

Tasanai Jaisabye 2010: Factors Affecting the Participation of Villagers in Conservation of Tung Yee Peng Mangrove Community Forest, Ko Lanta District, Krabi Province. Master of Science (Agricultural Economics), Major Field: Agricultural Economics, Department of Agricultural and Resources Economics. Thesis Advisor: Associate Professor Ruangrai Tokrisna, Ph.D. 105 pages.

This research aimed to study the factors affecting participation in conservation of Tung Yee Peng Community Mangrove Forest. Data were collected 256 households in Tung Yee Peng Village and Lo Do Yong Village, in Ko Lanta District, Krabi Province. The Logit model was employed for the analysis in this study.

The study found the community conducted three groups of activities in conservation of their mangrove forest i.e. Tung Yee Peng Mangrove Forest Rehabilitation, Volunteer on Sea and Coastal Protection, and Tung Yee Peng Ecotourism. Factors Affecting these this participation were as follows. 1) For Tung Yee Peng Mangrove Rehabilitation; fishing occupation, the proportion of income from the mangrove in total income, social role, role in conservation group, and information from neighbors and relatives had positive impact on the participation. 2) For Volunteer on Sea and Coastal Protection; fishing occupation, training from the agencies, years of settlement, and role in conservation group had positive impact on the participation while proportion of income from the mangrove in total income and information from neighbors and relatives had negative impact. 3) For Tung Yee Peng Ecotourism; fishing occupation, role in conservation group and information from neighbors and relatives had positive impact while indebtedness had a negative impact. Results of the study showed that the probability of household participation on mangrove rehabilitation was 0.9003 while that for ecotourism was 0.9058. Nevertheless the probability of participation on sea and coastal protection was 0.0297.

To develop conservation on Tung Yee Peng Community Mangrove Forest there should be supportive promotion on knowledge about mangrove forest rehabilitation and ecotourism, increasing number of members from coastal fisher, training and give subsidies or loans to establishing conservation group from those who depended on mangrove resources. Issue is to create awareness by the participation of the community in management conservation on Tung Yee Peng Community Mangrove Forest for sustainable.

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Thesis Advisor's signature