

Day 1: Wednesday 12 October 2022

Time	Topic
Boulevard Auditorium	
12:00pm	Registrations open
	Introduction and context setting Chair: Andrew Gissing, CEO Natural Hazards Research Australia
1:00pm	Welcome to Country Welcome Dr Katherine Woodthorpe AO, Chair Natural Hazards Research Australia Launch of Natural Hazards Research Australia Senator the Hon Murray Watt, Minister for Emergency Management (video) Hon Mark Ryan MP, Qld Minister for Fire and Emergency Services An introduction to Natural Hazards Research Australia Andrew Gissing, CEO Natural Hazards Research Australia
	Keynote: Insights for research in disaster risk reduction and resilience Prof Mary O'Kane AC
	Keynote: Global research priorities Dr Robert Glasser, Head of Climate and Security Policy Centre, Australian Strategic Policy Institute (live videolink)
	Keynote: Black Summer/national disaster arrangements Dominique Hogan-Doran, Senior Counsel
3:00pm	Afternoon tea - Boulevard Auditorium Foyer
Boulevard Auditorium	
3:30pm	Driving Change: evidence informed policy and strategy Chair: Sandy Whight, AFAC
	Fire science Dr Simon Heemstra, Director of National Projects, AFAC
	Warnings and communications Dr Josh Whittaker, NSW Rural Fire Service Prof Vivienne Tippet, Queensland University of Technology
	Resilience A/Prof Melissa Parsons, University of New England
	Partnering with business: Case study Dor Son Tan, Energy Networks Australia Stephen Martin, Powerlink Queensland
	Panel discussion
Boulevard Auditorium	
6:00pm–7:00pm	Reconciliation Action Plan – launch and refreshments Learn about the Centre's commitments to reconciliation with the formal launch of its first Reconciliation Action Plan, featuring a smoking ceremony, First Nations speakers and a reconciliation activity.



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Participate.
Engage.
Contribute.
Be involved.

Day 2: Thursday 13 October 2022

International Day for Disaster Risk Reduction

Time	Topic	
Boulevard Auditorium		
8:30am	Sustainable, safe and healthy natural landscapes Effective risk reduction and resilience-building across diverse natural landscapes can be measured in values of sustainability, safety and health of those landscapes. Healthy landscapes are inherently more resilient and are intricately entwined with healthy people and communities. This session brings together contributions from First Nations people, land management agencies and other relevant groups. We will explore how we can combine traditional and modern knowledge to care for Country and reduce the risks posed by natural hazards. Special message for International Day for Disaster Risk Reduction, Dr Animesh Kumar, Head of United Nations office for Disaster Risk Reduction, Bonn, Germany. Chair: Dr Kat Haynes, Natural Hazards Research Australia Keynote: Dr Turlough Guerin, CEO Landcare NSW Prof David Bowman, University of Tasmania Vanessa Cavanagh, University of Wollongong Oliver Costello, Jagun Alliance Dr Samantha Lloyd, Queensland Fire and Biodiversity Consortium; Healthy Land and Water Dr Andrew Edwards, Charles Darwin University	
10:00am	Morning tea – Boulevard Auditorium Foyer	
Boulevard Auditorium		
Boulevard B1		
	Stream 1	
	Stream 2	
10:30am	Resilient and sustainable built environments In this time of rapid climate change and intensifying natural hazards, infrastructure systems are under increasing pressure to deliver resilient and reliable services. Reliance on critical infrastructure and essential services is a key global vulnerability. This session will examine how a focus on lifelines and interactions within complex human-built environment systems can deepen our understanding of resilience and support the goals of the Australian Disaster Risk Reduction Framework. Chair: Dr Blythe McLennan, Natural Hazards Research Australia Dr Adriana Keating, Monash University Prof Alan March, University of Melbourne Jeremy Mansfield, Lend Lease and Green Cross Australia Cameron Atkinson, Natural Hazards Research Australia & University of Tasmania	Situational awareness With the rise of social media, online activity and the increase in demands from royal commissions, reviews and inquiries, the emergency management sector is increasingly under pressure to share and make sense of data in real-time. In this session, we help the emergency management sector approach this issue by bringing together a selection of multidisciplinary researchers to explore innovations in situational awareness technologies and methods. Chair: Loriana Bethune, Natural Hazards Research Australia Dr Chloe Begg, Victoria Country Fire Authority Dr Matt Mason, University of Queensland Ken Dale, Geoscience Australia
12:00pm	Lunch – Boulevard Auditorium Foyer	
1:00pm	Learning from disasters Understanding the underlying social, economic and political circumstances that underpin why a natural hazard becomes a disaster is fundamental to reducing future risks and transforming how we live and adapt to hazards. This session will explore lessons learnt in both recent and historic disasters. We will highlight why implementing change is challenging and give examples of how it can be done. Chair: Dr Kat Haynes, Natural Hazards Research Australia Bhiamie Williamson, Fire to Flourish, Monash University A/Prof Mel Taylor and 2022 floods research team, Macquarie University Dr Matt Mason, University of Queensland	Operational response and innovation Innovation is the key to helping the emergency management sector better respond to emergencies. In this interactive session, we will engage with researchers from diverse fields relating to emergency management operations. We aim to understand how we can use innovation from a range of disciplines to improve the safety and effectiveness of operational response on the ground. Chair: Loriana Bethune, Natural Hazards Research Australia Dr Peter Hayes, Central Queensland University Leigh Kelson, Fire Tech Connect Dr Mahesh Prakash, Data 61



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2:15pm	Afternoon tea – Boulevard Auditorium Foyer
Boulevard Auditorium	
2:30pm	<p>Workforces and communities of the future Australia's emergency management sits within an environment that is becoming ever more complex, dynamic and uncertain, while the nature of how we work is also changing – influenced by changes in technology and lifestyle, and by increasing levels of interconnectivity and cross-boundary collaboration. In this dynamic context, planning for the future sustainability, effectiveness and wellbeing of the emergency management workforce becomes especially important. This session will bring together a panel of diverse perspectives to discuss what the emergency management workforce should look like in 10-20 years' time (and why), and the role of research in supporting the sector to build and enable a 'future ready' workforce.</p> <p>Chair: Dr Blythe McLennan, Natural Hazards Research Australia Celeste Young, Victoria University & Department of Fire and Emergency Services WA Elly Bird, Resilient Lismore Mara Basanovic, CEO Volunteering Queensland Alen Slijepcevic, Deputy Chief Officer, Country Fire Authority Andrew Short, Assistant Commissioner SES, Queensland Fire and Emergency Services Ricky Archer, CEO North Australian Indigenous Land and Sea Management Alliance Ltd</p>
Boulevard Auditorium	
4:00pm–6:00pm	<p>Disaster Challenge Final – presentations and refreshments MC: Iain Mackenzie The Disaster Challenge Final will bring the finalists together to pitch their brilliant ideas. Teams: Mobilising Local Culturally & Linguistically Diverse Stakeholders & Gatekeepers; Tourist & Tourism Worker Education Using Wi-fi Portals; Beacons of Hope Keynote: Dr Margaret Cook, Griffith University and University of the Sunshine Coast Kate Retzki, Get Ready Queensland and Queensland Reconstruction Authority</p>

Day 3: Friday 14 October 2022

Time	Topic
Boulevard Auditorium	
8:30am	<p>Resilient communities Chair: Dr Margaret Moreton, Executive Director AIDR</p> <hr/> <p>Community-led recovery Keynote: Brendan Moon, Coordinator-General for Emergency Management, National Emergency Management Agency Prof Lisa Gibbs, Centre for Disaster Management and Public Safety, University of Melbourne A/Prof Briony Rogers, Fire to Flourish, Monash University A/Prof Michelle Villeneuve, Centre for Disability Research and Policy, University of Sydney Kylie Macfarlane, Chief Operating Officer, Insurance Council of Australia Elly Bird, Resilient Lismore</p> <hr/> <p>Panel discussion</p>
10:00am	Morning tea – Boulevard Auditorium Foyer
Boulevard Auditorium	
10:30am	<p>Managing disaster risk, building disaster resilience Chair: Prof Deb Bunker, Chief Science Officer, Natural Hazards Research Australia</p> <hr/> <p>Climate scenarios, plausible futures Keynote: Prof Lauren Rickards, Climate Change Transformations, RMIT University Keynote: Zoë Robinson, NSW Advocate for Children and Young People</p> <hr/> <p>Panel discussion Chair: Iain Mackenzie Prof Lauren Rickards, Climate Change Transformations, RMIT University Zoë Robinson, NSW Advocate for Children and Young People Mike Wassing, Deputy Commissioner, Queensland Fire and Emergency Services Ricky Archer, CEO North Australian Indigenous Land and Sea Management Alliance Ltd</p>
12:00pm–12:30pm	<p>Wrap up and close Prof Deb Bunker, Chief Science Officer, Natural Hazards Research Australia</p>