

Thesis Title                      Local People's Behavior in Conserving Phetchaburi River:  
A Case Study at Tayang Sanitary District, Tayang  
District, Phetchaburi Province

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Degree                              Master of Arts (Environment)

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## ABSTRACT

The purpose of this study was to study the local people's behavior in conserving Phetchaburi river. This study investigated factors concerning the conservation of Phetchaburi river, including problems and obstacles.

The instrument used for data collecting was the structured interview. The subjects of the study were 367 heads of the family or other family members who could give the relevant information. The subjects' age, ranged from 15 to 60. All the subjects resided in Tayang Sanitary District, Tayang District, Phetchaburi province. The statistics applied were percentage, arithmetic mean, standard deviation and one way anova. The findings of the study were as follow :

1. The people's behavior in conserving Phetchaburi river is moderate level, according to three point scale devised by the researcher

2. Factors affecting people's behavior in conserving Phetchaburi river in Tayang Sanitary District are:

2.1 Age (of the population) and duration of residency are statistically significant at the 0.05 level

2.2 Marital status, period of living and income (per month), are statistically significant the at 0.01 level.

2.3 Level of education and occupation are statistically significant at the 0.001 level.

3. The motivating factor affecting people's behavior in conserving Phetchaburi river of people in Tayang Sanitary District is their information related to conserving Phetchaburi river. Different sources of information concerning the conservation of Phetchaburi river obtained are statistically significant to people's behavior in conserving Phetchaburi river at the 0.001 level.

4. Problems and obstacles of people's behavior in conserving Phetchaburi river are moderate. People living along the Phetchaburi river mostly depend on the river and gain most advantage from the river. Most of these people have problems regarding waste water treatment in the river and the use of river water is insisted by presence of waste water. They also have the lack of information on river or canal conservation.

## **Recommendations**

1. Tayang Sanitary District should have a policy to disseminate information on the conservation of Phetchaburi river, both formally and informally. This information should involve the basic knowledge of waste water treatment for people living along Phetchaburi river.

2. People should be trained in the form of volunteers for protecting Phetchaburi river by the co-operation of the of National Environmental Office and the Office of Phetchaburi Governor. These volunteers would observe people's activities and the impact on the river environment.

3. A study of people's behavior in conserving Phetchaburi river throughout the culture along the length of the river should be made. The study should include Banlat district, Muang district and Banlaem district. The study would provide more information about how the river is effected by use.