

## **NEW AND EFFICIENT TECHNIQUES FOR FLOOD FIGHTING**

**Abstract** : Flood fighters play an important role during floods. However, the decreasing number and the aging of the fighters can weaken its flood fighting force. This research focuses on the development of labor saving ringing and flood fighting information sharing system. The experiments for a piping detect technique using new technologies have also been carried out. The developed labor saving ringing can be built in 20 minutes with 2 fighters. The information sharing system efficiently uses a mobile phone and a photo sharing service, and can provides an cost effective and easy operating service.

**Key words** : flood fighter, flood fighting, piping (internal erosion), information sharing