





Planning and Capability Requirements for Catastrophic and Cascading Events

Andrew Gissing^{1, 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.

POLICY REFORM AND CHANGE

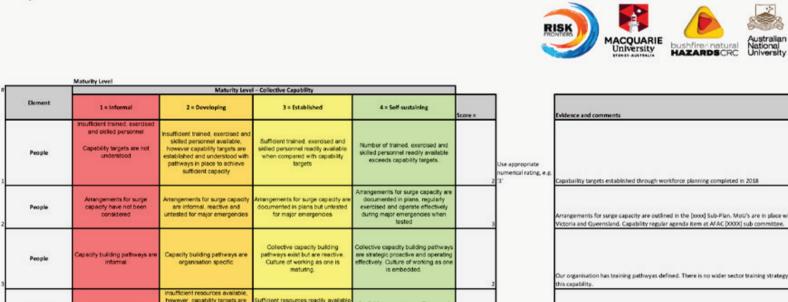
It is inevitable that emergency management resources will be overwhelmed by a future disaster, as organisations are largely resourced for only routine events. Existing emergency management doctrine espouses an all-agencies approach which is governmentcentric. To plan and prepare for catastrophic disasters 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.

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.

Example



Research to date concludes that the all-hazards, all-agencies approach should be replaced with an all-hazards, nationwide wholeof-community approach.

LEGISLATIVE CHANGE

Currently the Commonwealth has no overarching or specific counterdisaster 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.

4	Resources	Insufficient resources	established and understood with pathways in place to achieve sufficient capacity	when compared with capability targets	Available resources readily exceed capability targets	2	Capability targets were developed as part of workforce planning completed in 2018.
5 6 7	Resources	Arrangements for surge capacity have not been considered	Arrangements for surge capacity are informal, reactive and untested for major emergencies	Arrangements for surge capacity are documented in plans but untested for major emergencies	Arrangements for surge capacity are documented in plans, regularly exercised and operate effectively during major emergencies when tested	2	Resources have been provided by other states previously.
	Resources	Resource capacity building pathways are informal	Resource capacity building pathways are organisation specific	Collective resource capacity building pathways exist but are reactive	Collective resource capacity building pathways are strategic, risk based, proactive and/or operating effectively	3	Joint procurement strategy exists
	Governance	Roles and responsibilities are not defined	Roles and responsibilities are inconsistently defined	Roles and responsibilities are mostly well defined	Roles and responsibilities are consistently well defined		Roles and responsibilities are defenned in (popo) sub-plan
	Governance	No systematic governance, strategy, monitoring, risk management, and reporting	Specific project / single agency- based governance, capability planning, monitoring, nisk management and reporting Collective governance largely inconsistent and disconnected	Collective governance, risk management, capability planning, monitoring and reporting processes are established	Collective governance, monitoring, risk management, capability planning and reporting is actively connected and exercised Governance enables flexibility, adaptability and transformational change	2	No sector-wide poverance exists
	Governance	Assurance activities are limited and inconsistent	Assurance activities are organisation specific and lack independence	Assurance activities are sector wide and collaborative though lack independence	Independent sector wide risk-based assurance is provided Strong lessons learnt culture and		
9	Systems	Poor lessons learnt culture Systems are insufficient, operate in isolation and have suffered from previous failures	Lessons learnt culture is emerging Systems are one-off, project specific or not well embedded Systems might be connected and interoperable at an organisation level, but not across organisations	exist Systems are user friendly, fit for cotective purpose and are interoperable across organisations Limited ongoing resourcing for systems enhancement to meet changing purpose	management system Systems are user threndy, tit for collective surpose and are interoperable across organisations Active connection with system users to enhance systems with sustainable ongoing resourcing	2	Captured in internal audit titled (xxxx) completed in 2017
11	Systems	Business continuity and IT recovery plans are not developed or well outdated	Business continuity and IT recovery plans are being developed or reviewed	Business continuity and IT recovery plans are established	Business continuity and IT recovery plans are established, tested and proven to be robust	1	No business continuty plans have been reviewed in the last 12 months
12	Processes	Processes are informal, organisation and hazard specific	Collective processes cutst but with limited collective adoption across agencies/organisations Reactive refinement when problem emerges	Collective processes documented and clearly visible Limited appette or capacity to refine in proective manner	Collective processes fully embedded, tested and regularly updated with feedback loops across lorganisations Proactive anticipation and resolution of problems not yet established	2	Post event debrief report identified that processes require further embeding across sector
	Processes	Processes are not well understood by personnel	Processes are partially understood by personnel, though efforts are underway to improve	Processes are understood by personnel	Processes are well understood by personnel and have been exercised/tested and proven to be		

Figure (1) Capability Maturity Assessment Tool

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.

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

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