

## Abstract of Project PD 228/03 Rev.3 (F)

1. **Project Title:** Tropical Forest Fire Monitoring and Management System Based on Satellite Remote Sensing Data in China

2. **Serial Number:** PD 228/03 Rev.3 (F)

3. **Budget:** (in US\$)

Source of Finance	Contribution		
	Whole Project	Phase 1	Phase 2
ITTO	395 028	230 000	165 028
Government of China	276 345	172 500	103 845
Total	671 373	402 500	268 873

4. **Executing Agency:** Research Institute of Forest Resources Information Techniques of Chinese Academy of Forestry (RIFRIT, CAF)

5. **Duration:**

Total	Phase 1	Phase 2
30 months	18 months (May 1 <sup>st</sup> , 2006 ~ October 31 <sup>st</sup> , 2007)	12 months

## 6. **Summary**

This project proposal is a result of the completed pre-project PPD 22/01 Rev.1 (F) with the same title.

China's tropical forest region is a region with high frequency of forest fires and serious forest losses from fire. This situation can be attributed to the insufficient fire prevention capability, which is due to the low level of forest fire monitoring and fire danger forecasting, and the lack of public education and awareness on forest fire prevention.

The project is aimed at reducing the frequency of forest fires and forest losses from fire, strengthening forest protection and accelerating the sustainable development and utilization of tropical forests in China. Its specific objectives are: To improve forest fire monitoring and fire danger forecast in the experiment and demonstration area (in Guangdong Province) and to raise public awareness on forest fire prevention, and so to reduce the forest fire through the establishment and operation of TropFireMAS (Tropical Forest Fire Monitoring and Management System Based on Satellite Remote Sensing Data in China), and through demonstration, technical training and relevant public education.

The main achieved outputs of the Project Phase 1 are:

(1) Output 1: Establishment of TropFireMAS System;

- (2) Output 2: Technical training for application and popularization of TropFireMAS System, i.e. holding training courses for forest fire managers and persons on duty to learn how to operate the system and apply the forest fire information provided by the system to fire prevention actions;

The main expected outputs of the Project Phase 2 are:

- (1) Output 1: Operation and application demonstration of TropFireMAS System;
- (2) Output 2: Public education and training on forest fire prevention, i.e. holding the training courses for the villagers of the communities to raise their awareness and skills on forest fire prevention.

The Project Phase 1 has been fully accomplished, in which TropFireMAS System has been established and the relevant persons have been trained. The sound accomplishment of the Project Phase 1 paved a way for the success of the whole project. The Project Phase 2 will operate TropFireMAS System, demonstrate applications of the system, increase the trainees of the training course, and carry out public education on forest fire prevention. The achievements and effectiveness of the whole project will be revealed remarkably when the Project Phase 2 is implementing.

The Executing Agency sincerely expects that ITTO and Donors will support commencing Project Phase 2 immediately.

## **7. Supplementary:**

The Project PD 228/03 Rev.3 (F) is derived from PD 228/03 Rev.2 (F), by dividing the project into two phases. The Project PD 228/03 Rev.2 (F) has been approved by ITTO Council at 37 Session in December 2004, and the Project PD 228/03 Rev.3 (F) has been re-approved by ITTO Council at 39 Session in November 2005.