

Natural Hazards Research Australia – Overview of new projects and partnering

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Natural Hazards Research Australia

Our vision

That communities will be safer, more resilient and sustainable in the face of natural hazards

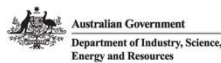
Our mission

To work with partners and the community on research that is useful, actionable and supportive of better decision-making to save lives and protect communities.



Participants

FEDERAL



NATIONAL PARTNERS



AUSTRALIAN CAPITAL TERRITORY



NEW SOUTH WALES



NSW Dept of Climate
Change Energy
Environment and Water
NSW Dept of
Customer Service
NSW Dept of Planning
Housing and Infrastructure
NSW Reconstruction
Authority



QUEENSLAND



SOUTH AUSTRALIA



VICTORIA



NORTHERN TERRITORY



WESTERN AUSTRALIA



TASMANIA



Research providers

A I T H E R

alluvium

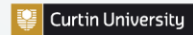


Deloitte.

COLLABORATIVE
CONSULTING CO



CURIO | GROUP



MICHAEL
EARNST
EBURN



Achievements

32 TOTAL PARTICIPANTS

87 POSTGRADUATE STUDENTS SUPPORTED

24 OF NATIONAL ACTION PLAN FOR DRR SUPPORTED

300K+ WEBSITE USERS

300+ EXPERT RESEARCHERS

5,667 HAZARDOUS WEBINAR REGISTRATIONS FROM 774 ORGANISATIONS

50,800 JOURNAL CITATIONS

215+ EVENTS FACILITATED OR SUPPORTED

2,197 MEDIA APPEARANCES

RESEARCH INFORMED STRATEGIC ADVICE

295+ POLICY MENTIONS

4 NATURAL HAZARDS RESEARCH FORUMS

\$34M FUNDING ALLOCATED

8 EARLY CAREER RESEARCH FELLOWS

98 PROJECTS 30 COMPLETED

4 INDUSTRY INTERNSHIPS

Resources



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Resources

Search our resources, including posters, presentations, fact sheets and more.



Photo: Natural Hazards Research Australia



Investing in cheaper, cleaner energy and the net zero transformation

Natural Hazards Research Australia submission to the Productivity Commission's *Investing in cheaper, cleaner energy and the net zero transformation* interim report



Australian Disaster Resilience Handbook Collection | 2025

Tsunami Emergency Planning in Australia





Australian Government
National Emergency Management Agency



Australian Institute for
Disaster Resilience



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Home > Statistics > Measuring What Matters > Measuring What Matters themes and indicators > Sustainable > Climate resilience

Sustainable

Emissions reduction

Air quality

Protected areas

Biological diversity

Circular economy

Fiscal sustainability

Economic resilience

Climate resilience

On this page

Metric

Why this matters

Progress

Climate resilience

Resilient and sustainable nation

Released 15/09/2025

Metric

Australian Disaster Resilience Index

Why this matters

Even as the world is taking action to reduce emissions, the physical impacts of climate change will increase due to past emissions. Action is needed to build resilience and protect the environment, communities and the economy from the worst of the impacts of climate change. This means we must anticipate, manage and invest in adapting to climate risks.

Progress

According to the updated [2024 Australian Disaster Resilience Index \(ADRI 2\)](#):

- 25.1% of the Australian population live in an area with high capacity for disaster resilience
- 51.8% live in areas with moderate capacity, and
- 23.1% live in an area with low capacity for disaster resilience.

...with high capacity for disaster resilience are located within major cities and the inner regional ... within these regions there is still large variation in the capacity for disaster resilience

...view of the capacity for disaster resilience within a ... measure of the actual response to a hazard



COMMONWEALTH OF AUSTRALIA

Proof Committee Hansard

SENATE

FOREIGN AFFAIRS, DEFENCE AND TRADE REFERENCES COMMITTEE

National Volunteer Incentive Scheme (Climate Army)

(Public)

MONDAY, 29 SEPTEMBER 2025

SYDNEY

CONDITIONS OF DISTRIBUTION
...ence taken before the committee.
...is recognised as such.

STEER CLEAR OF FLOODS

ses.nsw.gov.au



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Steer Clear of Floods.



Australia's National Climate Risk Assessment

2025



Australian Government
Bureau of Meteorology



The Australian Climate Service is a partnership of:



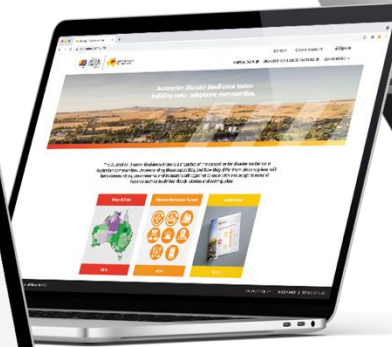
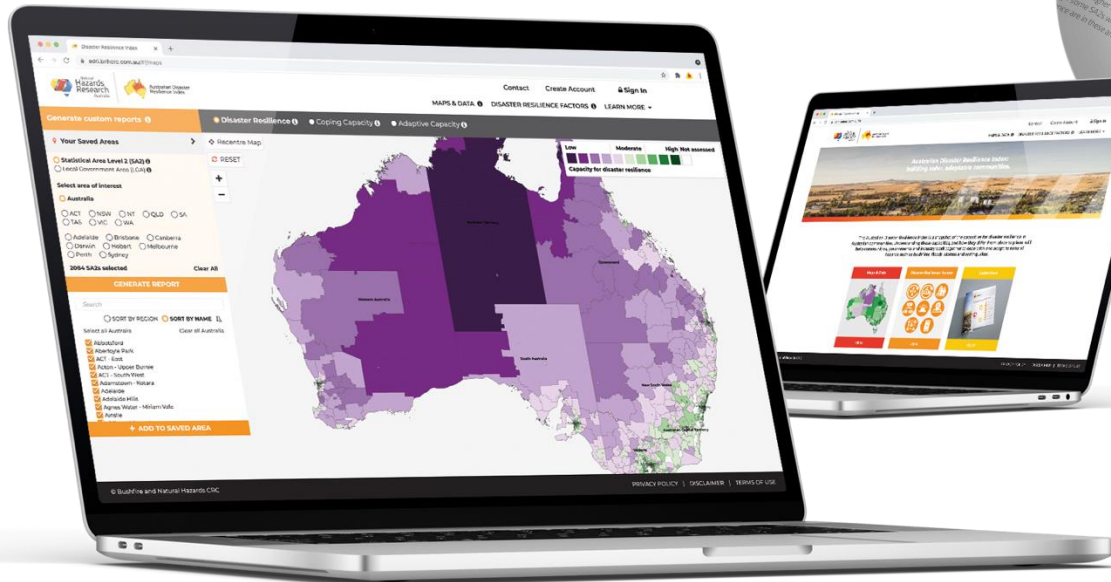
Australian Bureau of Statistics



Australian Government

Australian Disaster Resilience Index (ADRI-2)

- 657 unique users
- 300+ different organisations represented
- 65,000+ unique user sessions recorded



Hazardous Webinars and Notes



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November Hazardous Webinar one:
Research lessons from the 2024
Canadian fire season

REGISTER TODAY



Hazardous
WEBINARS

Thursday 14 November

10–11am AEDT

Research theme

[Learning from disasters](#)

Extreme fire behaviour knowledge modules

Module 2: Fire-Generated Vortices (FGV)

START COURSE



Photo: Ned Dawson/NSW Rural Fire Service

Learning time: 1 hour

Welcome to the Fire-Generated Vortices module. In this module, you will learn how to identify fire-generated vortices (FGVs) and the environments that are favourable to their formation. You will explore what resources are available to help you assess FGV potential and communicate the risks they pose to crews and assets. At the end of this module, you will have an opportunity to reflect and apply your

Finding Research of Interest



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Resources

Search our resources, including posters, presentations, fact sheets and more.

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Photo: Natural Hazards Research Australia

New Projects



Testing and improving bushfire-prone area construction standards (Testing AS3959 construction and exposure assumptions)

Understanding conflagration fires



Integrated solutions for bushfire-adaptive homes Project Extension – Post 2026 Vic Fire Season

Opportunities

We regularly offer great professional and research opportunities for researchers, partners and prospective employees.



Workshop Grants Program

- **Purpose**
Supports workshops aligned with Centre's mission, vision, and objectives, fostering collaboration between researchers and end-users.
- **Funding**
Offers four grants up to \$7,500 per workshop in 2025–26.



[naturalhazards.com.au/
workshop-grants-program](https://naturalhazards.com.au/workshop-grants-program)



NHRA Investment Round 12

Submitting a project idea

Project concepts can now be submitted until 5:00pm (AEDT), 6 March 2026.

Photo: Natural Hazards Research Australia

Research project concepts for funding consideration are now open until 5:00pm (AEDT), 6 March 2026.

Project concepts are formally considered for funding twice a year, as a part of Natural Hazards Research Australia's ongoing research strategy.

The Centre welcomes submissions of project ideas for potential inclusion in our research program. Ideas can be for short-, medium- or long-term projects that can be effectively used.

Any new research accepted will contribute to the Centre's ongoing research portfolio and will be guided by its rolling [Biennial Research Plan](#).

[Concept submission form](#)

Share



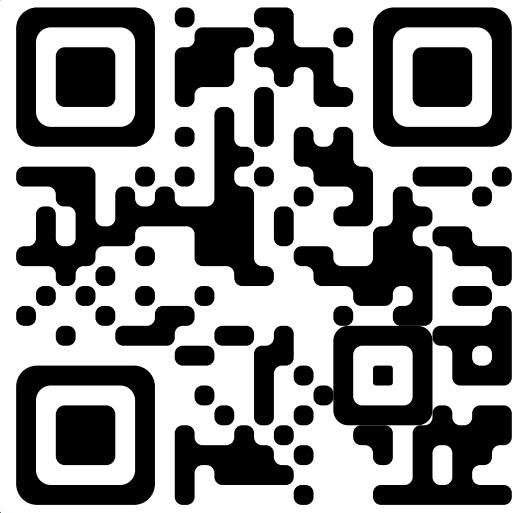
#NHRF26

SAVE THE DATE
10-12 JUNE 2026



HEY ADELAIDE!
WE'RE BACK...
AGAIN!

NATURAL HAZARDS
RESEARCH FORUM 2026



Be part of
the journey



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