

# EM Online: online emergency management resources and sites

**Australia Disaster Management Platform: real-time information for fast evidence-based decisions (<http://admp.org.au>)**

**AUSTRALIA DISASTER MANAGEMENT PLATFORM**

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## Flood Modelling and Preparedness

The ADMP is working in collaboration with the Queensland Government and other researchers to study the data collected during the Queensland Floods. The outcome of this collaboration is better inform flood models available within the ADMP platform.

### The Australia Disaster Management Platform (ADMP) – 2013

The University of Melbourne and IBM are collaborating on developing completely new IT technologies that represents a step change in the world's ability to manage disasters, save lives and protect communities. This innovative, integrated, open standards based whole-systems disaster-management platform is a major undertaking which partners will design and implement in stages over the next few years. The platform will enable all those involved in the planning for, responses to and the recovery from multi-hazard disasters including communities to make swift, effective decisions, based on comprehensive, accurate, real-time information.

The concept of the platform is central to the ADMP as it will draw on vast amounts of geo-spatial and infrastructure information from multiple data sets (including many sets already in existence), bring these together, facilitate discovery and then integrate and analyse the data to create real-time, practical information streams on disaster events and to develop simulation and optimisation models. This practical information will then be communicated at appropriate levels of detail, to the wide spectrum of people involved making emergency decisions – from the central co-ordinating agencies who are charged with directing activities, to on-ground emergency services personnel, through to the local community members trying to decide whether to evacuate and if so how.

**Capability & Delivery Layers to be Developed in the Australian Disaster Management Platform**

IBM, UNIVERSITY OF MELBOURNE, ADMP, Disaster Management Community

Researchers from the Melbourne School of Engineering at the University of Melbourne and IBM have collaborated to develop the Australia Disaster Management Platform (ADMP).

The ADMP gathers, integrates and analyses large amounts of geo-spatial and infrastructure information from multiple data sets. It provides real-time practical information streams on disaster events.

This gives people and agencies involved in planning for, responding to, and assessing recovery from multi-hazard disasters to make swift, effective decisions, based on comprehensive, accurate, real-time information.

Those charged with directing activities and decision-making can communicate the information to the wide

spectrum of people involved in making emergency decisions—from the central co-ordinating agencies, to the on-ground emergency services personnel and local communities.

The ADMP is an open standards-based IT platform aimed at improving disaster management, protecting communities, and saving lives.

The current content includes research, latest news and profiles.

### For further information

The ADMP is at <http://admp.org.au/>.