

<b>Thesis Title</b>	Understanding and Attitude Toward Pollution Problems of The Chao Phra Ya River of High School Students in Bangkok Metropolis and Surrounding Areas
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### **ABSTRACT**

The purpose of the research was to investigate the understanding and attitude toward pollution problems of The Chao Phra Ya River of high school students in Bangkok Metropolis and surrounding areas and to compare the understanding between male and female students, and between junior high school and senior high school students, compare the attitude between male and female students, and between junior high school students and senior high school students. This study approach to the six primary causes of pollution problems of The Chao Phra Ya River : community, factory, agriculture, refuse, excrete and toxic material. The research result can lead to the curriculum improvement and activity arrangement for appropriate teaching process of environmental study in the field of conservation and pollution problem solving of river.

The sample consisted of 695 high school students in eighteen government high schools in Bangkok Metropolis and surrounding areas. The instruments used in this research were multiple choices understanding test and Likert's summative rating scale attitude test. The data on understanding was analyzed by calculating the mean percentage and the standard deviation, attitude was analyzed by calculating the mean value and the standard deviation, and employ the statistic t-test for all the understanding and attitude comparisons.

The results indicated that students got high understanding level, female students got higher understanding than male and senior high school students got higher understanding than junior. Students got high attitude level, female students got higher attitude than male and the attitude of junior and senior high school students were not different. Besides it found that

among the six primary causes of pollution problem students got lowest attitude on the problem caused by factory.