

從台灣封溪護漁之執行成效檢討河川環境治理

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摘要

The objective of river enclosing and fish protection is to recuperate river ecology in an attempt to achieve sustainable management of natural resources. However, improper dredging works and construction of public facilities, as well as panoramic restaurants beside rivers, still commonly occur today. This project examined cases of river reserves at Miaoli, for their policies and implementation effects towards the river enclosing and fish protection. We found that the values and environmental attitudes of the local representatives were critical for residents to support or oppose certain reserve development. On the other hand, the public sectors generally played a passive role and did not operate based on the integral viewpoint of resource conservation. Additionally, the affairs of the public sectors often overlap, which impact on the efficiency of environmental management. As the existing efforts of river reserve are mainly confined to protecting fish resources, holistic restoration strategies and environmental monitoring system for controlling land use and restoring natural ecology of disturbed land and ecology are deficient. This study suggested that environmental education with a more active and powerful role in environmental restoration played by the grassroots is considered important and should be encouraged.

關鍵字 : river reserve, environmental attitude, environmental strategy, environmental restoration, environmental education.