



Emergency Management

January 2022

SOUTH AUSTRALIA'S DISASTER RESILIENCE NEWSLETTER

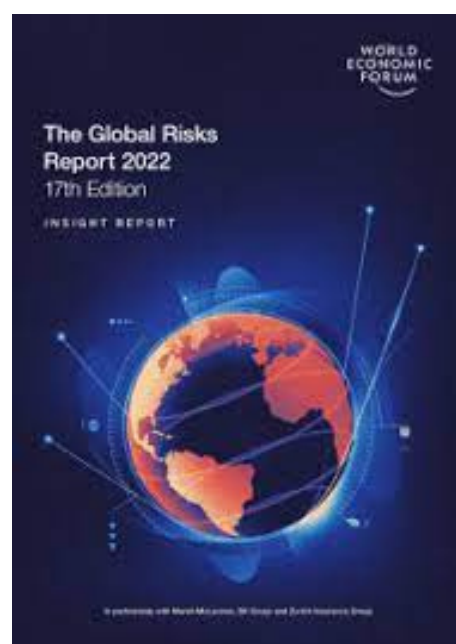
GLOBAL RISKS REPORT 2022

Every year the World Economic Forum release their Global Risks Report, tracking global risks perceptions among risk experts and world leaders in business, government and civil society.

Published on the 11th of January 2022, this report analyses key risks to explore further - for which warning signs are beginning to surface or potential blind spots in risk perceptions.

From the Global Risks Perception Survey 2021-2022, the most severe risks on a global scale over the next 10 years included:

- | | |
|----------------------------|-------------------------------|
| 1. Climate action failure | 6. Infectious disease |
| 2. Extreme weather | 7. Human environmental damage |
| 3. Biodiversity loss | 8. Natural resource crises |
| 4. Social cohesion erosion | 9. Debt crises |
| 5. Livelihood crises | 10. Geoeconomic confrontation |



Visit this link to read the full report: [Global Risks Insight Report 2022](https://www.weforum.com/reports/global-risks-report-2022) (weforum.com)

AUSTRALIAN DISASTER RESILIENCE CONFERENCE – CALL FOR ABSTRACTS

The Australian Disaster Resilience Conference returns in August 2022 to Adelaide to explore the theme: **Resilience in a riskier world – adapting and transforming for the future**. Be part of the conference program in 2022. Authors are invited to submit an abstract of no more than 300 words via the abstract portal before 7 February 2022.



23-26 AUGUST 2022 | ADELAIDE CONVENTION CENTRE

To find out more: <https://www.aidr.org.au/programs/australian-disaster-resilience-conference/>





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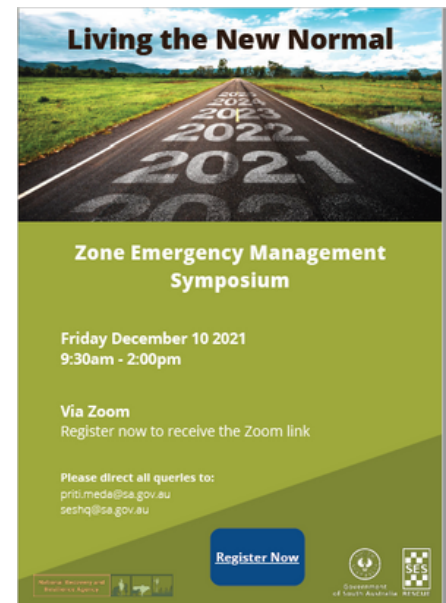
ZONE EMERGENCY MANAGEMENT SYMPOSIUM

'LIVING THE NEW NORMAL' - 10TH DECEMBER 2021

More than one hundred emergency management practitioners from across the national, state and local government gathered virtually on the 10th December for the 2021 Zone Symposium. This year's theme was Living the New Normal and was co-sponsored by the National Recovery and Resilience Agency (NRRA).

The Key note speaker Dr. Raina MacIntyre gave an insightful and engaging presentation on 'COVID-19- what does the future hold?'. The audience then heard from a number of presenters including Daniel Austin Deputy Commissioner NSW SES who provided an update on the NSW Floods, Samantha Young in relation to Psychological Impacts of ongoing uncertainty and Katelyn Samson from AIDR regarding the Systemic Disaster Risk Reduction Handbook. This year's event also featured panel discussions on 'Navigating Prolonged and Concurrent Events' and 'Recovery arrangements' from key agency stakeholders. SASES wishes to thank the Minister Vincent Tarzia MP, the guest speakers, panellists and attendees for presenting and attending the 2021 Zone Symposium.

Recordings of the event are now available upon request for those who attended or were unable to attend. Please contact Priti Meda, SASES, Priti.Meda@sa.gov.au for access to the recordings.



ADAPT NOW! - ADAPT WEST EVENT OCT 2021



Image source: Adapt West



If you missed it, you can access a recording of the event via YouTube:
<https://www.youtube.com/watch?v=qjXS0Cmv6pU>

The AdaptNow! event was held by AdaptWest on the 27th October 2021 at the Woodville Town Hall. The event was opened by Senior Kaurna man, Mickey Kumatpi O'Brien to an audience of approximately 170 people both in the hall and online.

MC Rory McClaren (ABC) and an expert panel of service providers which included SASES, Asthma Australia, Red Cross, Council representatives, Estuary Care Foundation and Big Shed Brewing Concern and community members explored a climate change hypothetical and questions such as- When a chain of events occur, like weeks of extreme heat, with power failures and bushfire smoke impacting the metro area and storms that bring localised flooding, how would you and your community respond?



Each decision and action makes us more vulnerable to disasters – or more resilient to them. Thus disaster risk reduction involves every part of society, every part of government, and every part of the professional and private sector." United Nations International Strategy for Disaster Reduction.



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LGA COUNCIL READY PROGRAM WINS STATE AND NATIONAL RESILIENT AUSTRALIA AWARDS

At the end of 2021, the LGA accepted both the State and National Resilient Australia Awards on behalf of those who worked on the Council Ready Program from 2018 to 2021.

The award, presented by the Minister for Emergency Services Vincent Tarzia, acknowledged the program's work supporting councils with emergency planning, and the great outcomes councils have achieved for their communities.

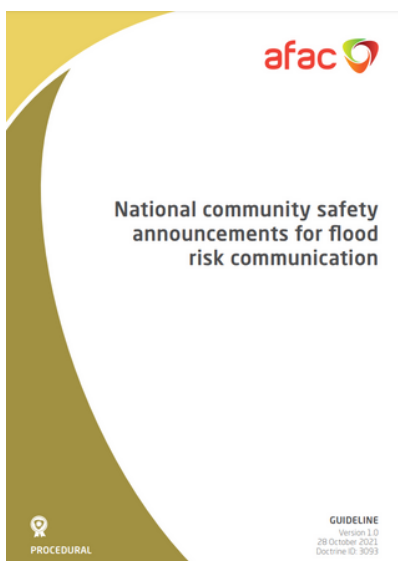


The LGA has also received the Final Evaluation report for the program. The independent evaluation found evidence of impact and effectiveness across all five program aims, which was attributed to:

- the resources provided to councils (project staff and document templates)
- a customised delivery approach
- an intentional effort to gain broad participation within councils.

You can read more in the Evaluation Snapshot and full Evaluation Report on the LGA website (member login required): [LGA South Australia](#) | [LGA South Australia](#)

FLOOD RISK COMMUNICATION: AFAC NATIONAL COMMUNITY SAFETY ANNOUNCEMENTS



The new Doctrine: *AFAC National Community Safety Announcements for Flood Risk Communication* has been approved as of the 28th October 2021.

AFAC develops doctrine to support the practice of emergency management. The information in doctrine publications is evidence-based and drawn from academic research and the collective expert knowledge of member agencies. The messages are designed to provide communities with information and advice about protective actions they can take when impacted by flood water.

The Doctrine is now available for download on the AFAC website, at:

<https://www.afac.com.au/insight/doctrine/article/current/afac-national-community-safety-announcements-for-flood-risk-communication>.

A report on the project and a short summary brief has also been circulated.



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AFAC COUNCIL MEETING - NOV 2021: CLIMATE SCENARIO RESEARCH FOR EM SECTOR

AFAC, the National Council for fire and emergency services, Climate Change Group received Tactical Research Funding through the BNHCRC to work with RMIT University and Reos Partners to produce a set of logically plausible scenarios about how the future might unfold in a climate-challenged world. They also considered what this means for strategic planning and operations in the fire and emergency services sector.

The research project produced a number of key outputs, including:

- EMS Guide for Using Transformative Scenarios in a Climate Challenged World:
<https://www.bnhcrc.com.au/resources/guide-fact-sheet/8229>
- EMS Case Studies as Worked Examples – A ‘light’ version of a wind-tunnelling process is outlined using four case examples from the perspective of different Emergency Service agency types: urban operations, rural operations, land management, and State emergency services.
<https://www.bnhcrc.com.au/publications/biblio/bnh-8233>
- Implications of Climate Change for Emergency Services Operations: Insights from the Literature.
<https://www.bnhcrc.com.au/publications/biblio/bnh-8236>
- Preparing emergency services for operations in a climate-challenged world
<https://www.bnhcrc.com.au/research/understanding-and-mitigating-hazards/8023>

For further information about AFAC and the Climate Change Research Project you can visit the website:
<https://www.afac.com.au>

LG PROFESSIONALS SA - 2022 ANNUAL STATE CONFERENCE



Registrations are now open for the 2022 Annual State Conference ‘Leading the Future An Adaptable Sector.’

Safe, inclusive, responsive, innovative and resilient – all words used to describe the role of local government in building and protecting our communities. But what does the future of the South Australian local government sector look like? In a world of increasing speed and complexity, organisations are struggling to stay relevant. We need new ways to present local government.

The conference program will touch on how with increasing pressure and community expectations we can create, lead and manage teams in highly adverse and uncertain environments, future proofing our workforce to remain nimble, responsive and in touch, as we have demonstrated in the last 18 months.

All local government professionals are encouraged to attend. Find out more:

<https://www.lgprofessionalssa.org.au/Annual-State-Conference/>



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PREPARING FOR EXTREME RISKS: BUILDING A RESILIENT SOCIETY

*House of Lords: Select Committee on
Risk Assessment and Risk Planning,
Paper 110 Report of Session 2021–22.
Published 3 December 2021.*

The Select Committee on Risk Assessment and Risk Planning – Preparing for Extreme Risks: building a resilient society report from UK Parliament is an interesting paper which highlights concerns regarding traditional risk assessments and identifies risk treatments as archaic, inflexible and deficient to address the changing global and national risk profiles. The paper identifies the need for a systemic approach to combat the evolving extreme and systemic risks. Please see excerpt below:

Nearly two years have passed since the COVID-19 pandemic emerged, placing a spotlight on the Government's planning for the most serious risks facing the UK or its interests overseas. The pandemic has led to unprecedented levels of uncertainty and shock across the world with many countries struggling to respond to the virus. Prior to the onset of COVID-19, the UK's approach to risk assessment and risk management was internationally commended and viewed as rigorous. However, the pandemic has exposed the UK's risk management system as deficient and too inflexible to provide the protection our nation needs.

The Government will not succeed in anticipating every threat or hazard. For that reason, the country needs to be prepared to recover from shocks to which it is vulnerable. That capacity to recover must be based on a flexible, adaptable and diverse population that appreciates the need for its own resilience.

For access to the full paper: <https://publications.parliament.uk/pa/ld5802/ldselect/ldrisk/110/110.pdf>

STORIES OF CULTURAL BURNING IN SOUTHERN AUSTRALIA

New research-backed storytelling resources are helping fire agencies and land management departments better understand cultural burning. The Cultural Burning in Southern Australia illustrated booklet and poster series amplify Indigenous people's perspectives on cultural burning by sharing six personal stories of what burning means. The stories showcase the diversity of this cultural practice and the common elements shared across Australia.



Access the resources on the [Bushfire & Natural Hazards CRC website](#).

Four of the contributions centre on burning one's own Country across southern Australia, while two stories reflect on experiences in academic and government roles that aim to learn from and support Traditional Owners and cultural burning. The stories are shared from members of the Noongar, Guditjmarra, Palawa, Ngunnawal, Bundjalung/Woonarua and Keytej peoples.





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AUSTRALIA'S BLACK SUMMER OF FIRE WAS NOT NORMAL – AND WE CAN PROVE IT

BY DR GARRY COOK, ANDREW DOWDY, DR JUERGEN KNAUER, MICK MEYER, DR PEP CANADELL, PETER BRIGGS

The Black Summer forest fires of 2019–2020 burned more than 24 million hectares, directly causing 33 deaths and almost 450 more from smoke inhalation. Forest fires in Australia are burning more land across more of the year than ever before, as climate-linked fire weather worsens. Fire burns much more land than 25 years ago & more extreme fire years and longer fire seasons

A recent CSIRO study found that these fires were far from normal. The new analysis of Australian forest fire trends just published in Nature Communications confirms for the first time the Black Summer fires are part of a clear trend of worsening fire weather and ever-larger forest areas burned by fires. These trends are almost entirely due to Australia's increasingly severe fire weather and are consistent with predicted human-induced climate change.



Some of the Key Findings include:

- The annual area burned by fire across Australia's forests has been increasing by about 48,000 ha per year over the last three decades. After five years, that would be roughly the size of the entire Australian Capital Territory (235,000 hectares).
- Three out of four extreme forest fire years since states started keeping records 90 years ago have occurred since 2002.
- The fire season is growing, moving out of spring and summer into autumn and winter.

For further information you can access the entire article here: <https://blog.csiro.au/bushfires-linked-climate-change/>

PREPARE FOR THE UPCOMING DISASTER SEASON WITH FREE TRAUMA TRAINING

Now's a great time to prepare yourself and your team for the disaster season by enrolling in a Psychological First Aid or Trauma-informed Care course run by Phoenix Australia, affiliated with the University of Melbourne.

Phoenix Australia's courses are specifically designed for emergency service teams to support others to deal with the impacts of past trauma, and prepare for future disasters, while looking after your own wellbeing. Psychological First Aid (PFA) and Trauma-informed Care (TIC) are flexible and practical courses, and they are free for eligible individuals and organisations in communities affected by the 2019-20 bushfires.

How do we get involved?

Please access the following course registration link, and apply the coupon code at registration for free access to the course.

- **PFA for Emergency Services Managers**
Coupon code: ESPFA100
- **TIC for Emergency Services Staff and Volunteers**
Coupon code: ESTIC100



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