Planning and Capability Requirements for Catastrophic and Cascading Events

Andrew Gissing1, 2, 3, Michael Eburn 2, 4

1 Risk Frontiers, St Leonards, Australia. 2 Bushfire and Natural Hazards Cooperative Research Centre, East Melbourne. 3 Macquarie University, North Ryde, Sydney. 4 Australian National University.

PROJECT UTILISATION OPPORTUNITIES
Within the initial two years of the project, several utilisation opportunities have been identified. Some of these are outlined on this poster.

CAPABILITY MATURITY ASSESSMENT TOOL
The connection between disaster planning, capability and capacity are essential, but often overlooked. In collaboration with end-users (Emergency Management Victoria and Home Affairs), the research team has developed a capability maturity assessment tool, designed for use by jurisdictions and organisations to assess the current maturity of their capabilities utilising a series of criteria. The tool is Excel-based and easy to tailor to specific contexts. Functions to support summary reporting have been incorporated. The tool can be utilised on a longitudinal basis to assist jurisdictions and organisations to measure and report on their preparedness.

CRISIS LEADERSHIP
Few leaders in their careers will experience a truly catastrophic event. The extent to which Australia has previously experienced a national level catastrophe is debatable, with perhaps the Spanish Flu and Cyclone Tracy being events of most significance. To promote leadership styles and strategies that have been previously utilised with success, the research team has created a crisis leadership case study based on the experiences of Major-General Alan Stretton in leading relief efforts following Cyclone Tracy. This case study was recently presented to volunteers and staff of the Victoria State Emergency Service as part of a leadership development exercise. Key points from the case study are that leaders need to be decisive, agile, curious, politically aware, collaborative, self-aware, strategic and at times empathetic. The case study can be presented to other end-users.

For further information about utilisation contact Andrew Gissing at andrew.gissing@riskfrontiers.com

POLICY REFORM AND CHANGE
It is inevitable that emergency management resources will be overwhelmed by a future disaster, as organisations are largely resourced for only routine events. Existing emergency management doctrine espouses an all-agencies approach which is government-centric. To plan and prepare for catastrophic disasters it is necessary to look beyond a government-centric emergency management model to a whole-of-community approach.

The occurrence of catastrophic disasters will require resources from across different jurisdictions. This requires resources, systems and processes to be interoperable and for arrangements to allow for national coordination. Therefore, a nationwide approach to planning and preparedness for catastrophic disasters is necessary. Research to date concludes that the all-hazards, all-agencies approach should be replaced with an all-hazards, nationwide whole-of-community approach.

LEGISLATIVE CHANGE
Currently the Commonwealth has no overarching or specific counter-disaster legislation. In the absence of legislation there is Commonwealth power to respond to emergencies within the areas of Commonwealth responsibility. Further, there is an inherent power to deal with catastrophic disasters vested in the Crown as part of the prerogative power of the Crown and now incorporated into the Executive Power of the Commonwealth. Exactly what constitutes a ‘catastrophic disaster’ is open to debate and, in the absence of legislation, may be the subject of judicial challenge. It is argued that a disaster where a state government is overwhelmed, such that the state itself is at risk of collapse and there is no effective state government, would be a national catastrophic disaster that would justify Commonwealth intervention in order to restore effective state government. What disaster, short of the collapse of state government, would be sufficient for direct Commonwealth action cannot be conclusively defined.

In the absence of legislation and a truly catastrophic event, the Commonwealth’s authority to exercise national leadership and coordinate Commonwealth, state and private assets will depend on good will and cooperation. The extent of the Commonwealth’s executive power cannot be identified until the circumstances of the particular disaster have been identified.

Failing to define, in legislation, the role and power of the Commonwealth will leave the Commonwealth to ‘cope ugly’ with any particular catastrophe. That may be acceptable as it will leave the Commonwealth with adaptive flexibility. It has, however, been a consistent recommendation of commentators that the Commonwealth should legislate to ensure that the Commonwealth is able to cope with an inevitable catastrophe. A model Act has been drafted for end-users.