

EFWS5: Community Water Resource Management Leading to Better Community's Sustainable Livelihoods

Organized by Coca-Cola Thailand and HAI

Meeting room # D6 Than-ta-wan, 17 May 2013 at 13:30-16:30 hrs

The Coca-Cola system in Thailand has partnered with Hydro and Agro Informatics Institute to support communities' sustainable water management and education. The program is helping to introduce innovative technologies such as GPS, satellite images, and weather telemetry, to communities so they can improve water resources management in time of scarcity and excess.

The project in Ban Limthong, Buriram communities, has shown the great success to overcome the problem of water scarcity and excess crisis. It consists of farm pond network (more than 30 monkey cheeks - water retention ponds, linking to water distribution network). The network captures rainwater during the rainy season to increase crop production during periods of water scarcity. The community has changed from drought to productive agricultural areas which triple their incomes and cut down their debts. Eventually migrate villagers return and work in their hometown. With robust system and good management, Ban Limthong can reduce over 15 MBaht of negative agriculture and residential impacts of rain recession and flood problem.

Since 2007, the project has brought over 400,000 m³ water capacity to 32 villages in 3 sub-districts, Buriram in the northeastern Thailand.