

Abstract

Application Based on ArcSDE and ArcIMS for Emergency Response Center

Track: EMS, Fire, Disaster Management

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For the Emergency Response Center, immediately managing the latest information at every stage such as mitigation, preparation, response, and recovery is essential in order to take an appropriate measure. This paper describes how the Debris Flow Disaster Emergency Response Center in Taiwan integrate ArcSDE and ArcIMS in the response and recovery stages, utilizing wireless technology to transmit real time disaster information including the disaster's coordinates, conditions and images to the ArcSDE Database in the Emergency Response Center. In addition, using ArcIMS to provide real time disaster information through the Internet to related emergency response organizations for reference.

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