

Thesis title        The Construction and Evaluation of Training Curriculum on Environmental Information Resource Services for Academic Librarians.

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Date of Graduation        31 May B.E. 2533 ( 1990 )

#### ABSTRACT

The purpose of this research is to construct the training curriculum on environmental information resource services for academic librarian of Thai university libraries. Data are collected from 200 academic librarians by questionnaire. There are three steps of training curriculum construction.

1. Training curriculum construction preparation.

1.1 Basic data used as a guideline for constructing training curriculum is mainly dealt with

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Environmental Sciences Programms. Basic knowledge and skill of academic librarians or participants and social situation are used as the basic determining curriculum. Also, considering present environmental situation, social needs and The Sixth National Economic and Social Development Plan, intergrated curriculum is constructed the lines of educational and training theory, curriculum construction theory, educational and psychological theories.

1.2 Ninety-nine percent of academic librarians believed that it is important to train academic librarians in environmental information resource services. Also 85.50 percent need for joining as a participants in the training. In addition the test scores show that the basic knowledge and skill in environmental information resource services of academic librarians are lower than the criterion score. It is essential to train all of topics in the tests.

### 2. Training curriculum construction.

This curriculum spends 9 days for training, its components are as following:-

2.1 Objectives are the training curriculum objectives, the general objectives, and the behavioral objectives

2.2 Contents are the 16 topics for library works emphasized to environmental information, its role in modern life and quality of life development, information on ecosystem and natural resource balances, earth and mineral resources, the natural and environmental problems, forest and wildlife resources, land use and soil resources, pollution on air,

noise and water, toxic and waste, insecticide and pesticide, antiques and ancient conservation, environmental resources policy, academic librarians role, method and techniques in library work for environmental information users needed.

2.3 Instructional methods are lecture, discussion, practice on training services skill, and educational fieldtrip, including bulletin boards and exhibitions.

2.4 Measurement and evaluation are 3 parts

2.4.1 Measurement are pre-test, in-training test and post-test.

2.4.2 Evaluation are questionnaire for instruction evaluation and program evaluation.

2.4.3 On-going training evaluation.

### 3. Training curriculum evaluation

The training curriculum was evaluated by three experts on environmental education and environmental curriculum construction on project analysis. Almost of curriculum components were agree, except educational fieldtrip was suggested to be improved by 2 of 3 experts. Thus constructed training curriculum.