

# **The Use of Small Format Aerial Photography in Disaster Management (Case of Cililin Area Landslide in West Jawa)**

**B. Santoso DIPOKUSUMO and T. Lukman AZIZ, Indonesia**

Key words: SMAF, rich information, relatively cheap, appropriate technology.

## **SUMMARY**

Disaster can happen anywhere at any time. Any action related to the disaster management has to be done in a quick and proper manner. At the very first chance, immediate survey over the area must be done to get as much as possible data and information concerning the disaster. Some examples of data/information needed are type of disaster, estimation on how big the area, identification of the damage, estimation of the total cost, physical rehabilitation, etc. With regards to Cililin area right after the disaster (i.e. two days after), Small Format Aerial Photography (SFAP) has been used to take the aerial photo. At the beginning an R/C aircraft (unmanned platform) will be used, but due to safety consideration, a manned trike was used. Relocation of damaged houses is being planned as part of the disaster management process. Mapping for the relocation area will be carried out by SFAP method. This paper presents the work that has been done in relation with disaster management in Cililin area recently (May 2004).

## **CONTACTS**

B. Santoso Dipokusumo and T. Lukman Aziz  
Department Geodetic Engineering ITB  
Bandung  
INDONESIA  
Email: tlaziz@gd.itb.ac.id; bobby@gd.itb.ac.id