Promoting Sustainable Agriculture in Samroung Commune, Prey Chhor District, Kampong Cham Province through Network of RCE Greater Phnom Penh

RCE Greater Phnom Penh
Institute of Environment Rehabilitation and Conservation (ERECON)
Introduction

- Agriculture is one of the important sectors in Cambodia
- 70% of labor force engages in agricultural sector
- RCE Greater Phnom Penh covers 6 provinces surrounding Phnom Penh Capital
Introduction

- In Kampong Cham Province, mono cropping based on conventional farming system by applying chemical fertilizer and pesticide.

Inputs

Conventional Farming System

- Pesticide
- Chemical fertilizer

Impact

- on human health
- on non-target microorganisms
- on natural environment
Eleven villages which are located in Samroung commune, Phrey Chhor district, Kampong Cham province, Cambodia

**Samroung commune**
- Land area: 16.85 km²
- Population: About 8,111
- Main production: rice
- Conventional farming system is mainly applied
Project activities

The Food, Agriculture and Environment Education have been focused on sustainable development in the area of Greater Phnom Penh

Approaching to local communities

Sustainable farming practices such as producing and applying compost, pellet compost, liquid bio-fertilizer and bio-pesticide have been promoted

Approaching to elementary schools
Activities in 2012

- Farmers is making compost
- Pellet compost center
- Managing model farms
- Promoting ESD through the Food, Agriculture and Environment Education at local communities
- Model farmer explains about SAP to other farmers
- Farmers practice how to make pellet compost
- Forming farmers‘ group

Model farmer
Activities in 2012

Promoting ESD through the Food, Agriculture and Environment Education at elementary schools

- Students observe agro-chemical use
- Students conduct rice growth experiment
- Established vegetable garden in elementary school
- Vegetable garden at elementary school
- Instruction about food, agriculture and environment
Project Summary in RCE GPP Activity

- Sustainable farming practices such as producing and applying compost, pellet compost, liquid bio-fertilizer and bio-pesticide have been promoted at the local communities as well as at the elementary schools.
- For raising awareness on ESD at the elementary schools, the student experiments and the seminars on the Food, Agriculture and Environment Education were conducted.
- Also, the capacity building on ESD has been run for local farmers. For building local farmers’ confident, the excursion to other farms managed with sustainable farming practices in Thailand or Cambodia was conducted. It was effective for deepening perception for local farmers.
- RCE activities described was highly relevant, so it was addressed by the Cambodia Government (MAFF) regarding Greening Agriculture.
- RCE Greater Phnom Penh is contributing to promote Green Agriculture, sustainable production as well as sustainable consumption for achieving global sustainable development.
Thank you very much for your attention!

RCE Greater Phnom Penh

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