

紅樹林疏伐與海岸濕地復育之探討

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摘要

Beside the economic and academic values, the mangrove owns the functions of salt prevention, wind protection, sand stabilization, water purification, coastal protection, and organics output, etc.. Therefore, the conservation of mangrove is deeply concerned by the public. While, the mangrove might more competitive than other species and grows to be an dominant species in the coast. The high density of mangrove might bring negative impacts which include that tidal flow prevention, landformation and coastal habitat deterioration.

In this study, the relationship of mangrove thinning and wetland restoration was investigated. A case study which was offered by the Hsin Chu City Government to conduct the mangrove thinning and tidal ditch excavation, was demonstrated to restore the habitate of *Uca formosensis*. The monitoring program was performed and showed that the mangrove thinning has positive effect in the coastal wetland restoration.

關鍵字：Mangrove thinning ; Habitat ; Restoration ; Monitoring ; *Uca formosensis*