

Wararat Watthanachanobon 2010: Factors Affecting Role of Community in Natural Resources Conservation on Head Watershed: A Case Study of Ban Tum Phueng, Ton youn Sub-District, Pha nom District, Surat Thani Province. Master of Science (Watershed and Environmental Management), Major Field: Watershed and Environmental Management, Department of Conservation. Thesis Advisor: Mr. Kitichai Rattana, Ph.D. 135 pages.

The objectives of this research were to study socio-economic conditions, utilization and community roles of Natural Resources Conservation on Head Watershed, to explore factors affecting community roles in Natural Resources Conservation on Head Watershed, and to give the suggestion guidelines for sustainable management of community in Natural Resources Conservation on Head Watershed. Questionnaires were designed for data collection and were distributed to 194 households of the total 380 households. The statistical analysis included t – Test, F-Test, Oneway – Anova, LSD, and Pearson’s Product Moment Correlation Coefficient tested by SPSS for windows.

The result found that majority of samples were male, age between 30-39 years old, primary school education level, and being villagers. The majority of samples were group membership, especially the agricultural product saving group. Domicile of the most were in the current living areas and with average resettled period over 30 years. That majority of samples were in agriculture sector. The average household net income was 18,296.85 bath/month. Most households were legally registered land holding status and had owned land size over 20 rais. In general, the households benefited from Natural Resources on Head Watershed. They could access to information on Natural Resources Conservation on Head Watershed. Level of knowledge on Natural Resources Conservation on Head Watershed was at the high level. The potentials of community in personality and community leaders were at the high level. And problem condition is at the low level.

Results indicated that factors affecting community role in Natural Resources Conservation on Head Watershed were social group membership at the 0.01 level of statistical significance, homeland, and the knowledge of Natural Resources Conservation at the 0.05 level of statistical significance.

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Thesis Advisor’s signature