

Lawan Wijarn 2009: Criteria Development for Categorizing People toward Community Wastewater Treatment Knowledge Transfer. Doctor of Philosophy (Environmental Science), Major Field: Environmental Science, College of Environment. Thesis Advisor: Mr. Sophon Thanamai, Ph.D. 216 pages.

The main objective of this research is to develop criteria categorizing people toward wastewater treatment knowledge transfer. The study area is the successful communities in wastewater treatment. The community consists of 2 communities. One, is North Saladang community, which is experience in developing the wastewater treatment model before new wastewater treatment model extension in community. Another, is Bang Parog community, which is non experience in developing the wastewater treatment model before new wastewater treatment model extension in community. The Methodology of this study consisted of 3 steps. Firstly, to find out key informants people who expert in wastewater treatment knowledge in their community. Then, to study about wastewater treatment model in these communities. Finally, to develop criteria for categorizing people toward wastewater treatment knowledge transfer.

The result ,base on six characteristics of sciences attitudes (cooperation, observation, intellection, responsibility, attempt and creation, showed that this could identify people who used wastewater treatment of each community. In North Saladang community, “cooperation” and “observation” were used to identify people who adopted usage of wastewater treatment. “Cooperation” “observation”, “intellection” and “creation” were used to identify people who did not adopt usage of wastewater treatment. In Bang Parog community, “cooperation” “observation” and “intellection” were used to identify people who adopted usage of wastewater treatment. “Cooperation” and “observation” were used to identify people who did not adopt usage of wastewater treatment.

It is suggested that the result of this study can be applied in two ways. Firstly, for community which does not have an experience in developing wastewater treatment model by changing the characteristics of the target group to have characteristics like people who adopted usage of wastewater treatment before they received knowledge transfer. Secondly, for community which had an experience in developing wastewater treatment model by choosing people who seemed that they have characteristics like people who do not adopt usage of wastewater treatment to develop wastewater treatment in their community.

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Thesis Advisor's signature