

Jittra Detkhobut 2008: Use Value of Mangrove Forest Thungka-sawi Bay, Chumphon Province. Master of Science (Resource Management), Major Field: Resource Management, Interdisciplinary Graduate Program. Thesis Advisor: Associate Professor Apiwan Kamlang-ek, M.A. 138 pages.

This studied purpose is to assess the use of Mangrove Forest Thungka-sawi Bay in Chumphon Province, Geographical extent covers 37,950 rais, From interviewing of 200 family samples. Making of value assessment from use comprise of direct and indirect use values. The study results found that direct use values from aquatic animal catching in mangrove forest area, forest products and woods gathering, had net value 33,402,608 Baht per year, and indirectly use values including the products from coastal fisheries had net value 32,470,065 Baht per year, coastal aquaculture had net value 5,921,213 Baht per year, the value of serving coastal scouring prevention was 631,399 Baht per year and service function as being the carbon dioxide absorption source was 22.72 ton carbon dioxide per rai.

Therefore, the use value of mangrove forest in 37,950 rais area, had both direct and indirect use net value at 72,425,285 Baht per year. This means that the Mangrove Forest is a natural resource with high use for people's living lifestyles in coastal area.

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Thesis Advisor's signature

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