

Montree Praditpol 2010: Factors Affecting on Communities Participation in Watershed and Environmental Management at Kohkred Sub-District, Pakkred District, Nonthaburi Province. Master of Science (Watershed and Environmental Management), Major Field: Watershed and Environmental Management, Department of Conservation. Thesis Advisor: Associate Professor. Wicha Niyom, Ph.D. 122 pages.

The objectives of this research were to study socio-economic condition and resources utilization of community, to find the 9 factors affecting on communities participation in watershed and environmental management Kohkred Sub-District between socio-economic and resources utilization of participation, and to give the suggestion guidelines for management of watershed and environmental management. Questionnaires were designed for data collection and distributed to about 315 from totally 1,475 households that covered Kohkred Sub-District during April to May 2009. The collective data was analyzed by using factors affecting on participation method through t-test and F-test by assigning significance value of 0.05.

The results found that majority of samples were female and most of them were aging than or mean 35 years old 28.60 %, primary school level, respect as Buddhism 93.00 % and Islam 7%. They were group membership 37.50%, main profession worked as employee 25.10%, the average household incomes 14,778.08 bath/month, average expenditure 12,396.44 bath/month, and access to information in watershed and environmental management 82.90 %, information receipt frequency 3.14 times/ month, attend to training average 2 times/year and constructed soil bunding for preventing flood 20.60 %. They had their ownelves 63.50 %, use land as residence 59.50 %, drink water and water use from Metropolitan Waterworks Authority 59.70 %, use stream water for agricultural crops 41.90 %, no water treatment for drinking water 78.10% and use forest resource management as relax and park 24.40 %. In environmental management aspect founded drain waste water directly to river canal 57.70 %, lavatory with septic tanks 98.78 % and garbage management served by Kohkred Sub-district Administration Organization 74.40 %.

Their were only 3 factors affecting on participatory communities in watershed and environmental management find factors such as education level, a vocation and group membership. The communities participation level in watershed and environmental management was medium level. The research suggestion were to promote and development communities which should be related to a vocation training and group membership.

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Thesis Advisor's signature