

Session I – Climate Change and Challenges to Ecological and Economic Sustainability
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Impact of Climate Change on Mangroves in the Mekong Delta

Le Tan Loi¹, Nguyen Van Be², and Barry Clough³

¹College of Agriculture and Applied Biology, Can Tho University, Can Tho City, Vietnam, Email: ltloi@ctu.edu.vn

²College of Environment and Natural Resource Management, Can Tho University, Can Tho City, Vietnam, Email: nvbe@ctu.edu.vn

³DRAGON Institute – Mekong, Can Tho University, Can Tho City, Vietnam, Email: bazzvn@gmail.com

Abstract

Mangroves are distributed along much of the coastline of Vietnam, but are mainly concentrated in the south, particularly in the Can Gio Biosphere Reserve near Ho Chi Minh City and on the Ca Mau Peninsula further south in the Mekong Delta. There are significant differences in hydrology between Can Gio and Ca Mau, mainly due to the construction of dikes and other land-use practices associated with coastal aquaculture on the Ca Mau Peninsular. In this paper we examine the effect of differences in land-use between Can Gio and Ca Mau on the resiliency of mangroves to climate change.