# Application of Web and GIS Technology to Develop Military's Differential Action Information Platform

*Chien Hao Chang[1], Ch Yu Liu[1], Chun Ta Wei[1]

1. Department of Computer Science and Information Engineering,CCIT

Taiwan is located in a special environment where geographical location and plate transfer, rainfall and earthquakes occur frequently, geological disasters are diverse and complex, and disaster prevention is an important issue that cannot be evaded by the whole people. In the face of such frequent natural disasters, the government's disaster prevention and relief work is particularly important.

On July 13, 1999, the Legislative Yuan officially read the "Disaster Prevention Act" [1] sub-amendment amendment, which not only allowed the Fire Department to transform into a disaster prevention and rescue department, but also assigned the national army to prevent disasters. Source of law. In keeping with the "disaster relief as a warfare" attitude, the National Army can, in response to each exercise and drill, be able to give full play to the rapid relief efforts of the national army in the golden rescue moment of major disasters, and avoid the national social disaster caused by environmental safety issues. The National Army has followed the policy guidance of "advance deployment, pre-set strength, and always-time rescue" for disaster relief, and is on standby to carry out disaster prevention and rescue missions such as preventive evacuation to protect the lives and property of the people.

To construct a multi-disaster information platform from the forward-looking command post to the users of the various levels of command posts at the back-end, to provide real-time information on the disaster relief center, to facilitate the disaster, and to control and issue orders through the information platform. For the officers and men, the mission is smooth and the delivery time is shortened. After the National Army has been refined, the number of people has been greatly reduced. In the future, in the implementation of disaster prevention, it is necessary to integrate and properly use the resources of the entire army to meet the needs of the people.

Keywords: disaster relief, military, information platform