

ABSTRACT

TITLE OF RESEARCH PAPER : Evaluation The Royally-Initiated Mae Aow Basin Area Development Projects : A Case Study of Water Resource Development Dimension.

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Evaluation The Royally-Initiated Mae Aow Basin Area Development Projects : A Case Study of Water Resource Development Dimension. The objectives of Mae Aow basin area development project focus on followings : 1. To evaluate the operation for Mae Aow basin area development project, the evaluation emphasizes on procedure and operational result. 2. To study the operational project impacts that effect to human both of economic and social sides. 3. To be informed the operational result of Mae Aow basin area development project both of procedure and outcome dimensions.

The process evaluation scope for studying variables which study for process and evaluation will be project approve, financial and budget management and monitoring variables which study for output evaluation will be operational result. The studying area target is covered 27 villages around Mae Aow basin area development project. Meantime, approximately of accidental sampling of 250 household-head who live in studied area and purposive sampling of six project officers in charge of water resource developing department are conducted.

1. General feature of sampling group inform that the most of them are male (69.6%) age between 41-50 years old (36.8%) who graduated primary school (46.8%), single status (86.8%) and being head of family (63.6%). The major career of the family is dimorcarpus longan (a kind of tropical fruit) farming (52.8%) and minor career is general employee (17.2%). Most of them own land of Mae Aow basin area development project 9 – 10 rai. The researches from sampling group whom are officers of Mae Aow basin area development project found that mostly are male, age between 35 - 52 years old, having 12 – 30 years of work experience, work experience in water resource between 5 – 20 years, graduated Bachelor Degree and be in charge of irrigation technician.

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2. For the procedure, most of sampling group informs that the policy and operational methodology of Mae Aow basin area development project are moderately clear. The responds for any queries by the officer of royally-initiated project are likely to be significant. For suitable dimension of Mae Aow basin area development project found that reservoir and channel are suitable. For finance and budget management found that budget distribution is late and also insufficient for operation as well. For monitoring and evaluation found that mostly refer to both of document report and information by sending staff to outdoor evaluation, which are made by every year. Moreover, the officers are moderately serious in outdoor evaluation.

3. For operational result evaluate focus on general feature found that the improving of water resource are moderately benefit to people around Mae Aow basin area development project to farming and agriculture. Focus on water sufficient for consumption by compare with before and after Mae Aow basin area development project operation found that the project be able to increase quantity of water for consumption, agriculture and revenue as well. For economic consideration found that it is growing. Besides, convenience for water consumption as same as before. For productivity, of agriculture found that Mae Aow basin area development project effect to higher productivity. In conclusion, most of the people from researching target are satisfy with Mae Aow basin area development project procedure and moderately satisfy with Mae Aow basin area development project officers.

4. This studying provide suggestion as follow 1) financial and budget management should be timely in case of withdrawal and payment 2) increasing focus on projects' budget due to lack of water resource around project's area. The solutions depend on water system management. And the system will be required much budget to management. 3) the officers who concern the project should be more seriously pay attention for working because of sampling group's opinion 4) water resource is not efficient in some area around the project than the concerned officer should emphasis in water resource distribution.