

Economics, Policy and Planning RAF Canberra 2019

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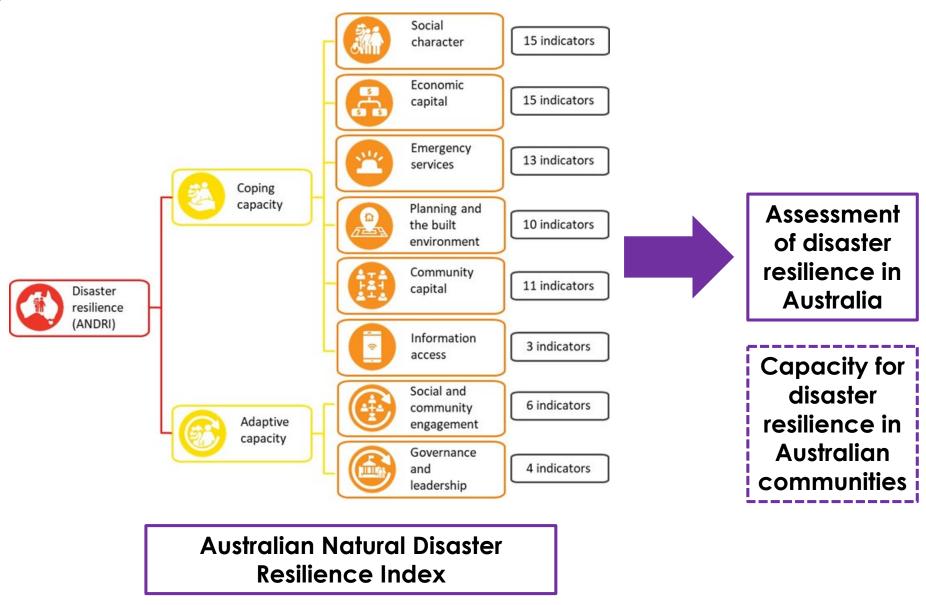


Business Cooperative Research Centres Programme















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THE AUSTRALIAN NATURAL DISASTER RESILIENCE INDEX VOLUME I – STATE OF DISASTER RESILIENCE REPORT

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Today's talk:

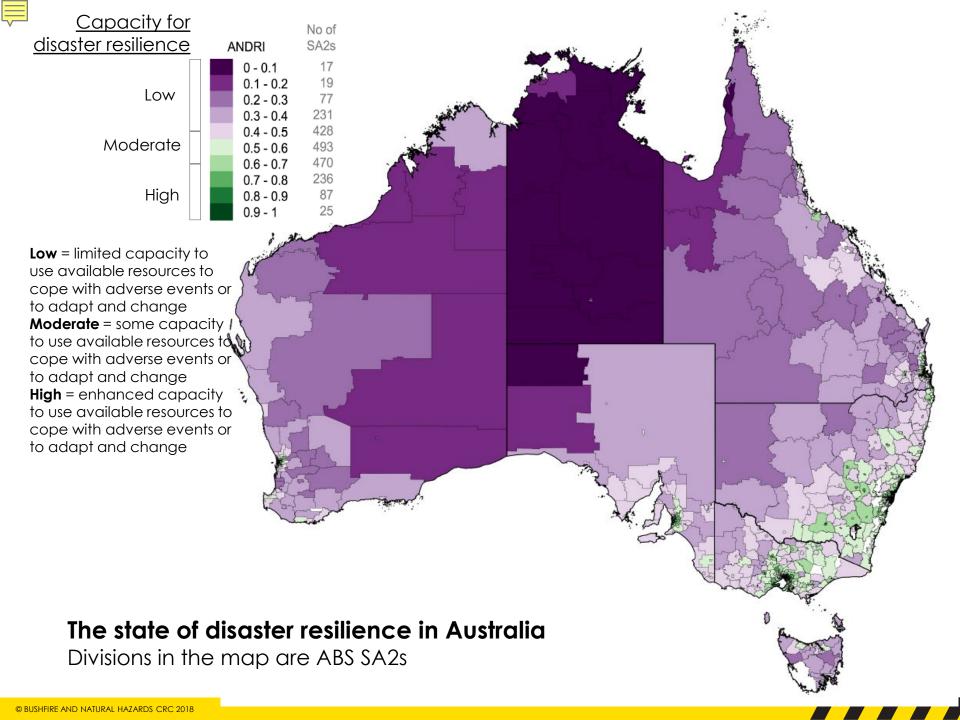
- The State of Disaster Resilience Report findings
- 2. Utilization activities and opportunities

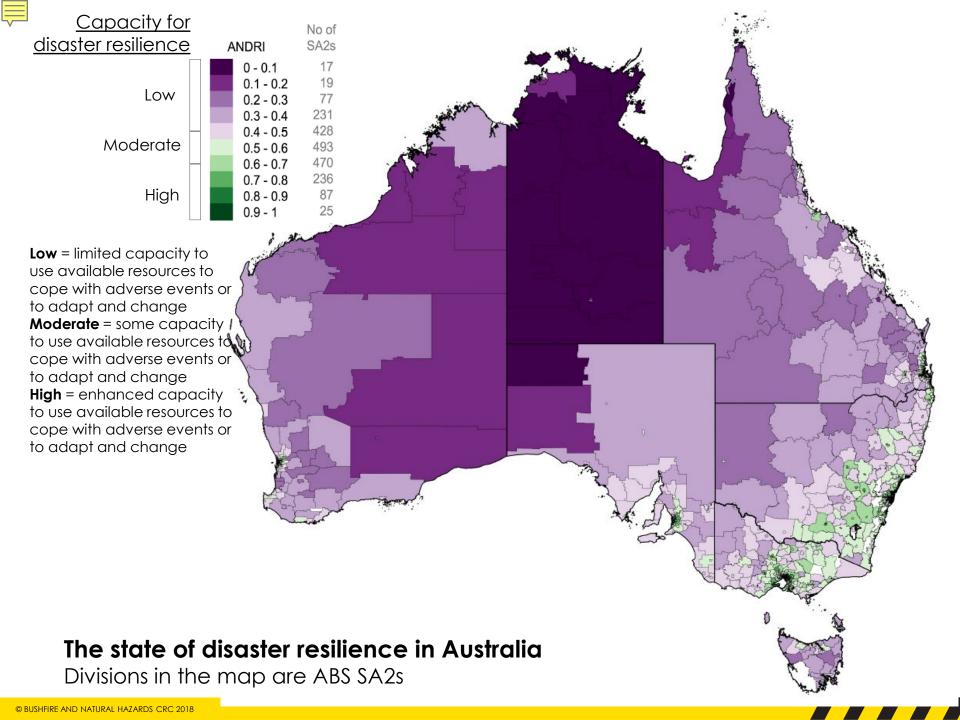


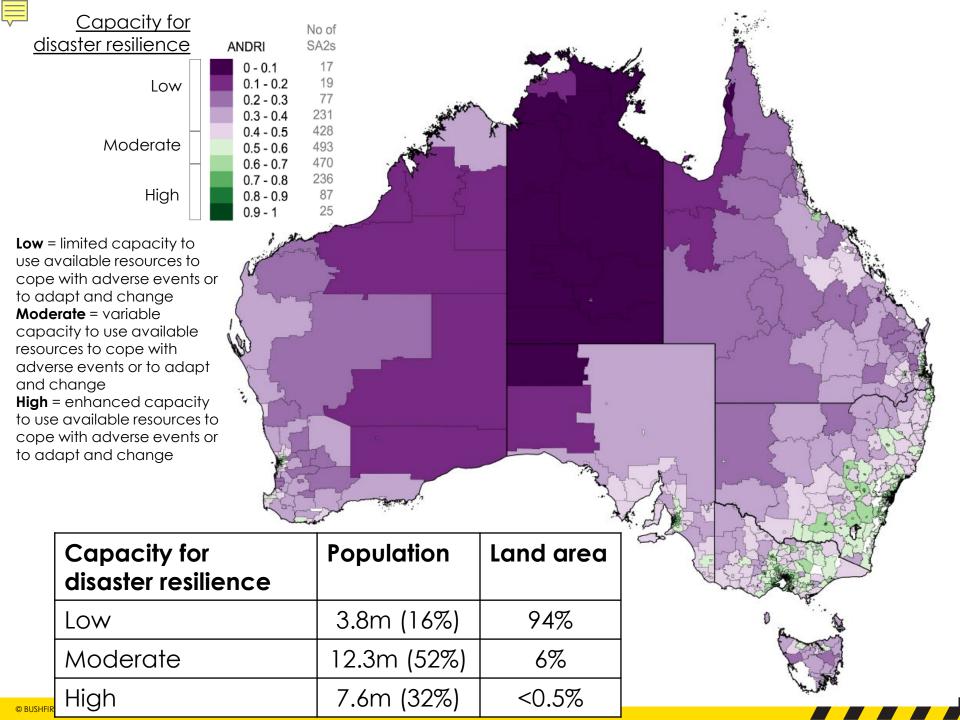


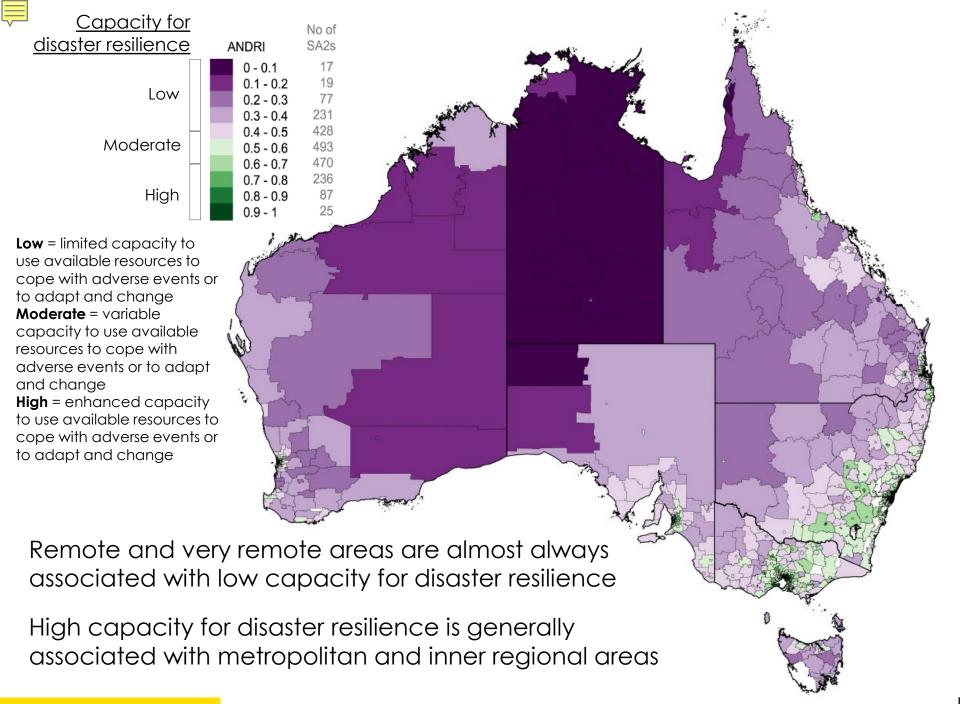


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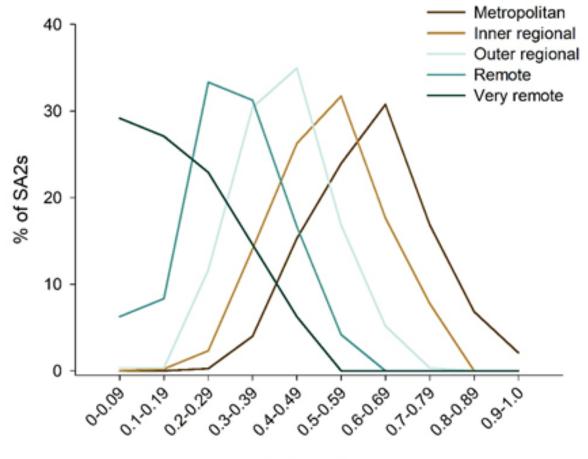








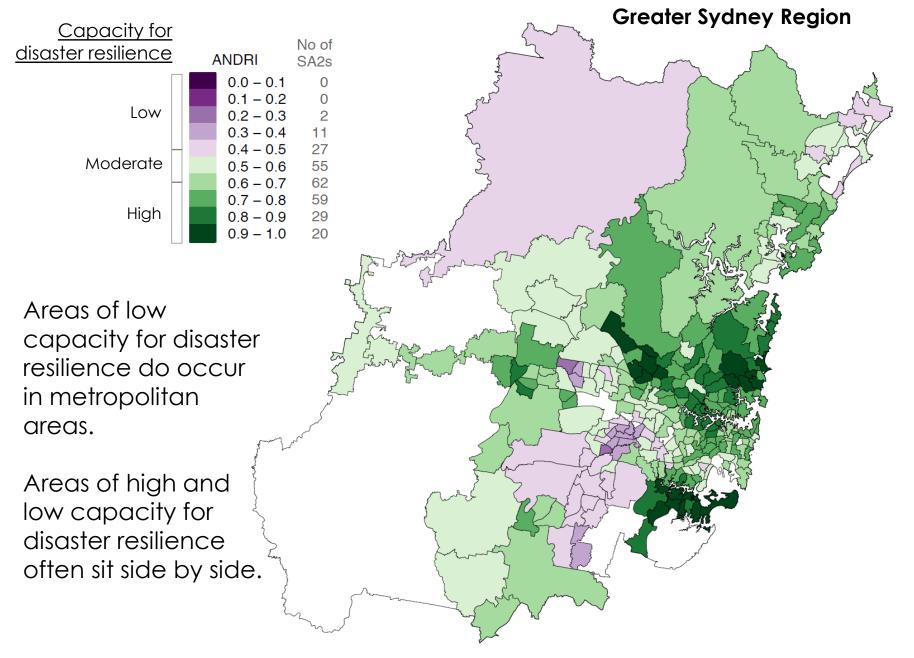
Relationship between index values and remoteness



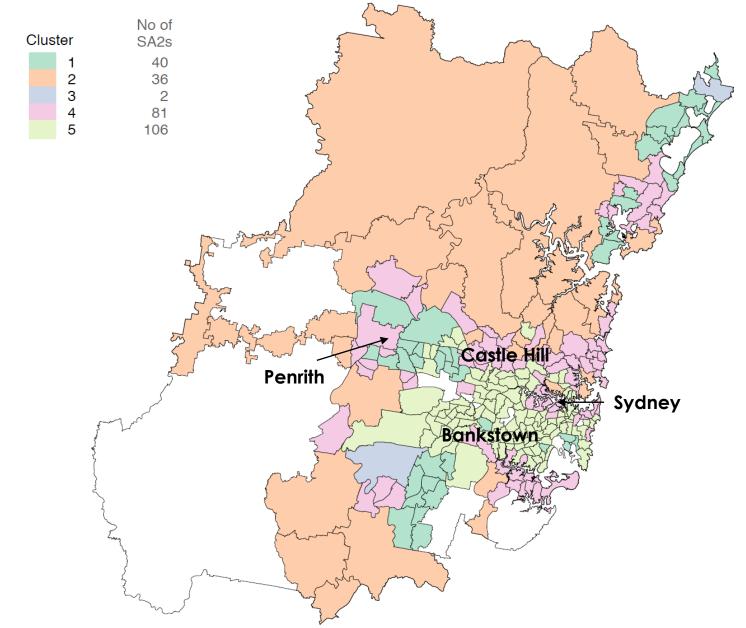
Index values







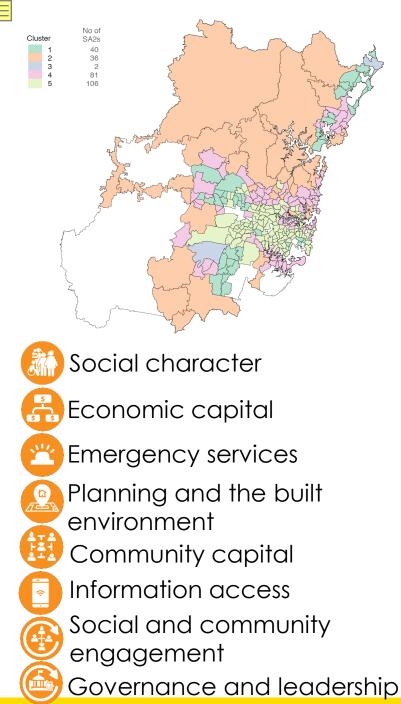




Greater Sydney Region



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Disaster resilience **Disaster resilience** strengths barriers High Low Moderate Low High ÷ Moderate Low High Moderate

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Disaster resilience as a system of communities, service and governance capacities Disaster resilience as a series of activities undertaken by individuals and households

-Policy development -Strategic planning -Decision support

-All hazards

-Longer term outcomes -Joined up government

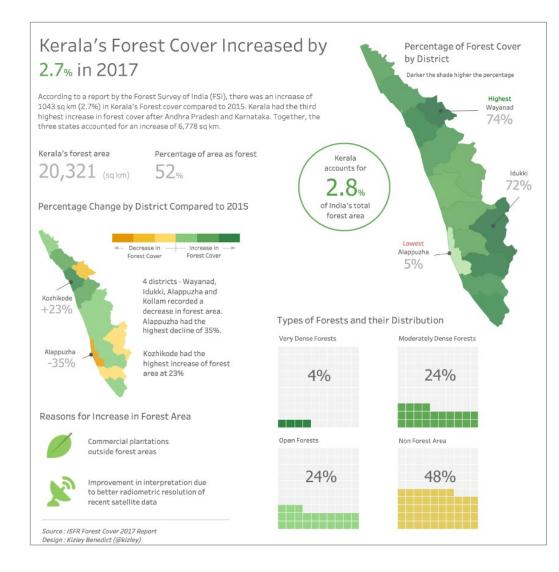


- -Community engagement -Behaviour change -Safety -Risk awareness
- -At-risk groups
- -Individual hazard types
- -Shorter term outcomes -Individual agencies





ANDRI Dashboard



Provide end-users with access to the index through a webbased platform.

Phase I – June to August

Consultation with end users to design the dashboard elements and outputs

Phase II - August to October

Software development





<u>ANDRI – Risk map overlays</u>

Geoscience Australia

Overlaying different aspects of the index data with risk maps

 Severe wind assessment for Western Australia
Earthquake Impact and Risk Assessment for Perth and Supporting Infrastructure (EIRAPSI)

Aim – matrix of social resilience and physical exposure



ANDRI – Dimensions of disaster resilience



WA DFES

Incorporated these dimensions into the program logic for the Community Preparedness Directorate Monitoring and Evaluation Framework

EMV

Incorporated these dimensions into the design of the Victorian Resilience Indicators dashboard

Index data will also become part of the Victorian Resilience Indicators dashboard

