

Wilaiporn Thaisong 2010: Petrochemical Natural Resource Conservation Behavior: A Case Study of Parents of Kasetsart University Laboratory School Center for Educational Research and Development Student. Master of Science (Environmental Science), Major Field: Environmental Science, College of Environment. Thesis Advisor: Mrs. Dusadee Charoensuk, Ph.D. 118 pages.

The objectives of this research were: to study the factors that correlated to fuel's conservative behavior. Data were collected by questionnaire. The sampling group were 357 parents of student of Kasetsart University Demonstration School, Research and Development Center. The statistical data were analysed with percentage, means, standard deviation, Statistical test, Chi-square, Coefficient Correlation of Pearson.

The results showed that behavior of the petrochemical natural resource conservation and environmental preventing are in the high level. The participating behavior in preventing and the problem solving of fuel resources are in the medium level. For the score of knowledge level and awareness of environmental problems altogether were 4.50 from 5 but the knowledge and awareness of climate change were slightly higher than air pollution.

Results: 1) Rejected the hypothesis: demographic factors (gender, age, education, occupation, income and number of family members). correlated with the fuel behavior conservation. 2) Accepted the hypothesis : awareness and monitoring of environmental news related to fuel's conservation behaviors. 3) Accepted the hypothesis : knowledge and awareness of environmental problems related to fuel's conservation behavior. The more knowledge and awareness are most likely to make people fuel's conservation behavior increasing significantly at 0.05.

---

Student's signature

---

Thesis Advisor's signature