

## 3972115027 : MAJOR EDUCATION RESEARCH

KEY WORD: CONDUCTING NEEDS ASSESSMENT / UTILIZATION OF NEEDS ASSESSMENT RESULT /

MINISTRY OF EDUCATION

SUDNISA PULSIRI : STATE OF CONDUCTING EDUCATIONAL NEEDS ASSESSMENT AND UTILIZATION OF THE RESULTS IN THE MINISTRY OF EDUCATION. THESIS ADVISOR : ASSO. PROF. SUWIMON WONGWANICH, Ph.D. 140 pp. ISBN 974-639-841-5.

The main purpose of this research was to study the state of conducting educational needs assessment and utilization of the result. The specific objectives were (1) to study the conducting and utilization of educational needs assessment, (2) to study the relationship between background of administrators and conducting of needs assessment, and (3) to study the relationship between background of administrators and utilization of needs assessment. The sample consisted of 88 department directors and 65 officers in the Ministry of Education. The instrument of this study was questionnaire. Data were analyzed by descriptive statistics,  $\chi^2$ -test, t-test and multiple regression analysis through SPSS/PC+ program.

The results indicated that 69.30% of the department directors conducted needs assessment, and 75.68 % of those utilized the needs assessment results. 44.60% of the officers conducted needs assessment.

The analysis of the relationship between background of administrators and conducting of needs assessment indicated that training experience in personnel/project evaluation, project evaluation experience, needs assessment knowledge and attitude towards needs assessment were significantly related to the conducting of needs assessment at .05. level.

Regression analysis consisted of 8 predictors, i.e. educational degree (EDU), area of study (AREA), work experience (EXP), training experience in personnel/project evaluation (TRA), project evaluation experience (EVAEXP), training in needs assessment (NKNOW), needs assessment knowledge (NTEST), and attitude towards needs assessment (ATT). The results indicated that the predictors were able to explain 28.24% of variance in degree of results utilization of needs assessment. The significant predictor was attitude towards needs assessment. The regression equation for raw scores was

$$\hat{UTIL} = -12.704 + 3.304NTEST + 0.917EVAEXP + 0.769ATT + 0.468TRA - 3.273NKNOW - 0.868EDU - 0.859AREA - 0.246EXP.$$

And the regression equation in standard scores form was

$$\hat{Z}_{UTIL} = 0.225Z_{NTEST} + 0.140Z_{EVAEXP} + 0.504Z_{ATT} + 0.070Z_{TRA} - 0.048Z_{NKNOW} - 0.060Z_{EDU} - 0.016Z_{AREA} - 0.071Z_{EXP}$$

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