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PHITTHAYA SRIMUANG : BEHAVIOR OF HEALTH STUDENTS ON THE WATER CONSERVATION IN THE NORTHEAST. THESIS ADVISOR : PRAKAIKAT SUKUMALCHART , M.S., JIRAPORN CHUCKPAIWONG , M.A., SA-NGUANSAK KEYURAPHAN , M.S. 156 P.

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The objectives of this study were to determine the behavior levels of health students on water conservation and to study factors affecting behavior on the water conservation of health students at Sirindhorn College of Public Health in the Northeast of Thailand. Data were collected by questionnaires. Statistics used for data analysis were percentage, mean, standard deviation, One-Way Analysis of Variance, Analysis of Variance and Multiple Classification Analysis.

The results of this study found that the behavior levels of health students on water conservation were at a high level. Factors affecting behavior of health students on water conservation were experience with environmental activities and attitudes on water conservation ($p\text{-value} < 0.001$). Student's home, father's occupation, mother's occupation and knowledge of water resource and water conservation, were also significant ($p\text{-value} < 0.005$).

Sex, program, number of members in household, the highest education of members in household, experience of drought, income in household and water resource and water conservation information showed no significance on behavior of health students on water conservation.

Findings from this study can be used improving the knowledge , attitude and behavior of health students on water conservation. Teachers should emphasize daily water conservation content in Human and Environment subjects and in other appropriate subjects. Activities outside classrooms and learning from direct experience should be promoted.