

Drink my coffee or go to the toilet?

Preparing for a Disaster the Nursing Way

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OVERVIEW

Disasters in Australia

Why do people live there?

Disaster Experience

Stay away

Disaster Mitigation

Make it go away?

Disaster preparedness

Doing the hard yards

Disaster response

It's here!

Disaster recovery

Time to breath

Disaster Overviews

Facts and figures



IN AUSTRALIA
That's the plan for every emergency

DISASTERS

REMEMBER THE KISS PRINCIPLE.

DISASTERS ARE ABOUT
LOGISTICS: GETTING THE RIGHT
RESOURCES TO THE RIGHT
PLACE AT THE RIGHT TIME



DISASTERS IN AUSTRALIA

Australia

Newcastle Earthquake (28/12/1989) 13 dead, 160 injured

Thredbo landslide (30/07/1997) 18 dead

Bushfires (Every year)

Heat wave (25/01/2009 – 09/02/2009) 374 dead

Black Saturday 50,000 km² (Austria 84,000) (07/02/2009) 173 dead,
414 injured

Lindt Café (15/12/2014) 3 dead



PERSONAL EXPERIENCE

**Riyadh Bombings, Kingdom of Saudi Arabia. (12/05/2003)
39 dead, 160 injured**

**London Bombings, United Kingdom. (07/07/2005) 52 dead,
700 injured**

**Dubai Fortune Towers, Skyscraper fire. (18/01/2007) 4
dead, 57 injured**

**Dubai Marina Bridge Collapse. (09/11/2007) 7 dead, 15
injured**

Orange Explosion, Australia. (2013) 1 dead

Molong Chemical Cloud, Australia. (2014) 7 injured

MITIGATION (HOW TO STOP BAD THINGS FROM HAPPENING)

1. Don't live near me

2. Plan

What could happen

What is the likelihood of it happening

How bad would it be if it happened

What can you do to stop it

What can you do to prepare for it occurring

How expensive is it to be prepared vs what could you lose



PREPARATION (TRAIN HARD, PLAY EASY)

Drills – As often as needed, create a culture of readiness but not fatigue

Courses – Spread the knowledge, everyone talking in the same terms.

Knowledge - what do you have at your work, in your city / state / country

Legislation – What can be done



PREPARATION COURSES

AUSMAT (Australian Medical Assistance Team)

CBRN (Chemical Biological Radiological Nuclear)

Decon (Decontamination Training)

Emergotrain (Disaster Simulation training tool)

HazIMMS (Hazardous Material Incident Medical Management Support)

HIMMS (Hospital Incident Medical Management Support)

MIMMS (Major Incident Medical Management Support) Team Member and Team Leader courses

RESPONSE (TIME TO PUT IT TO USE)

Create the culture of response, people will do what they know

Beware of your surroundings – Do not add to the people who need saving

Getting the right people, with the right resources, to the right place, at the right time. Easy?

Give people work that they know how to do, times of stress are not optimal for learning a new skill

Be careful of volunteers, they might mean well but can you look after them as well. Also be vigilant of the media.



RECOVERY (BREATH, THINK AND LEARN)

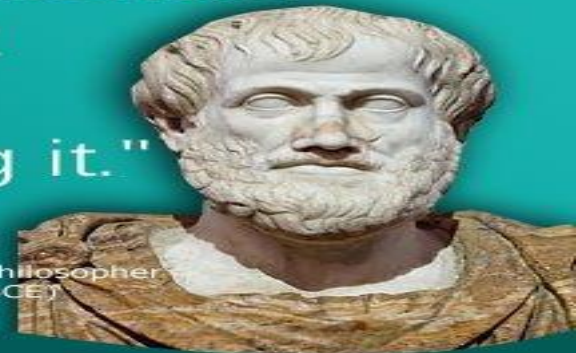
This is the time to take note.

Don't make people relive the events but let them learn.

Time to plan for the next time.

"It is the mark of an educated mind to be able to entertain a thought without accepting it."

Aristotle, Greek philosopher
(384-322 BCE)



WHO ELSE WANTS TO PLAY?

First responders: Fire, Police and Ambulance

Need a common language and common knowledge through training together

Beware volunteers are they a gift or another issues to deal with.



LOCAL

Mid North Coast Local Health District (1 of 15)

Covers 11,335 km² (Quarter the size of the Netherlands)

211,000 people (18.6 people per km²)

Vienna (4326 people per km²)

How do you help a population spread that wide?

**Hazards: Floods, Fire, Earthquake, Maritime, Sharks,
Terrorism**

STATE

New South Wales

Size: 809,444 Km² (France plus Netherlands plus Austria)

Population: 7.5 Million (Finland 5.4 Million)

**Hazards: Fire, Flood, Earthquake, Tsunami, Nuclear,
Terrorism**

FEDERAL: AUSTRALIA

Australia

7.692 Million Km² (20 times the size of Germany)

Population 23.13 Million
(Germany 80.6 Million)

Population Density 2.9 people per Km²

Hazards: Fire, Flood, Earthquake,
Tsunami, Nuclear, Terrorism,
Getting Lost

Climate Analogues of AUSTRALIA (Mainland)



NOTE:

1. Each region of Australia is climatically equivalent to the regions of the World whose names are overprinted on it, in the above map.
2. The comparison is done by matching Average Monthly Temperatures (high & low) as well as Köppen Classifications. However, the Precipitation levels may differ.

Climate Analogues of Tasmania



FEDERAL EXTERNAL

Military: Australian Armed Forces

**Governmental: Australian Medical Assistance Team
(AUSMAT)**

Non Governmental: Red Cross



SYSTEMS

UAE : Police and Military led

UK: MIMMS based, Gold / Silver / Bronze

Australia: Each state is different

New South Wales: Combat Agency Based with Functional Areas



QUESTIONS?

