

技术应用

利用现代“3S”技术阐释丽江古城选址的科学性

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摘要:

丽江古城的选址综合考虑了古城的地貌、地质、水文和气候等条件, 其规划营造渗透着古代风水文化及耕读思想的影响, 堪称古代城市选址中的典范。本文应用虚拟地理信息系统(VirtualGIS)技术, 重现古城的山水景观, 分析其科学性, 为现代城市的选址与营建提供借鉴。

关键词: 丽江古城 选址科学性 虚拟地理信息系统

A DISCUSSION ON THE SCIENTIFICNESS OF CITY SITE SELECTION OF THE ANCIENT LIJIANG TOWN BASED ON MODERN 3S TECHNIQUE

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Abstract:

Landscape of the ancient Lijiang town was restored by using VirtualGIS technology in this paper, and the scientificness of city site selection was analyzed too. When selecting the city site of the ancient Lijiang town in Ming Dynasty, people used the geomantic omen method, and took into account physiognomic, geologic, hydrologic and climate conditions. The geographic superiority of the ancient Lijiang town was very obvious. The site selection can serve as a classical model for reference in city building.

Keywords: Ancient Lijiang town Scientific city site selection VirtualGIS

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