



## CLIMATE CHANGE ADAPTATION OF COASTAL COMMUNITIES IN THE RED RIVER DELTA BIOLOGICAL RESERVE, VIETNAM

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**ABSTRACT** – Because information is vital in planning with regard to climate change adaptation, this case study assessed the vulnerabilities of coastal communities in Giao Thien and Giao Xuan in Giao Thuy District, Vietnam to climate change. Methods used include survey, key informant interview, and review of documents of which 194 households served as the sample size. A pre-tested interview schedule was used to gather data. Descriptive statistics such as frequency distribution, percentages, and means were used to describe the data. Findings revealed that the climate change adaptation of the coastal communities include plan to build infrastructures and/or facilities and renovation of houses. Prior to the occurrence of the typhoon, the communities prepared food, water, batteries, kerosene, candle, and materials to shield their houses, and evacuate when needed. The preparation activities are concentrated on human needs and safety and securing the shelter. The preventive measures of the coastal communities as a climate change adaptation strategies entail large-scale investment that are beyond their control thus cannot be considered as their own adaptation strategies but

rather on the part of the government. However, they were able to identify that infrastructures is a good adaptation strategy. For this study, the climate change adaptation only focuses on the occurrence of strong typhoon and flooding. Other threats from climate change specifically on their livelihood does not form part of the climate change adaptation of the communities thus, considered insufficient..

*Keywords: climate change, climate change adaptation, coastal communities, Red River Delta Biological Reserve.*



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