

3736420 ENTM/M : MAJOR : TECHNOLOGY OF ENVIRONMENTAL MANAGEMENT :
M.Sc. (TECHNOLOGY OF ENVIRONMENTAL MANAGEMENT)

KEY WORDS : BEHAVIORS / FOREST FIRE / PEOPLE / HUAI KHA KHAENG

JANTHANA NAMTHEP : THE STUDY ON FOREST FIRE CONTROL
BEHAVIORS OF PEOPLE RESIDES IN PERIPHERAL COMMUNITY OF HUAI KHA
KHAENG WILDLIFE SANCTUARY BUFFER ZONE. THESIS ADVISORS : SARANYA
SUTJARITKUL, M.D., WUTHIPOL HOAMUANGKAEW, Ph.D., SURA PATHANAKIAT,
M.Sc., 106 p. ISBN 974-662-523-3

The research is concentrated on an identification of fire control behaviors and factors influencing people who reside in peripheral community of Huai Kha Khaeng Wildlife Sanctuary Buffer Zone. The 150 subjects included 143 local residents and 7 village leaders. The questionnaires and an interview method were utilized for this study to identify personal characteristics, knowledge, attitude and behavior. The SPSS program was employed for data analysis which included percentage, frequency, t-Test, one-way Analysis of Variance and Stepwise Multiple Regression Analysis.

The study shows that the forest fire control behavior of the people was at the intermediate level. The local resident's behaviors were classified at intermediate level while the village leader's behaviors were at the higher level with a significance of 0.01. The factors positively influencing forest fire control behavior were opportunity of information transfer, education and social status, while the factor negatively influencing behavior was number of people with jobs in the residence. Thus, the information concerning forest fire, education and household participation should be promoted.