

**Thesis title :** Construction of Measurement Instrument of Natural Resource and Environment Consciousness for Prathom Suksa 6 Students

**Author :** Mrs.Arunee Sangpen

**M.Ed. :** Educational Measurement and Evaluation

**Examining Committee :**

Assoc.Prof.Dr.Suthan Janhom Chairman

Assoc.Prof.Nilobol Nimkingratana Member

Assoc.Prof.Uthen Panyo Member

### **Abstract**

The purpose of this study was to construct the measurement instrument of natural resource and environment consciousness for Prathom Suksa 6 students. The subjects were 802 Prathom Suksa 6 students in the academic year of 1993. These subjects were in schools under the Office of Lamphum Provincial Primary Education. The mentioned subjects were divided into two groups : (1) sample of 217 were used for determining the values of discrimination power of the items, and (2) the 585 students were used for determining the reliability of the instrument. The sampling technique used was stratified random sampling. The measurement instrument of natural resource and environment consciousness consisted of 50 situations. Each situation composed of four choices. The quality of instrument was as follows :

1. There was face validity of the measurement instrument of natural resource and environment consciousness. The face validity was judged by experts.

2. The discrimination power of the instrument was performed by  $\chi^2$  test and found that all 50 situations significantly discriminated at .001, .01 and .05 level.

3. The reliability of the constructed instrument was confirmed by the consistency of the two responses.