

# 新竹縣竹北市農地地景結構變遷之研究

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## 摘要

Jubei City, Hsinchu County is a county located in Hsinchu County, Hsinchu County Comprehensive Development Plan based on land use and distribution (Hsinchu County Government, 1999), delineation of special agricultural districts, which covers a wider Jhubei City, Xinfeng Township, Hukou Township, Jubei City in the early display area of the majority of agricultural land. But now the importance of agriculture as before, two, three industry has gradually become the most important industry Jhubei, but also indirect effects of agricultural land use patterns. Rapid changes in agricultural land in recent years, many of the ecological environment around the impact of space also will reduce the habitat of species, and many biological scientists believe that the fragmentation of their habitat (habitat fragmentation) as the main cause of the biggest threats to biological diversity, rich agricultural land of the ecological species Diversity, its complexity is more hierarchical levels, from the most basic environmental advantages, gradually rise to species diversity, community, habitat and landscape-level diversity. It covers not just the complexity of species diversity only, a combination of clustering, limited by the environment, but will act on the

environment,  
and demonstrate the function of the ecosystem and landscape relationship to  
the  
environment are closely related.  
Therefore, this study will Jubei City, Hsinchu County, agricultural land  
in recent  
years, the situation changes, the use of aerial image will be used to  
digital geographic  
information and the associated research and analysis.

關鍵字：Changes in agricultural land, Geographic Information