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# Matrix-type Safety Control System and Metro Fire Safety Control Countermeasures

—Based on the Fire Safety Analysis of Beijing Subway Field

ZHU Zhongyuan

Beijing Metro Operation Co. Ltd. Beijing 102209 China Matrix safety control system and  
subway fire safety control measures

**Abstract** The subway fire is directly related to the normal operation of the city. Based on the particularity of the subway field this paper analyzes the hidden fire safety hazards in the subway field from the four elements of safety accidents "human machine environment and management". Then this paper proposes the construction of a matrix-type safety control system for Beijing subway and finally discusses how to eliminate the hidden dangers of fire safety and ensure the fire safety of subway field from the three aspects of "governance control and rescue".

**Keywords** Beijing subway matrix-type safety control system subway field fire safety

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## Analysis on the Coupling and Coordination of Urban Youth Quality and Urban High-quality Development

SUO Guibin LI Jiahui SU Xiaopai

Hebei GEO University Shijiazhuang Hebei 050031 China

**Abstract** In order to reveal the relationship between urban youth quality and urban high-quality development this paper firstly constructed the urban youth quality index and the urban high-quality development index and conducted a survey on the youth quality index and urban high-quality development index of 31 provinces municipalities and autonomous regions in our country. The results were spatially analyzed which found that both indexes showed certain agglomeration characteristics and the gradient gap between various urban development indexes was very obvious then a two-way regression analysis is carried out on the urban high-quality development index and the urban youth quality index and the results showed that the regression coefficients are all positive which can be seen that the two have a positive relationship with each other and high-quality development cities are more likely to attract high-quality urban youth.

**Keywords** urban youth quality urban high-quality development coupling and coordination spatial characteristics