

Thesis Title                      Knowledge and Awareness of Motorboat Drivers  
   Toward Noise Pollution of Motorboat  
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### ABSTRACT

The purpose of this research is to study knowledges and awareness among motorboat drivers of noise pollution caused by motorboat. This study will probe into these drivers' personality, relationship between their knowledges and awareness of noise pollution. The methodology is based on interviewing motorboat drivers commuting thro and fro along the Chao Praya River between Phra Nung Krao Bridge and Bangkok Bridge totaling 257 cases. The research results indicated that :

The motorboat drivers' knowledge on noise pollution was classified as moderately low level. Moreover interest factors in noise pollution informations and need of knowledge on noise pollution had a significant effect on the difference of knowledge on noise pollution ( $P < 0.001$ ). In addition, the ownership factor had also shown to have effects on the knowledge of noise pollution ( $P < 0.05$ )

The motorboat drivers' awareness on noise pollution was classified

as average level. The ownership and need of knowledge on noise pollution had a significant effect on the difference of awareness of noise pollution ( $P < 0.01$ )

The analysis of Variance and Multiple Classification analysis indicated that the influential factors of respondents' knowledge and awareness of noise pollution samples having education of first years of secondary school, the ownership, the interesting in noise pollution information, need of knowledge on noise pollution, The results from the statistical analysis showed that all the mentioned factors had significant effect ( $P < 0.001$ ) on the knowledge and awareness toward noise pollution.

The relationship between knowledge and awareness of motorboat drivers was found to be significantly positive at the level of 0.001 and coefficient of correlation was reported as 0.59

From this research findings, we would propose that some sort of trainings for the maintenance of motorboat engines be undertaken. This should be done at the appropriate time in order that motorboat drivers in general could have free time to attend it.