

Sopana Samchusri 2012: People Participation in Forest Fire Protection at Forest Development and Swamp Ecosystem under The Royal Pakpanang Watershed Project, Suanluang Subdistrict, Chaloe Phra Kiat District, Nakhon Si Thammarat Province. Master of Science (Forest Resource and Environmental Administration), Major Field: Forest Resource and Environmental Administration, Faculty of Forestry. Thesis Advisor: Associate Professor Wicha Niyom, Ph.D. 106 pages.

Objectives of the research were to determine socio – economic of the people in forest fire Protection at Forest Development and Swamp Ecosystem under The Royal Pakpanang Watershed Project , Suanluang Subdistrict, Chaloe Phra Kiat District, Nakhon Si Thammarat Province and to study the socio-economic factors relating to their participation in forest fire protection. The data was collected by employing the designed questionnaires to interview 366 households leader residing in the study areas. The statistical values used for describing the data and testing the hypothesis were percentage, mean, standard deviation, minimum, maximum, t-test and F-tests at 0.05 statistical significance level, through a statistical software package.

The results of the study revealed that most respondents residing in the study areas was male with age more than 40-50 years old about 33.33 percent. They mostly graduated on primary school level. Agriculture was their main occupation with their more than 5,000-10,000 Baht monthly income (49.45%). The respondents mostly had no social position. They also got benefits from the forest. They received forest fire news about 51.64 percent from television. They mostly had no training on forest fire. Their knowledge of forest fire was at middle level. They had high level of participation in forest fire prevention activity. In addition, factors significantly affecting the effectiveness of the people in forest fire prevention at the study areas were age, religion, marital status, educational level, status in household, number of family members, minor career, resettled period, household expenditures, benefits from the forest, receiving of the forest fire news and training on forest.

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Student's signature

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Thesis Advisor's signature