

Yaowalak Kaewyod 2006: Readiness of Sub – district Administration Organizations in Check dam Management of Mae Thang's Conservation and Development Unit, Rong Kwang District, Phrae Province. Master of Science (Forest Resource Administration), Major Field: Forest Resource Administration, Interdisciplinary Graduate Program. Thesis Advisor: Associate Professor Samakkee Boonyawat, Ph.D. 104 pages. ISBN 974-16-2822-6

The objectives of the research were to study readiness, potentiality, participation, and factors effecting on readiness in check dam management of sub – district administration organizations in responsible area of Mae Thang's Conservation unit. Data collection by questionnaire to interviewing 108 members of 5 sub – district administration organizations. Data was analysed by t – test and F – test and statistically significant difference level at 0.05.

Results found that most of sub – district administration organizations in responsible area of Mae Thang's Conservation unit had high level of readiness (64 percent) on check dam management and Nam Lao sub – district administration organization was highest level of readiness (75 percent), although had medium level of potentiality (61 percent), and high level of participation (86 percent). Factors affecting on readiness in check dam management were watershed conservation knowledge, contact to the authorities, donate assets and time in check dam management, perception about water's problems, and public extension knowledge of water at 0.05 significant level. Thus, Mae Thang's Conservation unit must support check dam management activity such as to be advisory committee in check dam construction, doing action plan budgeting, and support check dam's equipment and strengthen cooperative with sub – district administration organizations in Mae Thang's Conservation unit relevant to the community need.

Yaowalak Kaewyod

Student's signature

S. Boonyawat

Thesis Advisor's signature

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