

Jintana Sungkhao 2010: Participation in Forest Resource Management through Tree Bank Concept: A Case Study of Klong-Rua Village, Phato District, Chumphon Province. Master of Science (Resource Management), Major Field: Resource Management, Interdisciplinary Graduate Program. Thesis Advisor: Associate Professor Patsi Prasomsin, Dr.rer.rat. 135 pages.

The objectives of this research were to study the Tree Bank organization of Klong-Rua Village, the community's participation process and the result of operation with Tree Bank Concept in Klong-Rua Village, Phato District, Chumphon Province. Data used for the study were gathered by using indepth interview for the initiative committee of Tree Bank, designed questionnaires interviewed members of the Tree Bank in Klong-Rua Village and direct observation. Then, data were analyzed by descriptive statistics.

The results of this study indicated that the Tree Bank organization of Klong-Rua Village was consistent with 2 parts namely the committee and members of Tree Bank. The operation with Tree Bank Concept in Klong-Rua Village base on community's participation in acceptance and decision making to operate through Tree Bank Concept. The Committee and members are participation in seedling production and tree planting in their own lands, especially *Michelia champaca* Linn. was the most favorite planted species. Furthermore, an activity of seedling production could be generated job and income, good relationship, and community fund. The community fund could be supported activities and allocated benefits within Klong-Rua Village.

The conclusion of this study indicated that Tree Bank Concept could be implemented for community-based forest management, especially in public forest area which would be benefited to continue in forest resource management of Thailand.

---

Student's signature

---

Thesis Advisor's signature