

# 都市水圳生態復育可行性之研究-以六家地區為例

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## 摘要

In order to reduce the difference of economic development between the urban and rural area, Executive Yuan scheduled for Taiwan High Speed Railway (HSR) Project from 1988 and completed in Oct. 2006. Five HSR Station Districts are located on remote areas to stimulate local prosperity. Zhubei City, one of the Station Districts, was considered to be a potential area of industrial and commercial development. The urbanization of Liouchia, a suburban area of Zhubei City, provides higher land profits for private investors, increases population, and public facilities including schools, roads, parks, commercial firms, and so forth. All the developments may result in an unexpected impact to the ecology.

In 2006, Executive Yuan approved "Water Resources Policy Initiatives in the New Century" in order to connect with global policy--- Sustainable Development. The proposed blueprint is based on the consideration of conservation with development, meanwhile, maintaining the sustainability, diversity, future vision and feasibility policies of water resources. According to this principle, three waterways are preserved to be the blue ways in Liouchia area.

This study is focusing on the follow-up designs. Hopefully, the aquatic creatures may be survived in this area by restoration measures.

Furthermore, Zhubei City may go forward to be a sustainable city and lead the tendency for urban development.

關鍵字：Sustainable Development, Blue Belt, Waterway, Fishway, creature