

The Application Technique for Riverside Space Development using Spatial Information in Cheongpungho

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1. Introduction

Cheongpungho Jechon made in 1984, the construction of Chungju Dam is an artificial fresh water lake. Cheongpungho around 30 years in the natural environment and the variety of structures wateuna been installed, most with views of two weeks, or while it is used in everything. Blessed with stunning views of the waterfront at night to take advantage of a brand new product is another form needed. Thus, with respect to the environment around the lake, landscape design, design improvement and development of rural planning soybean has been a significant need. Cheongpungho public facilities around the entire width of the road intended for guidance signal systems and street furniture Classification and approach to agricultural development schemes, mountain village tourist information systems and public facilities in the integrated approach by the design of components and individual elements the proposed research. Cheongpungho buildings and facilities suitable for local conditions in each category, such as the placement of the existing guidelines of the complementary color scheme and development plans were presented, cheongpungho take full advantage of the surrounding natural environment, a variety of ecological and spatial planning of the brand invented in this study purpose. For this purpose, cheongpungho riverside space to gather the information that the preservation of the natural environment and eco-friendly design direction first consideration was that suggest the proposed waterfront Utilization of active study.



Figure 1. Research Entire Map



Figure 2. Satellite Image of Cheongpungho

2. Research Contents and Methods

Cheongpungho status of riparian areas and the underfoot conditions and the status of the lake flows based on this research and the current installation running around cheongpungho Classification of public facilities and access to the entire system of targeted development and public facilities in accordance with the configuration of the integrated approach and individual design elements were carried out by the elements. Night show also creates a long-term business cheongpungho waterfront development plan to expand the number of national policy initiatives in the various solutions that were proposed. First analysis of the study area to the space remote sensing satellite images and color maps using aerial photographs and digital terrain and indirect placement of existing facilities on the waterfront to analysis the situation. To activate the Night-night, using light that can appeal to a three-dimensional terrain visualization brand items and was designed to be placed in the waterfront area. Local conditions in order to derive the optimum results, as well as folk literature, accommodation, tourism, information and communication infrastructure, the space direction, visual design, advertising and other promotional 10 people participated in a variety of subject matter experts specializing in each of the offerings and solutions to the Construction sector were. On the subject of light directed to the waterfront at night to help increase awareness of tourism resources, landscape lighting creates a distinctive landmark in the area you want to draw was the destination for the whole rather than the individual design environment for consideration of light through the theme of light concept is derived to express the flow was light. A couple of intensity of the illumination light directed to the formation of the rhythmic harmony with the overall plan of the structural characteristics of the region's leading attraction is strong refreshing breeze around the Bridge and the Sword in active cultural property only light was directed to conduct an initiative. Also, at night, with many people enjoying the scenery can arrange music, musical fountain and laser holography Idol performances and also be placed in addition to the waterfront simulation performed several times.

3. Results and Conclusion

Night-time than daytime in order to highlight the cheongpungho waterfront landscape lighting design using night lights should be should act to increase the visual effect than indirect experience because space-based composition and provide additional facilities are required. In order to provide these basic conditions for waterfront emotional landscape lighting utilized to produce a nightly pre Interactive Geospatial should highlight the image of the place. In addition, the colour and intensity of light and seasonal changes in hours to produce a lyrical yet Interaction experience available space should be directed. In this study, the development of brand business cheongpung-ho waterfront area day and night due to the economy through tourism and the following was expected to help. Using the natural landscape to accommodate international event highlights the image cheongpung-ho, Valley National Park in the background Woraksan cheongpung-ho flowing along the central waterfront urban area is the best brand business development of space tourism to promote improvement and can enjoy nature Experience the natural place to establish a youth water sports, ecology, and experience to provide the space, a national urban design and public space, natural healing to improve the image will be built. Been looking for one also want to go back to take advantage of the various possible cheongpung-ho life fulfil its role as a healing recovery space, due to the composition cheongpung-ho waterfront promenade area points of healing and well-being and side effects of the economy so as to promote a business branding will be. In this study, the waterfront brand business in order to show the validity of several proposed projects for the show that night was the results were shown in 3-pointers to offer.

- 1) Using the existing bridge showing a waterfall and fountain fireworks night
- 2) With the background of cultural property containing a folk tale laser fountain at night
- 3) In a view of the actual natural scene in connection with Hall musical stage performances and holography

4. References

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