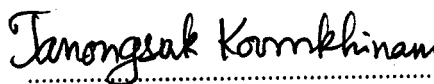


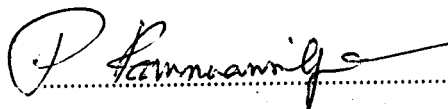
THESIS TITLE : THE POTENTIAL DEVELOPMENT OF WATER USER GROUPS
IN COMMUNITY WATER RESOURCE MANAGEMENT

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ABSTRACT

The purposes of this research are: 1) to study problems of community water resource management, 2) to analyze and find an appropriate way of water resource management, and 3) to develop guidelines for improving potentiality of the water user groups in the communities.

Thirty-six water users groups in Phonphisai Pakkhad district, Ratanawapie and Fawrai sub-district, Nongkhai province, were the focus of problem analysis.

One hundred and eight members of water use administrative committees, and 72 members of the water users group were selected to evaluate the success of the project. The general problems in water resource management were brought up to find appropriate solutions.

An intervention which made up of curricula development, training of committees and the members, demonstration of water resources management, supervision, and monitoring was

introduced to the experimental group. This experimental group was compared with the controlled group to form the basis for analyses of data.

The results from the analyses indicated that the water users from the experimental group had improved their potentiality considerably. They had created their own water resources management offices. Moreover, they had affixed labels and pertinent information about their groups to their offices. The committees and the members of the experimental group had developed specific and clearly defined roles. An effectual organization structure was developed. Consequently, the members were able to demonstrate their ability to develop work plan, and knew how to effectively allocate water to all members of their group. In addition, the members had more knowledge about how to efficiently use the water to make their own living.