

Title	Increasing Capacity in Natural Resource Management and Utilization for Sustainable to Strengthening Self-management of Communities in The Northeastern Region
Authors	Udompong Ketsripongsa et al.
University	Industrial Management Technology, Faculty of Industrial Technology, Buriram Rajabhat University
Year	2017

ABSTRACT

This research aims to 1. Finding appropriate practices in managing community natural resources in the northeastern region. 2. To provide knowledge on management of utilization of natural resources by communities in the northeastern region. The research found that Appropriate practices in forest resource management are models of grouping or appointing community forest trustees. This model is a model that encourages people in the community to self-manage. Leaders play a very important role in the process. In all 3 areas: 1) Community in Sri Narong Sub-district, Chumphon Buri District, Surin 2) Khok Phra Sub-district, Kantarawichai District, Mahasarakham and 3) Fao Rai Sub-district, Fai Rai District, Nong Khai. By each area will be set up as a common practice by the community. Youth and leaders are involved. There are resources in the forest. Focus on taking care of and utilizing the forest. The knowledge management in the use of natural resources by the community. The forest volunteer group. Youth groups help to drive forest conservation through activities such as forest mapping with GPS tools. Forest conservation campaign sign Forest Preservation Camp In addition to the use and conservation of community forests. Use participatory forest management. There is a common forest use agreement. There are forest invaders penalties. There are volunteers to protect the forest of the community. 2. Appropriate management practices for water resources are the form of water management by regulating water resources and water users. Appointment of a committee to coordinate with the

relevant agencies. Participation in water management of water user groups. Most of the community water management model is a form of water management by regulating the management of water. There is a fund for water users. Forms of Cooperation Appointment of a committee to coordinate with the relevant agencies. Appropriate water management model Teamwork is required. By creating common ground. Have the ability to coordinate. Organizing a learning forum In addition, there is a need for collaborative action in the management of community water resources. In 4 areas: 1) Community in Tambon Mueang, Satuk District, Buriram Province 2) Tambon Mueang Phon Phon Khon Kaen 3) Tambon Jan Lan, Kusin Narai. 4) Tambon Ban Sing, Nang Rong District, Buriram Province. Innovations in water use include the innovative air pumping system in the Muang Ka District. The model of community water management has introduced the innovative water-pump system without using energy to use at Ban Sing. Wind Turbine Innovations for Pumping in Groundwater in Jan Lan Land, etc. The performance of households in the community. Each area will have Some areas will focus on water users. Focus on water user group relationships. More emphasis on regulation and control. The participatory water management model for water users. It focuses on raising awareness and knowledge for the community. Mapping and exploration of water resources for community consumption will be jointly formulated for community water use. New innovations and technologies help to manage water in the community, reducing the use of electricity or oil. Reduce household expenses.

Keywords : Increasing Capacity, Natural Resource, Management, Utilization for Sustainable