

Anontapat Tieansuwan 2008: Impacts of the Infrastructure Construction on Land Use Change in Tambon Bang Khanun, Amphoe Bang Kruai, Changwat Nonthaburi. Master of Science (Sustainable Land Use and Natural Resource Management), Major Field: Sustainable Land Use and Natural Resource Management, Interdisciplinary Graduate Program.
Thesis Advisor: Associate Professor Apichart Pattaratuma, Ph.D. 63 pages.

Objectives of the study were to determine the socio-economic condition, impacts level and factors relating between impacts of the infrastructure construction and land use change in Tambon Bang Khanun, Amphoe Bang Kruai, Changwat Nonthaburi. The using data was gathered by employing the designed questionnaires interviewed 108 respondents who live in Mue 1 Ban Bang Khanun and Mue 2 Ban Tak Dat. Chi-square method was employed for testing the relationship between each independent and dependent variable with the given significance level was 0.05 and by the statistical software package.

Results of the study indicated that the gender of respondents were male and female with rather equivalent number, and their average age were 53.69 years. Their educational level were at primary school. Agriculture was their main occupation. The average annual household income were 88,534.07 bath per year. The average resettled period and size of land holding was 50.95 years and 3.99 rai respectively. Their lands were located beside the by pass. They use their land utilization for orchard and most of them were membership of grand old forum, received impacts from the infrastructure construction in this area at the moderate level and most respondents (51.90 %) visualized that land use in study areas were changed. Factors significantly relating the farmer orchard on land use change of Tambon Bang Khanun, Amphoe Bang Kruai, Changwat Nonthaburi were road construction.

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Thesis Advisor's signature

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