## A system based on Web-GIS for flood management

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This paper present the Web GIS Base Flood Management System which includes a Disaster (Flood) Information and Communication system to provide updated, accurate and coordinated information to the public, disaster management authorities and local administration. The Disaster Information management System will enhance the disaster response ability of the communities and local level administration who play a major role in disaster recovery programmes by providing details of community based disaster preparedness plan and action, specially for frequently flooded areas. Important feature in this system can display both spatial and feature information of after effects damage and it is providing facilities to real time disaster information collection, analysis and management. This system may also work as flood predictions system and may be used to protect human life from disaster and the immediate emergency needs of people.

Key words: WebGIS, Flood management, Disaster information management system, Flood predictions system, Disaster preparedness plan and action

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