

THE AUSTRALIAN NATURAL DISASTER RESILIENCE INDEX

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Business Cooperative Research Centres Programme

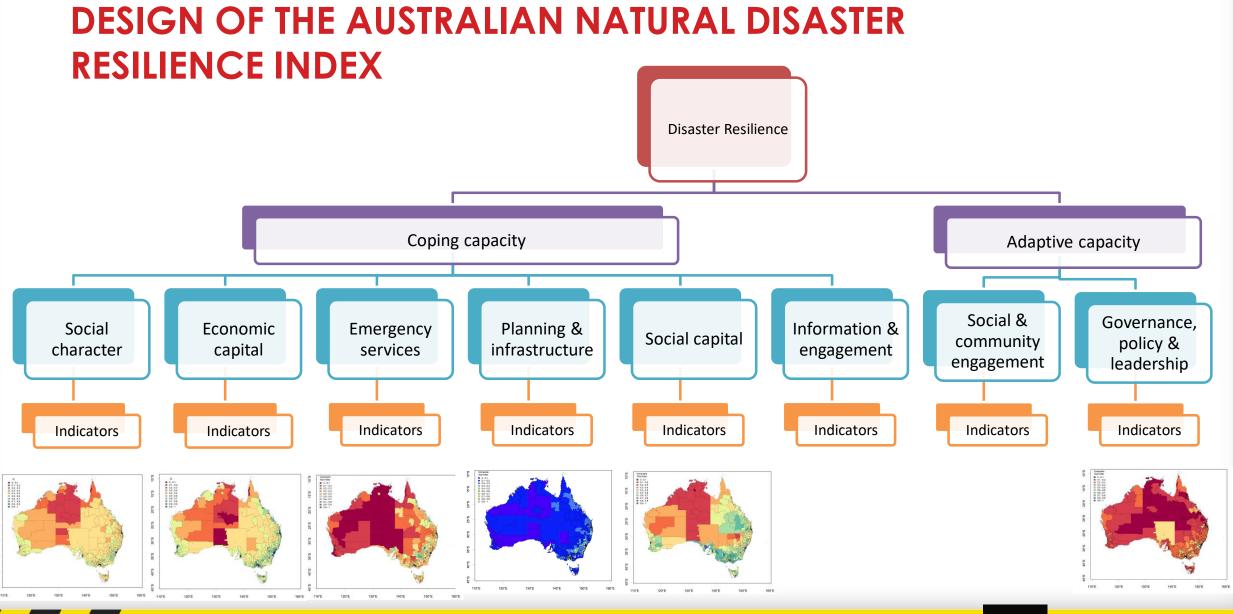


DESIGN OF THE INDEX - CAPACITIES



The means by which people or organizations use available resources and abilities to face adverse consequences that could lead to a disaster (UNISDR 2004) The arrangements and processes that enable adjustment through learning, adaptation and transformation

Factors influencing the ability to prepare for, absorb and recover from a natural hazard event The facilitation of adaptation by governance, institutional, management and social arrangements and processes.

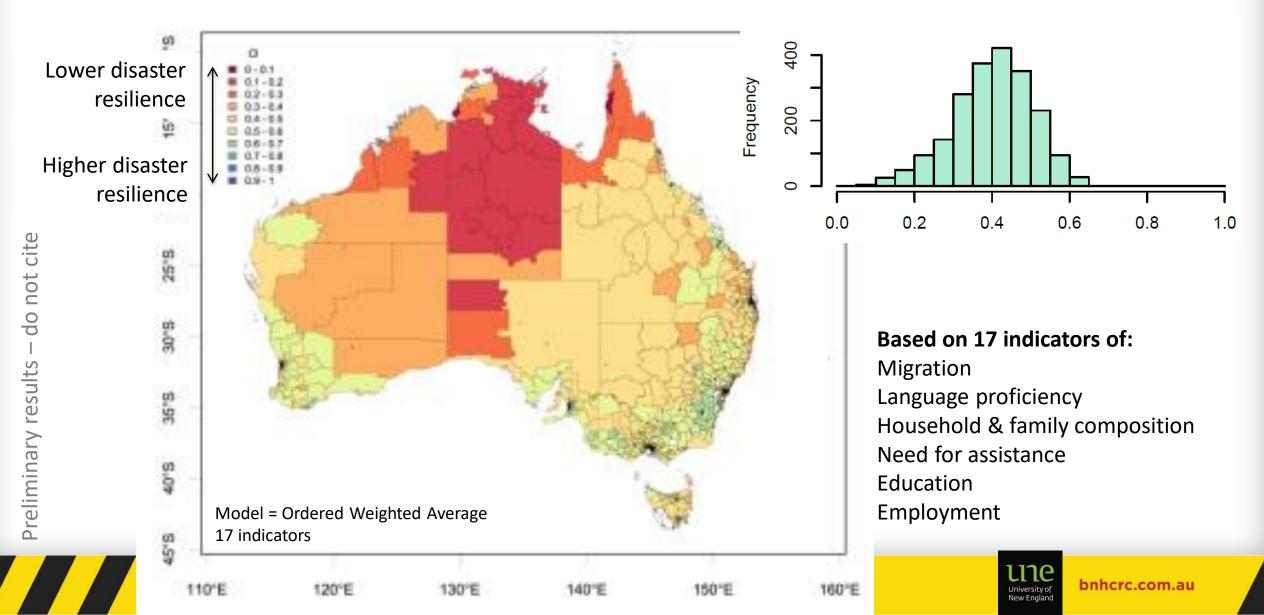




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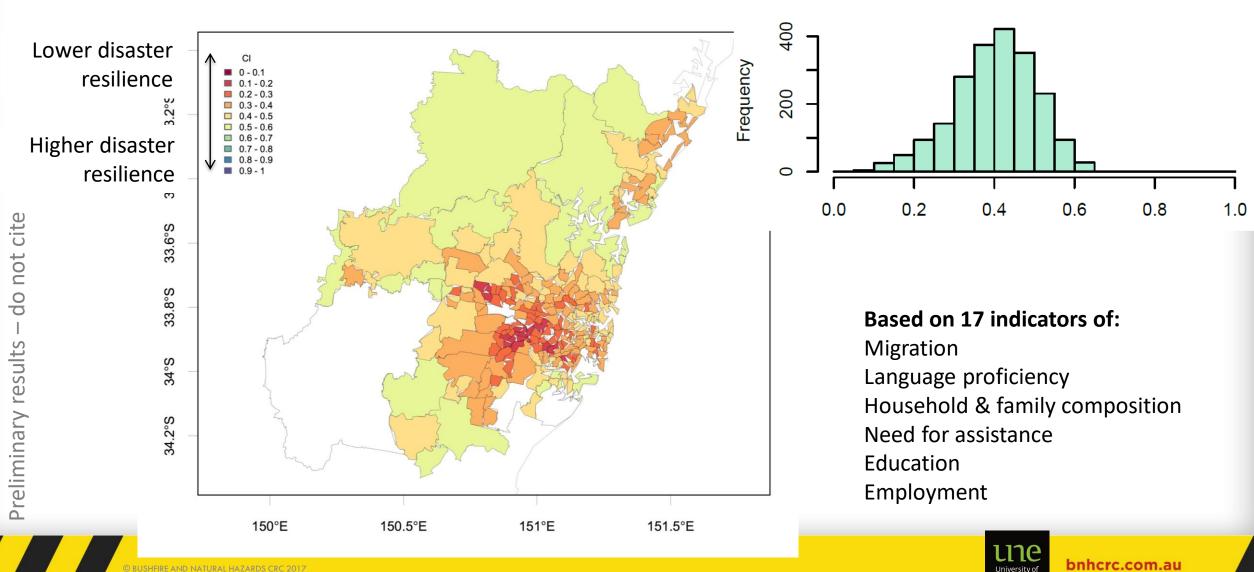
INDEX – SOCIAL CHARACTER THEME

The social factors that influence the capacity to prepare for and recover from a natural hazard event



INDEX – SOCIAL CHARACTER THEME

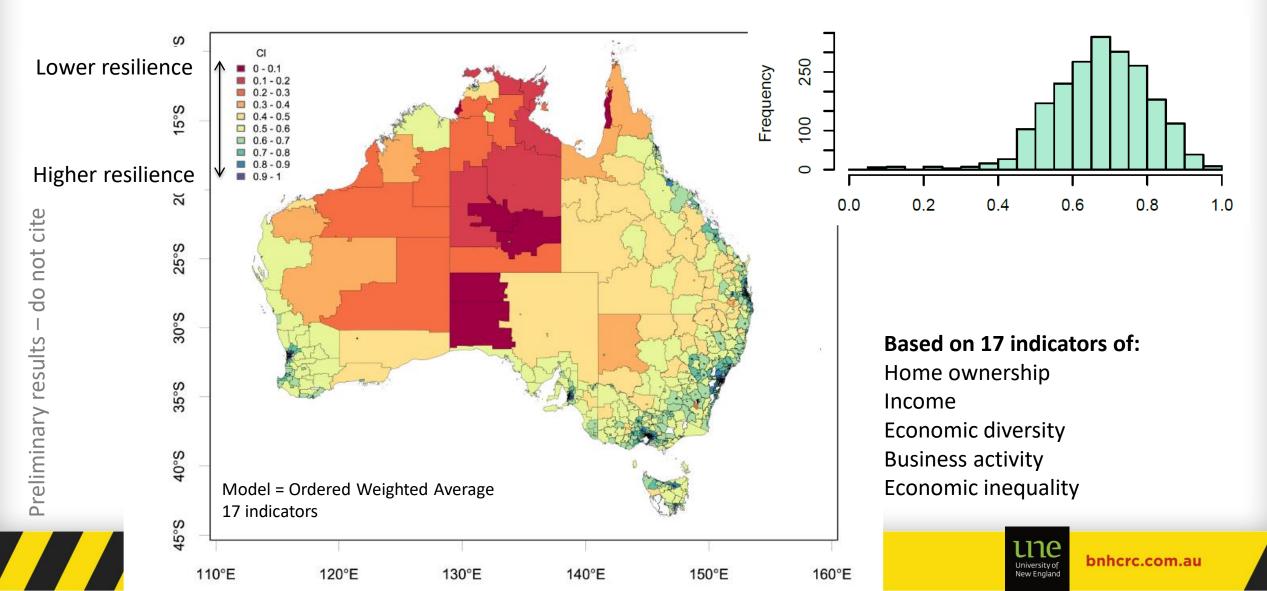
The social factors that influence the capacity to prepare for and recover from a natural hazard event



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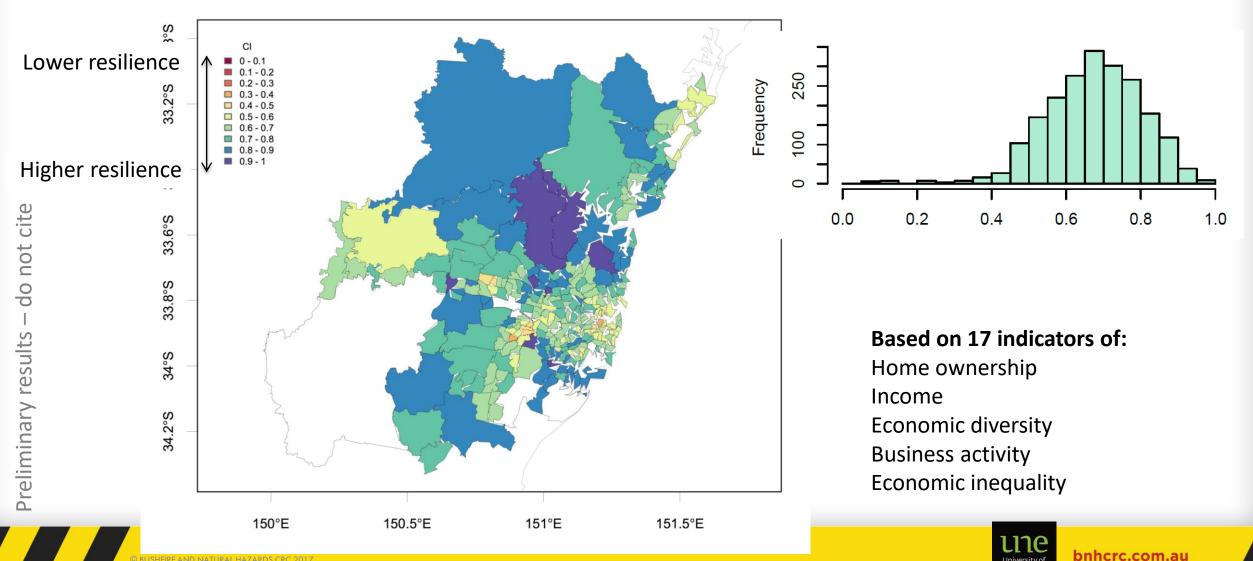
INDEX – ECONOMIC CAPITAL THEME

The economic factors that influence the capacity to prepare for and recover from a natural hazard event



INDEX – ECONOMIC CAPITAL THEME

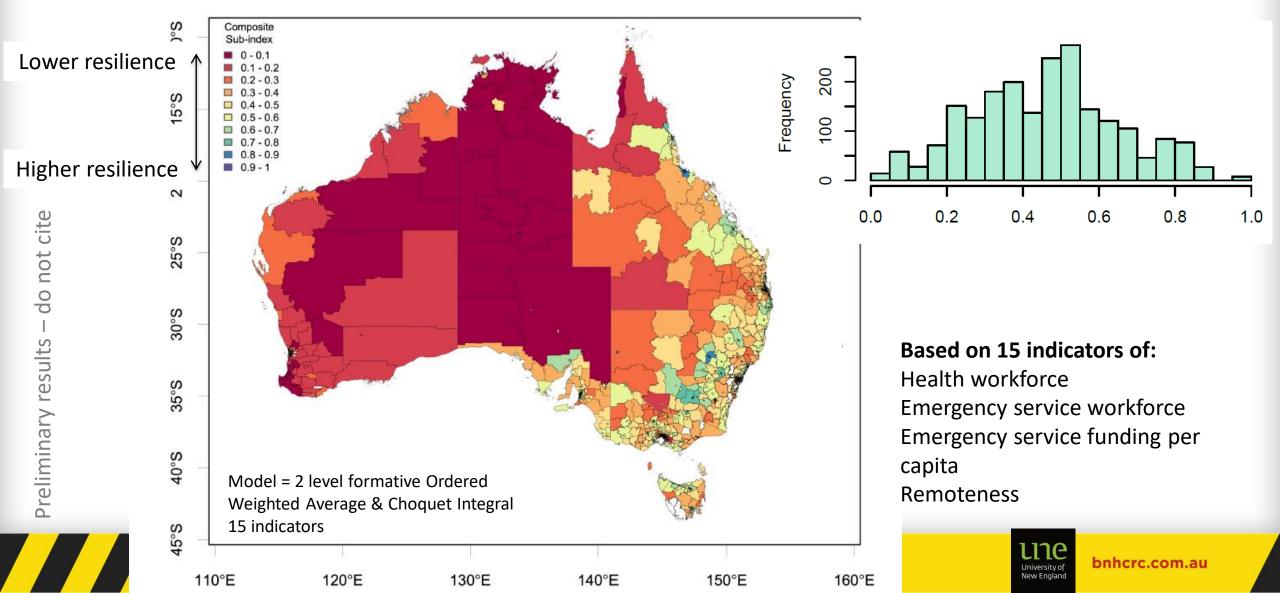
The economic factors that influence the capacity to prepare for and recover from a natural hazard event



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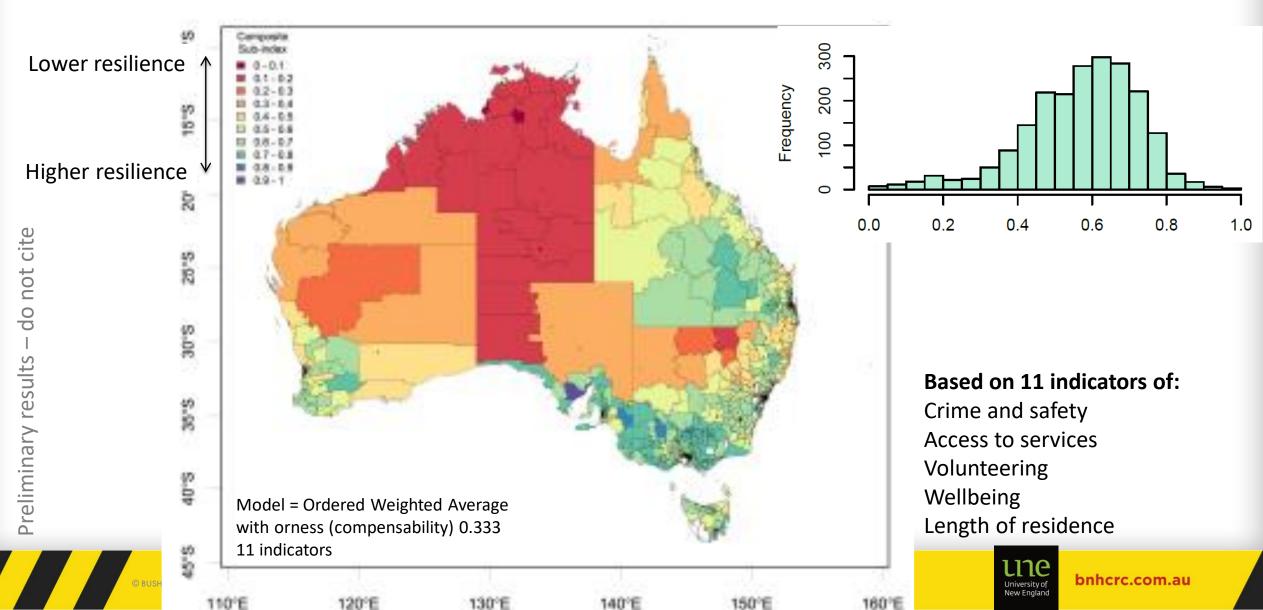
INDEX – EMERGENCY SERVICES THEME

The capacity and potential of emergency service and health resources to respond to natural hazard events



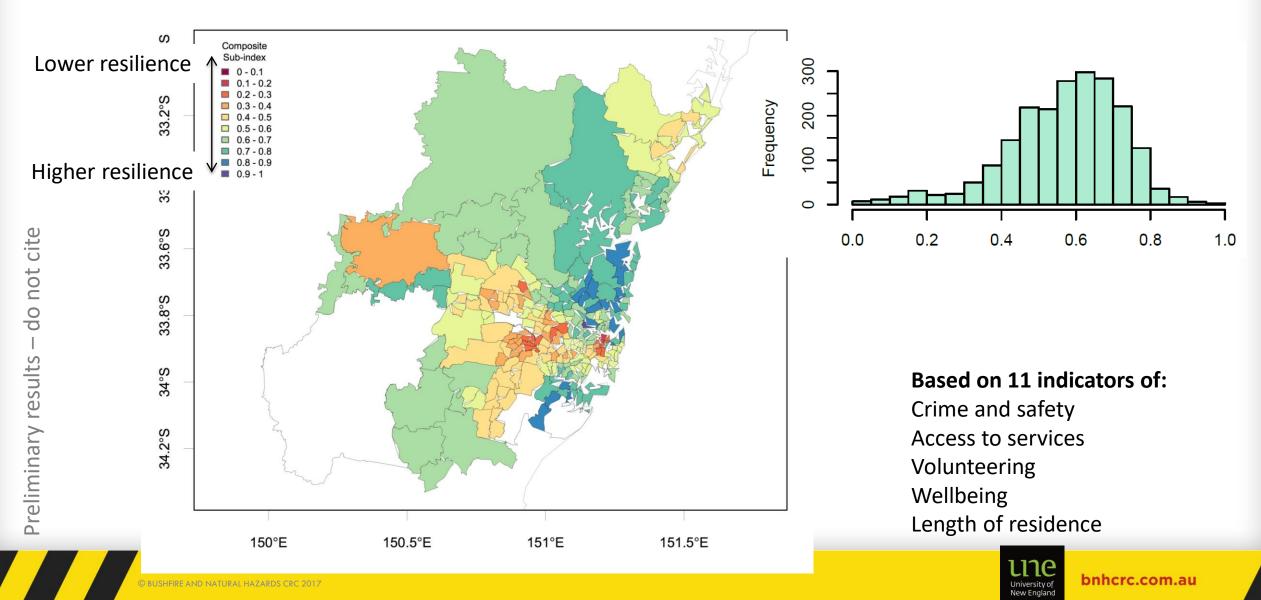
INDEX – COMMUNITY CAPITAL THEME

Capacity for cohesion, connectedness and coordination for mutual benefit



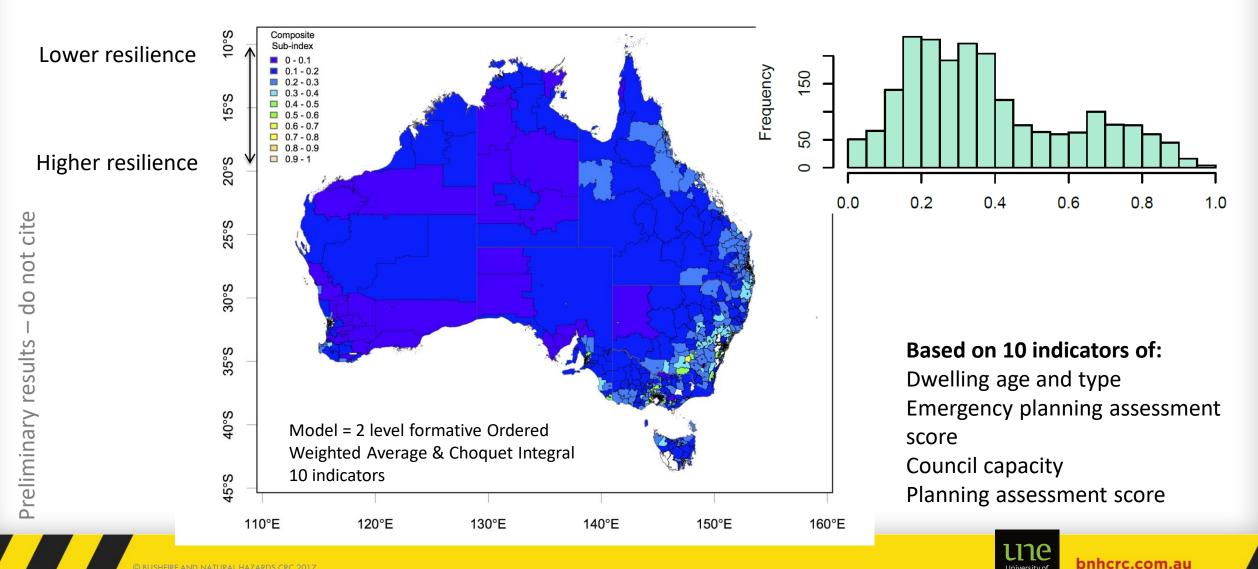
INDEX – COMMUNITY CAPITAL THEME

Capacity for cohesion, connectedness and coordination for mutual benefit



INDEX – PLANNING AND INFRASTRUCTURE THEME

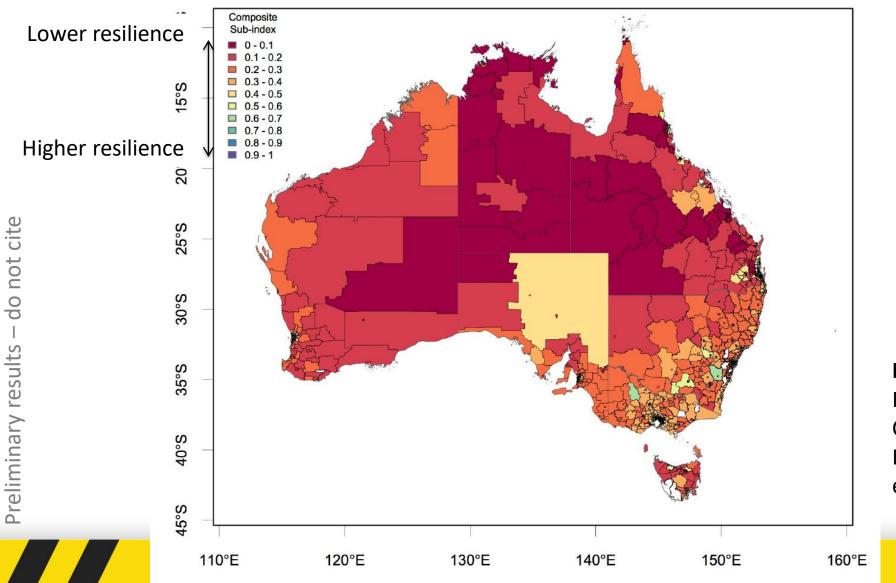
The capacity to prepare for natural hazards using landuse planning, mitigation or disaster planning



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INDEX - GOVERNANCE, POLICY AND LEADERSHIP THEME

The capacity within agencies to learn, adapt and transform

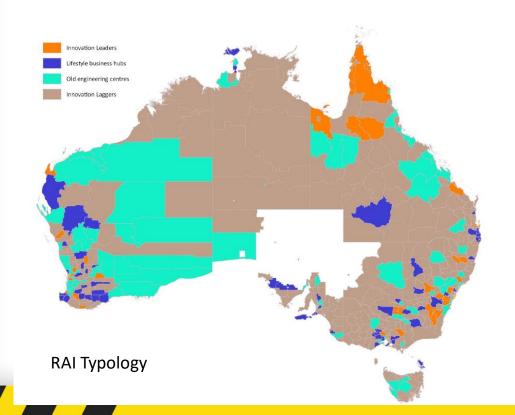


Based on 4 indicators of: Research and development Capacity for innovation Emergency service governance environment

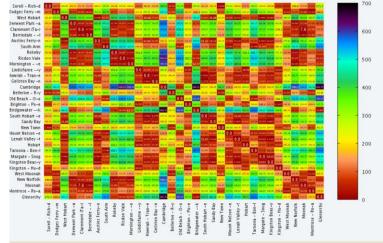


NEXT STEPS - THE STATE OF DISASTER RESILIENCE REPORT

1) Strengths-based approach to interpretation of disaster resilience



Hobart HCHM Income, Inequality and Financial Stress



Infrastructure & planning Economic capital Darlinghurst Emergency services Social character 6.0 0.2 0.4 0.6 0.8 1.0 Community capital Information & engagement

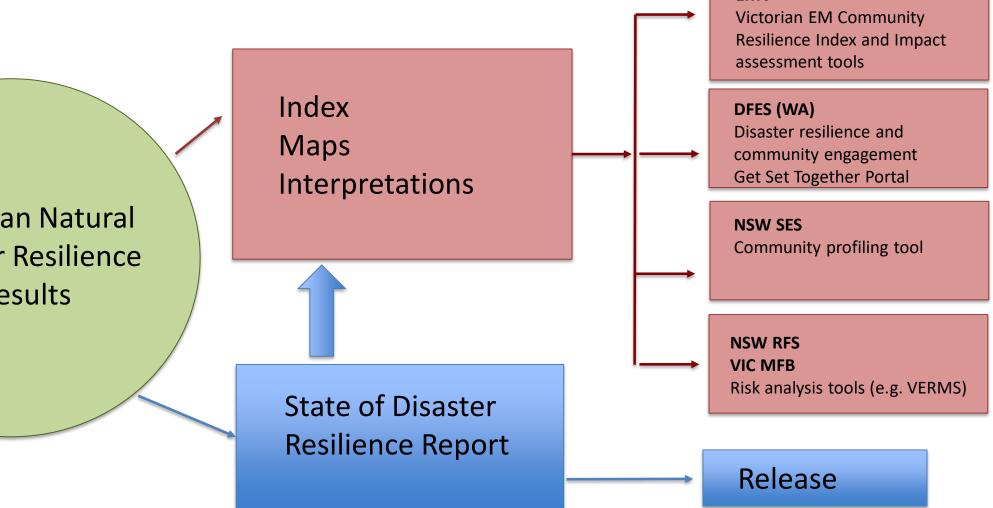
AURIN Heat Map



bnhcrc.com.au

UTILIZATION

Australian Natural Disaster Resilience Index Results



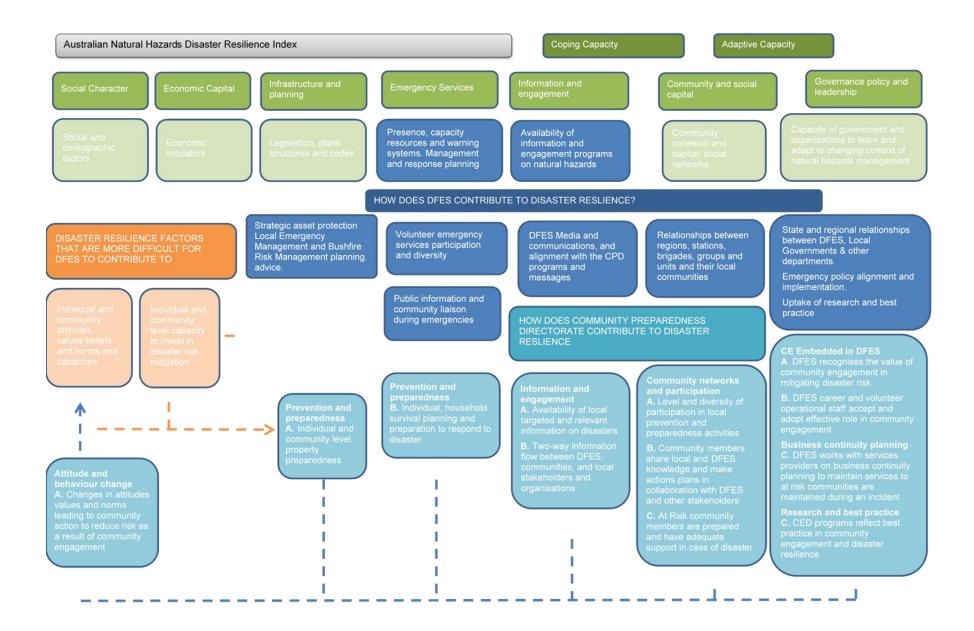


EMV

Research Utilisation – ANDRI

WA Department of Fire and Emergency Services - Community Preparedness Rachel Armstrong

- Get Ready Regionalised information on an All hazards preparedness portal.
- Design and targeting of our community preparedness programs at a regional and local level, eg. through our *Areas of community engagement focus.*
- A conceptual framework to help evaluation the impact or our programs on disaster resilience.



Government of Western Australia Department of Fire and Emergency Services