

# The Research of Land Use Change Under Urban Renewal Pattern Driven by Urbanization----A Case of Haidian District in Beijing

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## Abstract:

Urbanization issues have been widely concerned nowadays, people pay close attention on how to tap potential of land resource and make intensive use, they also care about which kind of urban pattern will be beneficial to sustainable development of city, and land use change induced under specific urban pattern. The paper based on the synthesizing and analysis of the traditional model and introduced the concept of urban renewal pattern for land saving, The 3D model of built-up area of Haidian District in Beijing City was built for calculation of area of land use type in 3D level. The results showed high possibility of urban renewal pattern in solving urban problems and saving land, which provided a new way for urban planning.

Keywords: Urbanization, Renewal pattern for land saving, Land use, Haidian District

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