

Thesis Title The Construction of Environmental Education Training Curriculum
on Coastal Resources Conservation for Teachers in Secondary
School Level in Rayong Province.

Name Sopida Pattanaporn

Degree Master of Education (Environmental Education)

Thesis Supervisory Committee

 Temduang Ratanathusnee, B.S., M.A.

 Sakda Supapongpichate, M.S., Ph.D.

 Pustee Monson, M.A., M.O.H.

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ABSTRACT

The objective of this research was to construct an environmental education training curriculum on coastal resources conservation for teachers in secondary school level in Rayong province. The process of the research was divided into four steps.

The first step was an assessment of the training needs, documentary review of the previous research studies including theories, concept and research findings. This led to the construction of research questionnaires. A test of this research tool was held with 91 teachers. The second step was a preliminary designing of the training curriculum structure and components, based on the results of the survey training needs.

The third step was a detailed curriculum design including (1) the establishment of the objectives based on the training needs, (2) identification and selection of contents, (3) identification and selection of training techniques, and (4) the evaluation of the training. The training curriculum was formulated. It was then reviewed and justified by five experts in the field of environmental education and coastal resources conservation.

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The fourth step was the implementation and the evaluation of the training curriculum. A short - course training program was launched for 30 secondary school teachers in Rayong province on 18-20 March 1997. All the trainees were given the pre-test and post-test questionnaires for assessing of their knowledge and attitude.

Analysis of the questionnaire data revealed that the post-test scores of the teachers were higher than that of the pre-test with a high statistical significance. It can be concluded that this training curriculum is appropriate and may be applied to other groups of teachers concerned.