperse of resort hotel space consider how to make use of natural ventilation and daylighting. How to use vegetation to change local microclimate, establish three-dimensional and multi-level greening system and design water recycling system. Located in the depths of Nankun mountain in southern China, Nankun mountain cross water ecological resort is perhaps the top ecological theme resort in China's native dense forests. Several international planning designers have jointly completed the design of the resort. Almost all the buildings in the resort have high roofs and rammed earth walls. The design of glass windows and terraces allows people to have close contact with nature at any time. In addition, they can have a more direct dialogue with the environment. It is a Tree House Hotel. The tree house can be said to be a part of the overall landscape and a replica of small-scale ecotourism. Designers advocate a simple life of pure nature, integrate the architectural structure into the environment naturally, and make people really feel immersive. The tree house seems to be a part of the forest. Now different versions of the design form of the tree house have been settled in many countries. To protect and save natural capital and reduce the damage to the environmental ecosystem, the design of Resort Hotels Based on ecotourism should highlight ecology and environmental protection and avoid extravagance and waste. We should make full use of local geography, environment and climate according to local conditions. Develop the utilization of local renewable resources and protect non renewable resources. In the design, the wind, light, water, heat and other natural resources generated in the natural process shall be reasonably utilized. The use of abandoned land and raw materials to renew it should respect and protect biological diversity. In these aspects, excellent resort hotel groups have long been practicing these consensus. In the process of operation, resort hotels can implement the policy of recycling, minimize environmental pollution, and use fluorescent bulbs to achieve the purpose of energy saving. The resort works with local organizations to carry out coastal clean-up projects and monitor the local ecological environment. Through the implementation of "green environmental protection projects", we will try our best to reduce environmental pollution. The resort is not only committed to reducing energy consumption and effectively managing energy, but also uses environmentally friendly cleaners to filter sewage through wetlands.

Table 1 Analysis on the proportion of resort users

age group	proportion
the post-50s generation	2%
the post-60s generation	4%
the post-70s generation	16%
the post-80s generation	60%
the post-90s generation	16%
the post-00s generation	2%

4. Conclusion

As the main location for tourism and vacation, the hotel has always attracted tourists because of the natural beauty. The architectural design of the hotel should complement and inherit the ecology. At present, hotels do not pay enough attention to ecology. Resort hotels are generally built in a more comfortable environment. Therefore, in the process of design, on the one hand, resort hotels should meet the actual needs of hotels; On the other hand, we need to consider the integration with the surrounding environment. Therefore, ecology and energy conservation have become the problems that resort hotels have to consider in the design process. With the further development of ecotourism, the ecological design of resort hotels has also been deepened. The concept of ecological design will

also be constantly updated, which also promotes it to become an ecological oasis in the whole human living environment. Guide people to practice and promote the ecological design of living environment forever.

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