

Saralee Thampanyut 2012: Agroforestry Land Utilization for Head Watershed
Conservation : A Case Study of Paksong Subdistrict, Phato District, Chumphon Province.
Master of Science (Watershed and Environmental Management), Major
Field: Watershed and Environmental Management, Department of Conservation.
Thesis Advisor: Assistant Professor Kitichai Rattana, Ph.D. 115 pages.

The aims of this study are evaluation of socio-economic characteristic, using resource of community, agroforestry land-use pattern of community and the effect of some factors to land-use agroforestry land utilization for head watershed conversation in a case study of Paksong Subdistrict, Phato District, Chumphon Province. The samples in this study are including; the lead of family or the key performance in Paksong Subdistrict, Phato District, Chumphon Province. The numbers of family were selected about 323 using the questionnaire for collected data. This study analyzed by statistic including; percentage and mean. The hypothesis test by correlation analysis used chi-square and specified statistic significance analysis at level 0.05

The result found that, the most sample was male between 25-59 years old and they occupation were agricultural 98.8%. The size own land over than 20 rai was 52.9%. The most of duration own land between 21-30 years was 35.9%. The most agroforestry land-use pattern was mixed-garden 88.9%. The samples have knowledge and understanding agroforestry land utilization for head watershed in high level 66.3%. Besides, the knowledge and understanding about environmental and natural resources conversation in high level 85.4%. The result of evaluated variables by Chi-square confidence level at 0.05 found that, information source, net income, education, and occupation were significance on land-use agroforestry land utilization for head watershed conversation.

Keywords: Agroforestry, Conservation, Head watershed

Student's signature

Thesis Advisor's signature