

Establishment of Development Indicators for Recreation Resources
Management of River Bank in Taiwan

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Abstract

Taiwan is surrounded by sea and the climate here is mild. With many rivers and streams flow through Taiwan and the conjunction of fresh and salt water at the waterfront areas, the river bank in Taiwan has variety ecological landscaping resources. Hsinchu area has a unique river bank ecological environment surrounded by Touchian Stream, thus the local government has been developing recreational resources enthusiastically to promote tourism. However, few researches were implemented for evaluating the development of the recreation resources of river bank under such continuous development. It also made the waterfront areas in Hsinchu exposed to the threat and conflict of environmental damage. Because the environment of river bank is very complicated and changeable and uncertain, so this study will carry on the screening of assessment indices for development type of recreational resources at river bank by the grey relational analysis, in order to categorize and integrate the indices of recreational resources at river bank, and identify the indices with the representative function and value. The study results can be used by relevant research institutes and government authorities as the reference for improving whole environment downstream Toucian River and proposing relevant decision in the future.

Keyword : River Bank, Recreational Resources, Grey Relational Analysis, Toucian River