

Group 4 Traditional Water Management

Resource Person

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MK Staff

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Volunteer Student
Wipa Srinakha

Fellows

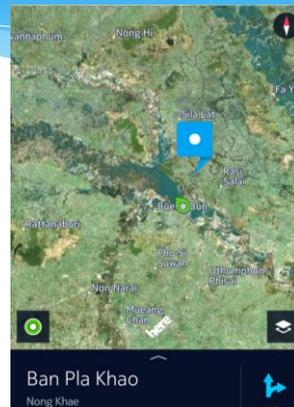
Pham Huu Ty
Kyaw Thu Han
Kimberly B Roberts
Kien Kham
Tran Duc Trinh
Nguyen Phuong Le

Group 4 members and the villagers

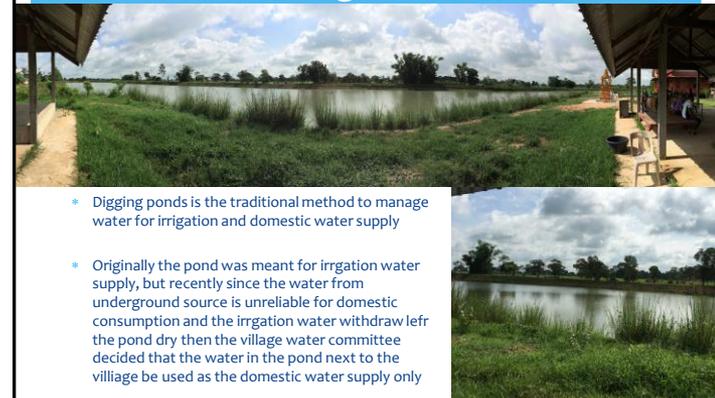


Ban Pla Khao Village

- * 224 households 900 people
- * Rice cultivation
- * Livestocks
- * Small trading
- * Aquaculture in the reservoir
- * Fishing, non-timber forrest products



Rain fed ponds for water supply and irrigation



- * Digging ponds is the traditional method to manage water for irrigation and domestic water supply
- * Originally the pond was meant for irrigation water supply, but recently since the water from underground source is unreliable for domestic consumption and the irrigation water withdraw left the pond dry then the village water committee decided that the water in the pond next to the village be used as the domestic water supply only

Irrigation water from pond



- * Active and passive water supply for irrigation



Pumping station for irrigation One station for 160 hectares (1000 rai)



- * Pumping station sometimes doesnot help in the dry season because of the low flow in the river
- * 20 years after the building of dam the irriagtion system still faces with many difficulties (not enough water in dry season, canal system has yet deliverd water to all the field
- * Lack the linkage between the government and communities



Water treatment at the village



- * Water treatment in the village is just for non-consumption use (families bought bottle water for drinking)
- * Used to pump from groundwater, but now extract from pond

Water quality after the treatment



Water treatment business



Wetland



* Caution: unintended consequences of the policy

Gender issues



How's our field survey implemented



Thank you for your attention!