

Regional Innovations and Actions Australia

Global Heat Health Information Network

Inaugural meeting 2018



GLOBAL **HEAT** HEALTH
INFORMATION NETWORK

Dr Leigh Wilson
University of Sydney

Australian State Structure

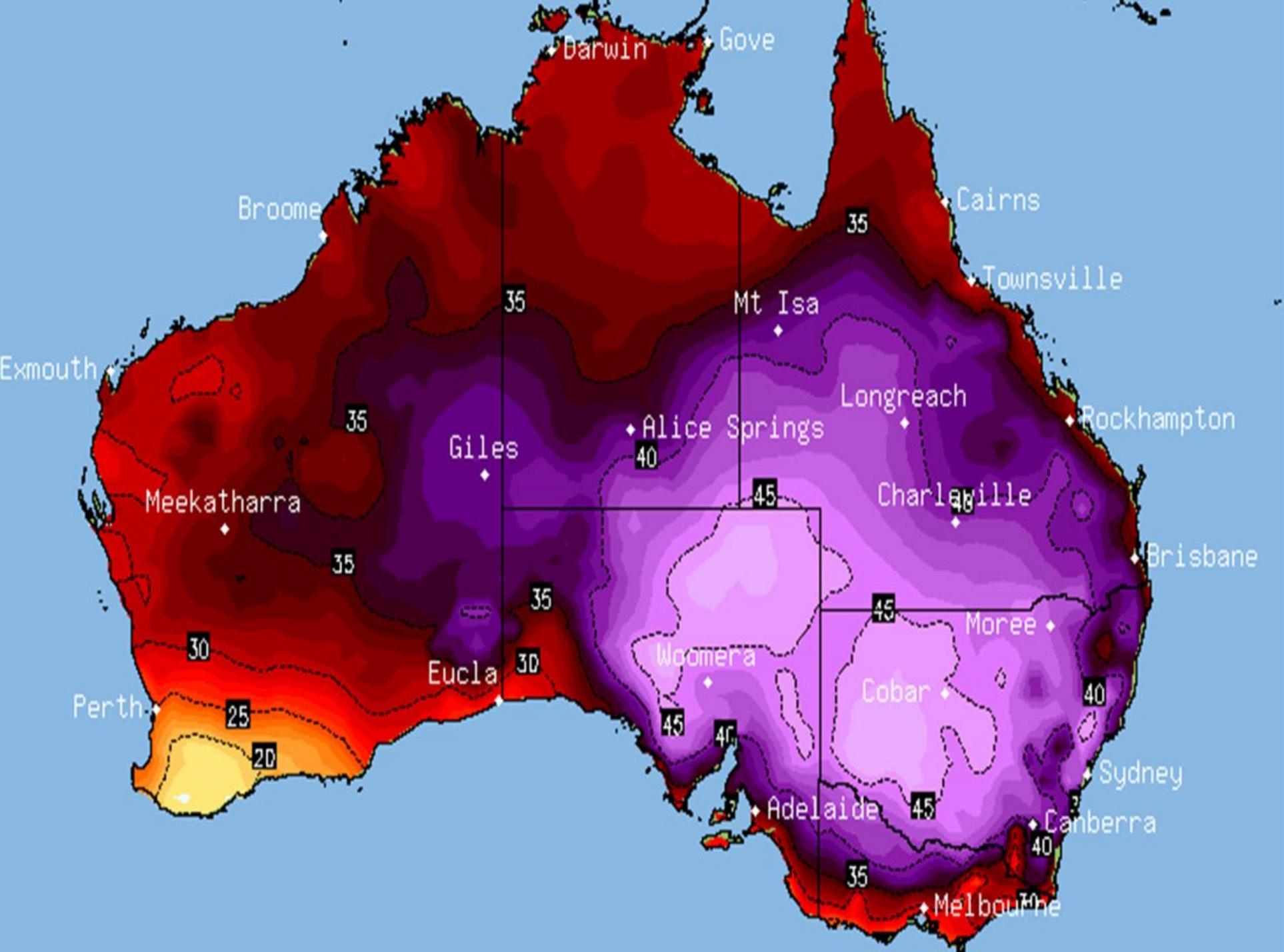
1. Australia has six States and two Territories
2. State and Territory governments differ in political persuasion and response to climate effects.
3. There is one Federal Government overseeing the State and Territory decision making and strategy implementation and funding accordingly.

 Christmas Island

 Cocos (Keeling) Islands



Territories not to scale



The impact of heat in Australia

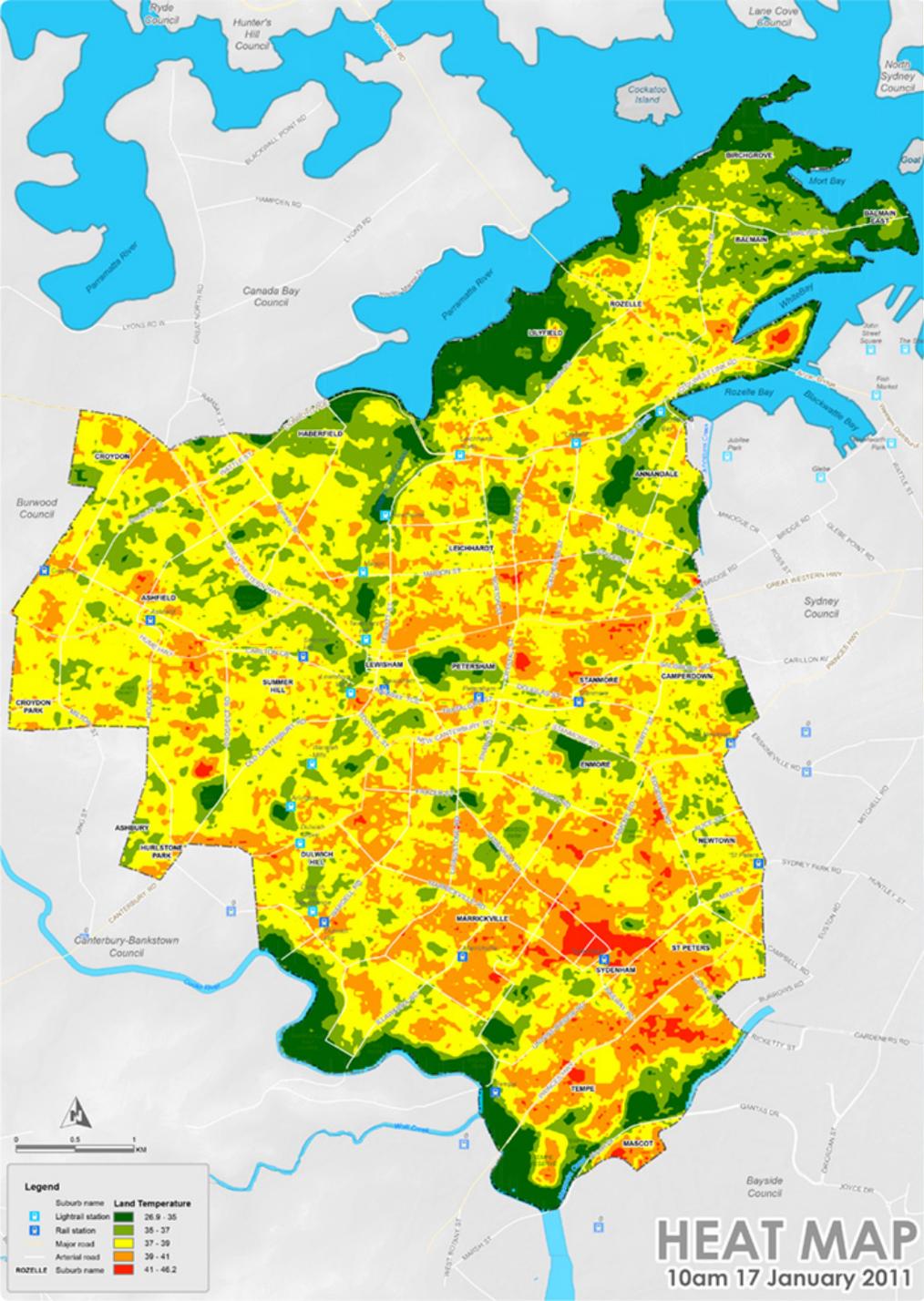
To farmers and graziers the continued heat is proving very serious, the feed being withered up, tanks dry, and horses, sheep, and cattle dying by hundreds, and many settlers' homes have been destroyed by the bush fires.

Never in the history of Australia has such a continuance of fierce heat been known.

Innovation and Actions

New South Wales:

- Office of Environment and Heritage (OEH)
Heatwave mapping in collaboration with local government council areas.
- Increased focus on Heatwave Health Plans in Aged Care Facilities as a result of the HeatReady Research Study in 2013 – 2015.



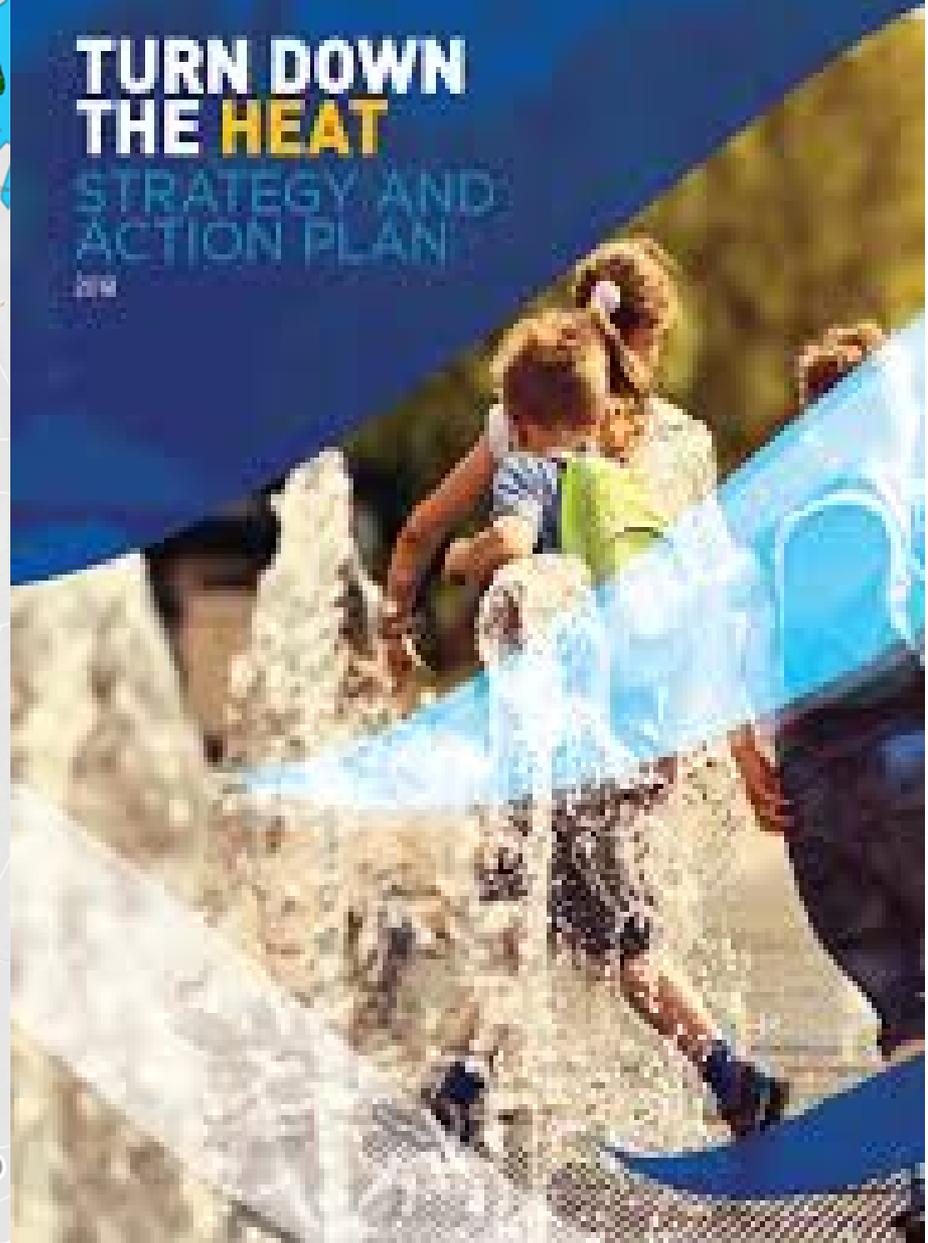
WSROC



TURN DOWN THE HEAT

STRATEGY AND ACTION PLAN

2011



Innovation and Actions

New South Wales:

- Research into impacts of high-rise development on health during extreme heat (USyd) and also USyd and CUHK Collaboration.



Innovation and Actions

South Australia:

- Local government in South Australia are running a series of forums titled "Hot, Hot Hot" – with a panel of experts reporting and answering community queries on how they will respond to increasing frequency and intensity of heatwaves.
- Research into extreme events continues through University of Adelaide and SA Department of Health



THE UNIVERSITY
of ADELAIDE



SA Health

Innovation and Actions

Queensland:

- Queensland Fire and Emergency Service (QFES) has adopted the Environmental Heat Factor (EHF) (Nairn) as a quantitative ingredient in their National Emergency Risk Assessment Guidelines (NERAG) process.
- Developed Heatwave Response Plan (Annexure of the Emergency Response Plan (2015))

Innovation and Actions

Victoria:

- Developed the Residential Aged Care Service Heatwave Ready Resource and Heatwave checklist for residential aged care services.

Residential aged care services
heatwave ready resource



Innovation and Actions

Western Australia:

In 2018 released the State Hazard Plan for Heatwave

The image shows the cover of the 'State Hazard Plan Heatwave' document. The cover is blue and white. At the top left is the Government of Western Australia logo and the text 'Government of Western Australia State Emergency Management Committee'. The main title is 'STATE HAZARD PLAN Heatwave'. A note at the bottom left states: 'Note: This document contains information relating to the arrangements for managing emergencies resulting from the hazard of heatwave. It must be read in conjunction with the State Emergency Management Plan, which contains the generic emergency management arrangements.' On the right side, there is a vertical list of components: Legislation, Policy, PLAN (highlighted in a larger blue box), Procedure, Guidelines, and Glossary. At the bottom, it lists the Responsible Officer as the Department of Health (Disaster Preparedness and Management Unit) and the State Emergency Management Committee as the Approving body.

Government of Western Australia
State Emergency Management Committee

STATE HAZARD PLAN

Heatwave

Note: This document contains information relating to the arrangements for managing emergencies resulting from the hazard of heatwave. It must be read in conjunction with the State Emergency Management Plan, which contains the generic emergency management arrangements.

- Legislation
- Policy
- PLAN**
- Procedure
- Guidelines
- Glossary

Responsible Officer: Department of Health (Disaster Preparedness and Management Unit)
Approved by: State Emergency Management Committee

Innovation and Actions

Federally:

- The Hazards Services Forum under the Australia and New Zealand Emergency Management Committee (ANZEMC) has agreed to head up an investigation into a national heatwave warning system.
- NHMRC Grant to develop an evidence-based extreme heat policy for child & youth in Australia (A/Prof Ollie Jay)