



Approaches to Hazards



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- Plans
- Debriefs
- Drills
- Research
- PPRR
- Awareness
- Functions
- Contracts / MOU
- Liaison
- Community



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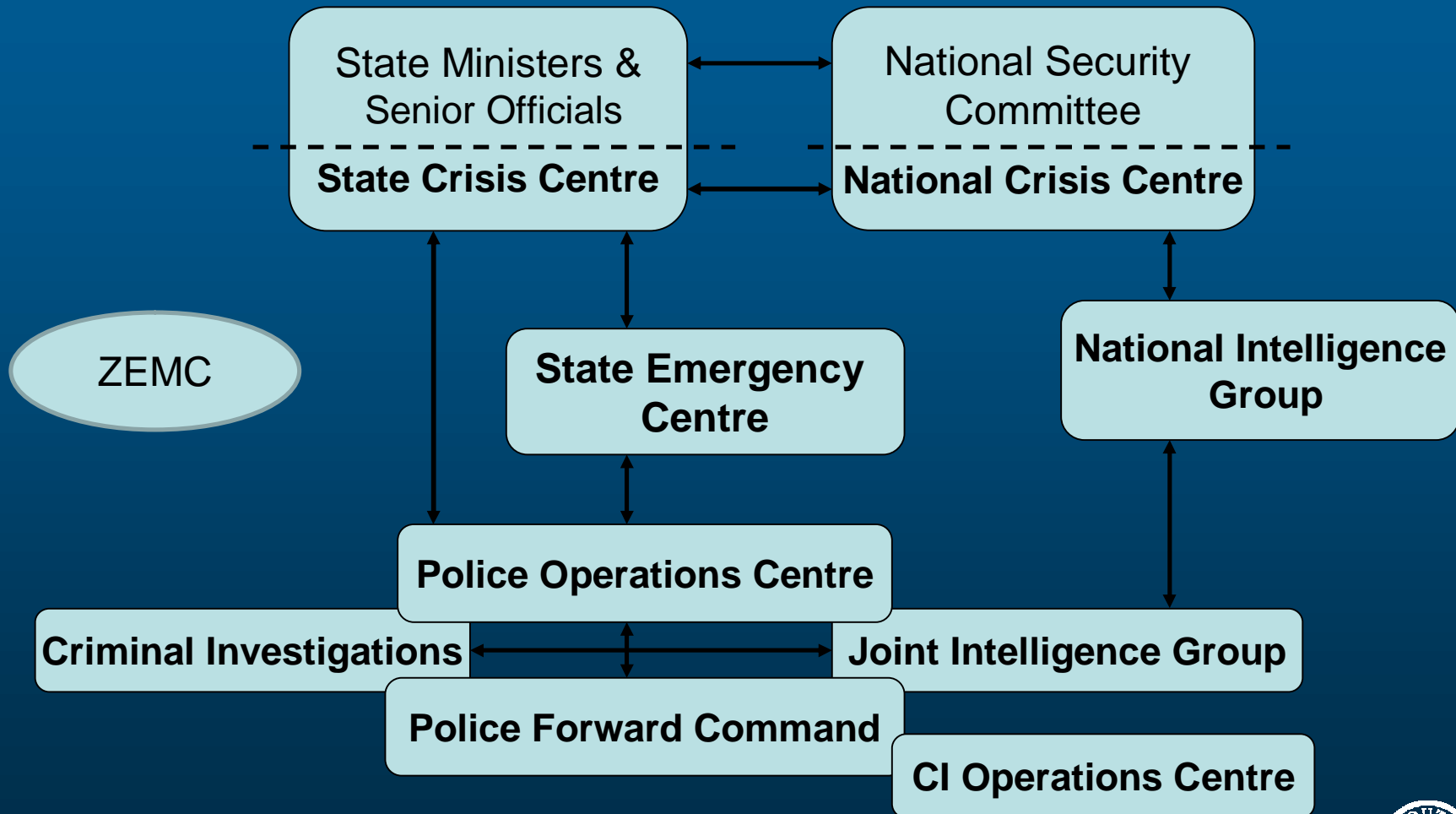
131 444 versus 000
Comms / Call Centre / Station
Leaving call “off the hook”
Priorities



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PPRR Framework

Prevention
Preparedness
Response
Recovery



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HAZARD LEADERS

Hazard	Hazard Leader
Animal and Plant Disease	Primary Industries and Resources South Australia
Earthquake	Dept for Transport, Energy and Infrastructure
Escape of Hazardous Materials	Safe Work SA – Dept of the Premier and Cabinet
Extreme Weather	SA State Emergency Service
Flood	Dept for Water
Human Disease	Dept of Health
Riverbank Collapse	Dept for Water
Rural Fire	SA Country Fire Service
Terrorism	SA Police
Urban Fire	SA Metropolitan Fire Service



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CONTROL AGENCIES

Type of Emergency Incident	Control Agency
Aircraft accident*#	SA Police (SAPOL)
Animal, plant & marine disease	Primary Industries and Resources South Australia
Bomb threat	SAPOL
Earthquake*#	SAPOL
Fire (Rural and Metro)	SA Country Fire Service (SACFS) or S.A. Metropolitan Fire Service (SAMFS)
Flood	SA State Emergency Service
Food/drinking water contamination	Dept of Health
Information and communication technology (ICT) failure	Department for Transport, Energy and Infrastructure (DTEI)
Fuel, gas and electricity shortages	DTEI
Hazardous or dangerous materials emergencies	SACFS or SAMFS
Siege/Hostage	SAPOL
Human epidemic	Dept of Health
Marine transport accidents*#	SAPOL
Oil spills – marine & inland waters	DTEI
Rail accident*#	SAPOL
Riverbank collapse	SAPOL
Road / transport accident*#	SAPOL
Search and rescue – land and sea	SAPOL
Search and rescue – structure (USAR)	SAMFS or SASES
Extreme weather	SASES
Terrorist incident	SAPOL

***** *Where an incident involves fire or the release of a hazardous material or an imminent threat of such nature, the control agency will be the SAMFS or SACFS for that part of the incident.*

*Where an incident involves entrapment, the control agency will be the SAMFS, SACFS or SASES for that part of the incident.*



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RESILIENCE



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Benefits

- Return to normal faster
- Mitigate the affect on staff / students / patients
- Enhance reputation
- Non-Government Schools Registration
- Self Insurance audits
- Confidence in seeing an incident through safely



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How?

- Management promote resilience
- Integrate plans into common purposes
- Develop some performance indicators
- Foster partnerships
- Communicate – internal and external
- Be strategic
- Assess risks
- Be responsive, flexible and timely



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Bomb Threat

Earthquake

Fire – Bushfire

Fire - Building

Flood

Hazardous material

Siege / hostage

Violent Incident

Road accident

Extreme weather

Mail procedures

Building structure collapse

Dangerous Animal

Aircraft accident

Animal, plant & marine disease

Food / water contamination

IT failure

Fuel, gas, electricity shortages

Human epidemic

Rail accident

Riverbank collapse

Terrorist Incident

Death

Suspicious Parcel

Landslide

Vermin plague



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Bomb Threat

- Police
- Use the Bomb Threat checklist
- Keep the phone line open
- Consider evacuation
- White level search – daily and on exiting during evacuation
- HOT or not?



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Earthquake

- Police
- Shelter under desks
- Check for injuries when stopped
- Where possible, turn off utilities
- Evacuate



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Earthquake



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Fire

- use of plant / equipment that are unlawful on Total Fire Ban Days (angle grinders and the like).
- use of plant / equipment that are not unlawful but create a risk of ignition on Total Fire Ban Days.
- awareness of what Fire Ban District you are in
- monitoring of Fire Danger Ratings and ratings to be considered by Management re work practices.
- safety at the workplace in the extreme heat - or if at risk of bushfire.
- what procedure is to be followed in the case of a bushfire?
(beyond a 'normal' fire evacuation - to consider multiple, safe evacuation routes; what needs to be removed from the site; how the site can operate if evacuated; recovery post-bushfire)



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Fire contd

- promoting the reporting of strange behaviour and the recording of registration numbers for vehicles that are in strange locations
to assist emergency services in preventing fires
- promoting fire safety to staff
- promoting awareness of wind direction at sites (provide a windsock)
- promoting awareness of Bushfire Safer Settlements / Bushfire Safer precincts / Last Resort Refuges in the vicinity
- provision of a battery-operated radio to monitor 5AA, ABC Radio or suitable local station for updates
- sufficient contingencies and supplies to operate in the event that power supply is cut.
- sufficient and suitable first aid supplies



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Flood

- SES
- Monitor SA Water / BOM / radio
- Ensure parents / NOK aware of plan if a predicted flood
- MOU with transport?
- employees may wish to leave work to protect their own home.
- Evacuation point on high ground?



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HR issues

- employees who may wish to leave work to protect their own home.
- Employees that wish to stay home as their children's school is closed.



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Hazardous Material

- MFS / CFS
- May be a known source but may be unexpected.
- Build liaison with local industry
- Know what direction is upwind
- Multiple evacuation sites



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Siege / Hostage

- Police
- Safety is paramount
- Who is involved? Name if possible
- Weapons?
- Have a predetermined meeting point (RV) for police – and a secondary
- Have layout of the premises available
- Enact plan incl communication with parents / NOK



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Accident

Road / Rail / Aircraft

- Police - with assistance
- First party / third party
- Need to consider the loss of the area for safety / investigation purposes
- Counselling for observers?
- Off site incident involving staff / students / patients



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Extreme Weather

- Consideration for early release ?
- Consideration for what needs to be brought in or taken down?
- Any change in practice that would make the day / pick up safer?



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Loss of utilities

- Know who to call for each
- Generators for essential systems?
- Contingency for alternate supply?



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Evacuation

- SAPOL can assist with advice
- Decision is with the occupier
- May be able to assist with actual evacuation
- Proved to be easier when drilled
- Secondary evacuation point



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Plans

- Interactive – up /down/sideways
- Useful – list numbers / names
- be mindful of change – increased numbers?
- Change in staff skill set?
- Change of MOU owners ?
- New buildings?



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Definitions

- Emergency
- Disaster



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- Drills
- Contracts
- Local knowledge
- Use of technology
- Awareness
- Liaison
- RESILIENCE



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1.4.1 Emergency Response

Coordinator (Chief Warden) (ERC)

Responsibilities

- ☐ - Action required. ✓ when task is completed.
☐ - No action required for this event.

	Bomb Threat - 2.1	Civil Disorder - 2.2	Confinement - 2.3	Entrapment - 2.4	Release to Air - 2.5.1	Spill / Hazard - 2.5.2	Biohazard - 2.5.3	Radioactive - 2.5.4	Fire / Explosion - 2.6	Fall Protection / Rescue - 2.7	Kidnap - 2.8	Medical Emergency - 2.9	Contagious Disease - 2.9.1	Electrical Loss - 2.10.1	Gas Leak - 2.10.2	Potable Water Contam. - 2.10.3	Steam Leak - 2.10.4	Water / Sewer Line - 2.10.5	Severe Weather Conditions - 2.11.1	Workplace Violence - 2.12	Transportation - 2.13	Earthquake - 2.14	Flood - 2.15
Activate the ERC, if appropriate, and coordinate all emergency functions.																							
Activate the Emergency Operations Center (EOC), if required.																							
If ERC activated, assign scribe duties. Establish a means to ensure maintenance of a written record of all events that occur during the emergency, including actions taken, decisions made and by whom, personnel involved, cost incurred, times, dates, etc.																							
Keep informed of the situation.																							
Keep Emergency Information Coordinator informed and ERC as appropriate.																							
Coordinate the initial and supplemental emergency reports from the scene.																							
Based on initial emergency damage reports, determine appropriate actions to be taken.																							
Utilize appropriate supplemental check lists for ERC.																							
Notify facility Security Chief/Coordinator if call/threat received by employee or supervisor.																							
Direct security to notify the local police department.																							
Ensure notification of appropriate local government/municipal authorities of the emergency situation and request assistance where needed.																							
Use available resources to support and assist complex personnel, internal and external responders as required.																							
Coordinate actions of facility personnel with internal and external responders.																							
Coordinate with the Emergency Maintenance Coordinator / Facility Area Manager (FAM) to effect the shut down of utilities and systems that might present a hazard if an explosion were to occur.																							
As conditions permit, coordinate utility start-up procedures with the FAM, Emergency Utilities Coordinator, Emergency Maintenance Coordinator, and utility companies.																							
Order an evacuation for the facility - may be full or partial.																							
Direct the activation of the facility emergency alarms.																							
Determine what responsibility is for people evacuated out or remaining in the building. Initiate necessary internal and external resources.																							
After clearance is given, recall evacuated personnel.																							
Clearance may be given by the police department and/or by site security.																							
Provide for the needs of people displaced during an emergency.																							



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Training Programs

TRAINING PROGRAMME - 2011

The Training Programme - 2011 for sessions relating to OHS is now available.

The Programme is not complete at this stage, however, the dates and times are fixed where shown and the Programme will be updated on a regular basis until complete.

Should you wish to book an employee into a particular session please do so by contacting:

Evelyn Grantham

Telephone: 08 8210 9342

email: egrantham@cshwsa.org.au

Please feel free to contact our office with any queries or contact your OHS Consultant direct.

[UPDATED TRAINING PROGRAMME APR 11 - \(171.8kB\)](#)

Disaster Planning

Presentations as delivered on June 2 2011

[SAPOL - Introduction to State Emergency Plan.pdf - \(177.2kB\)](#)

[DECS - Bushfire Preparation.pdf - \(181.4kB\)](#)

[SA Health - Emergency Management & Disaster Planning.pdf - \(1MB\)](#)

[MFS Presentation.pdf - \(2.5MB\)](#)

[CFR - Bushfire Safety in the Workplace.pdf - \(3.2MB\)](#)

[OTEL-Transport Emergency Preparedness.pdf - \(452.9kB\)](#)

[SAPOL - Approaches to Hazards.pdf - \(256.9kB\)](#)



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DECS

Resources

- www.crisis.sa.edu.au
 - Parent Bushfire Information Brochure
([High Risk Sites](#)) ([Low Risk Sites](#))
 - Parent information. A-Z listing of high risk school sites. <http://www.crisis.sa.edu.au/> >
 - [Bushfire Principles](#)
 - [Bus Procedures](#)
- CFS [Travel through Bushfire Prone Areas](#)
- CFS [Working in a Bushfire Prone Areas](#)



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QUESTIONS?



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