

woodcarvings. The cathedral is also home to a museum that houses a collection of rare manuscripts and other artifacts.

The Saint Nicholas Cathedral in Mykolaiv is another significant church in Ukraine. The cathedral was built in the 19th century and is a prime example of the Neo-Byzantine style of architecture. The church features five domes and a stunning interior with intricate decorations and frescoes.

One of Ukraine's most significant architectural peculiarities is the Ukrainian Baroque style. This style is characterized by its ornate decorations, curved lines, and intricate designs. The Baroque style was popular in Ukraine during the 17th and 18th centuries when Ukraine was part of the Polish-Lithuanian Commonwealth. The style is most evident in the country's religious buildings, particularly in Kyiv, Lviv, and Kamianets-Podilskyi. The Saint Andrew's Church in Kyiv is one of the most famous examples of the Ukrainian Baroque style. The church was built in the mid-18th century and features intricate decorations, including floral patterns and cherubs. Another notable example of the Ukrainian Baroque style is the Dominican Church in Lviv. The church was built in the 18th century and features a striking blue and white facade and intricate sculptures.

In conclusion, Ukraine's churches are an important part of the country's cultural heritage. They are not only beautiful structures but also important centers of spirituality and history. From medieval cathedrals to modern churches, Ukraine's architectural wonders continue to captivate and inspire visitors from around the world.

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THE GOALS OF SUSTAINABLE DEVELOPMENT AS A FACTOR IN THE FORMATION OF THE ARCHITECTURE OF SURFACE RECREATION CENTERS

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The concept of sustainable development has been around for decades, but it has become increasingly important in recent years. Sustainable development is a concept that seeks to balance the needs of people and the environment in order to

ensure that future generations can enjoy the same resources and opportunities as current generations. In this thesis, we will explore how sustainable development goals can be used as a factor in the formation of the architecture of surface recreation centers. We will first discuss what sustainable development is and how it relates to architecture, then examine how sustainable design principles can be applied to surface recreation centers. Finally, we will examine some examples of existing surface recreation centers that have incorporated sustainable design principles into their architecture.

Definition of Sustainable Development

Sustainable development is an approach to meeting human needs while preserving the environment for future generations. It is based on three core principles: environmental protection, economic prosperity, and social equity. This approach focuses on finding ways to meet human needs without compromising the ability of future generations to meet their own needs. It also encourages responsible management of natural resources and encourages individuals, businesses, governments, and other stakeholders to work together to achieve these goals.

Sustainable Development in Architecture

Architecture plays an important role in achieving sustainable development goals by creating structures that are energy-efficient and environmentally friendly. Sustainable architecture seeks to reduce energy consumption while maximizing natural lighting and ventilation, using renewable materials such as bamboo or recycled wood, incorporating green roofs or walls for insulation purposes, utilizing passive solar heating systems, and utilizing water-saving fixtures such as low-flow toilets or rainwater harvesting systems. In addition, architects are encouraged to design buildings with flexibility in mind so that they can be adapted for different uses over time if needed.

Application of Sustainable Design Principles in Surface Recreation Centers

Surface recreation centers are becoming increasingly popular as a way for people to enjoy outdoor activities while still being close to urban areas. As such, it is important that these centers incorporate sustainable design principles into their architecture so that they can remain viable over time without compromising the environment or depleting natural resources. Some ways this can be accomplished include using recycled materials whenever possible; incorporating green roofs or walls; utilizing passive solar heating systems; incorporating water-saving fixtures; using renewable materials such as bamboo or recycled wood; minimizing energy consumption through efficient lighting designs; and utilizing natural ventilation systems instead of air conditioning units whenever possible. Additionally, architects should strive to design structures with flexibility in mind so that they can be adapted for different uses over time if needed.

Examples of Existing Surface Recreation Centers Incorporating Sustainable Design Principles

There are many examples of existing surface recreation centers around the world that have incorporated sustainable design principles into their architecture in order to reduce their environmental impact while still providing enjoyable recreational experiences for visitors. One example is The Wave located in Bristol Bay, England, which utilizes solar panels on its roof as well as wind turbines on its grounds to generate electricity for its operations while also reducing its carbon footprint significantly compared to traditional power sources. Another example is The Wave located in San Diego, which incorporates green roofs with native plants and trees, which provide insulation from heat during summer months while also helping reduce pollution levels by absorbing airborne pollutants from nearby highways and other sources. Finally, The Wave located in Tokyo incorporates a variety of renewable materials such as bamboo flooring throughout its interior spaces along with efficient lighting designs, which help reduce energy consumption significantly compared to traditional lighting sources while still providing adequate illumination levels throughout its spaces.

In conclusion, it is clear that sustainable development goals should be taken into consideration when designing surface recreation centers due to their potential environmental impact if not implemented correctly from the outset. By incorporating renewable materials such as bamboo or recycled wood along with green roofs or walls, efficient lighting designs, passive solar heating systems, water-saving fixtures, and flexible structures, architects are able to create structures, which not only provide enjoyable recreational experiences for visitors but also minimize their environmental impact over time. Additionally, examples like those mentioned above demonstrate how existing surface recreation centers have successfully incorporated these principles into their architecture resulting in successful projects, which both benefit users and protect the environment.

THE MAIN PROBLEMS OF TRANSPORT DEVELOPMENT IN LARGE CITIES

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Large cities usually have most of the transportation problems that come with population and traffic growth. Over the past few decades, the development of the transportation system has not responded to these needs, leading to significant environmental problems, traffic delays, and a poor quality of life for city residents.