

GIS and RS Application Study on Urban Dynamic Development

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Abstract

Urban dynamic development has become an important issue to both officials and urban planners in China. As the capital of China, dynamic development of Beijing has been concerned a lot by both government and scholars. Based on geographic Information system (GIS) and remote sensing (RS), the authors have analyzed the quantitative and qualitative characteristics of dynamic development of Beijing. The conclusions are as follows: (1) The dynamic development speed has been accelerated in recent years. (2) The dynamic development scale has obvious difference in temporal-spatial distribution. (3) The dynamic development trend can be controlled by means of urban planning.
