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### The Research on Theme Park Planning of Mountainous City Based on Natural Factor

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**Abstract** Natural factor is that various factors as the ridges, valleys, plateaus, ravines formed by the nature force and can be abstracted as plane figure in topography. It is an important factor to control the spatial form of the mountain theme park when located in the mountainous city. By extracting, integrating and carding the natural factors and contacting with the Micro design methods of application of natural factors under the goal-oriented of Planning Concept, this paper Propose to overall plan from overall layout and form structure, furthermore, a methodology is put forward from landscape system and mountain features.

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### First page example

## The Research on Theme Park Planning of Mountainous City Based on Natural Factor

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**Key words:** Planning and design; planning control; mountainous city; natural factor.

**Abstract.** Natural factor is that various factors as the ridges, valleys, plateaus, ravines formed by the nature force and can be abstracted as plane figure in topography. It is an important factor to control the spatial form of the mountain theme park when located in the mountainous city. By extracting, integrating and carding the natural factors and contacting with the Micro design methods of application of natural factors under the goal-oriented of Planning Concept, this paper Propose to overall plan from overall layout and form structure, furthermore, a methodology is put forward from landscape system and mountain features.

### Introduction

Theme park is displaying products, dissenting information, communication technology and open recreation through the method like read extensively, exhibition, and ravel tours. Simultaneity, because of natural environment characteristics of site and the contraction with the terrain factors, the natural factors, as an important factor of influencing space form, cannot be neglect, even control the function of the theme park layout, traffic flow lines, building and gardening pieces.

### The Puzzle of Mountain Theme Park Planning

The construction is very difficult in mountain area, especially the mountain theme park which need wide-area sites in possession of large space and large-scale.

(1) There are limitations in the methods of theme park design such as long axis, large square, and symmetrical layout. It will become limiting factor that big mountain terrain, deep into small plots and the irregular of space boundaries to limit extension of vertical and horizontal two-dimensional and symmetrical layout of the main coordination and harmonization of the metropolitan areas [1].

(2) Usually, innovation in system of tourism ring road will appear. The pluralism function determines the diversification of the way to get around. So the layout of a single ring series cannot meet the requirements of diversity path and functional.

### The Application Planning of Natural Factors under the Planning Concept Guidance

**The Planning Concept in Mountain Theme Park.** The planning concept in mountain theme park is the ultimate goal built on the basis of overall cognitive of the object of planning, purpose and meaning [2]. As adhering to the plan to guide the effectiveness of control and bearer, as Table 1, we put forward to fulfilling the planning concept through the six planning issues of region, boundary, traffic, axes, node and mark.

**The Natural Factors Constitute under the Planning Concept Guide.** As shown in Table 2, according to the essential and demand of controllable, guidable and maneuverable, we put forward to ridge, valley, hillside, fissure, mesa, buntline, contour as natural factors.



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