



SPATIAL INFORMATION DAY 2011

and the

SOUTH AUSTRALIAN SPATIAL EXCELLENCE AWARDS

Adelaide Convention Centre | FRIDAY 5 AUGUST 2011

Spatial Information Day 2011 Abstract

Title: GIS in Disaster Management

Session: 2 – Geography helping the world

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Abstract:

At the beginning of 2011 Australian communities, emergency management groups and government departments were required to respond to multiple natural disasters which were unforgiving in their destruction. The response was ongoing, it was tireless and it was driven just as much by responders in the backroom with a computer as it was individuals clearing mud from inundated houses.

GIS plays a critical role in disaster management, starting with planning before an event takes place. From guiding rescue workers out in the field through to a real-time common operating picture of networks, infrastructure and assets back in the office GIS is an essential tool for planning for, responding to and recovering from natural disaster. This presentation will examine just what kind of critical role GIS plays and how GIS was applied in response to the Queensland floods and New Zealand earthquakes.

