

	STREAM 1 (plenary)   Darling Harbour Theatre	STREAM 2   Room C4.1
9.00am	Welcome	
9.05am	<b>OPENING ADDRESS</b>   Andrew Gissing - CEO, Natural Hazards Research Australia	
	Andrew Gissing, Natural Hazards Research Australia	
9.25am	<b>KEYNOTE</b>   <b>The emerging role of artificial intelligence for satellite fire monitoring, a case study of the 2023 Maui wildfires, and implications for future satellite wildfire disaster monitoring</b> Dr David Roy - Director   Center for Global Change and Earth Observations, Michigan State University	
10.10am	<b>KEYNOTE</b>   <b>Innovative solutions in planning for climate change and risk – better connecting national policy and local action in Australia and the region to enable more sustainable outcomes.</b> Professor Barbara Norman - Emeritus Professor of Urban & Regional Planning, University of Canberra	
10.55am	Morning Tea   10.55am-11.30am	
	<b>COLLABORATIVE APPROACHES</b>	<b>CAPABILITY</b>
	David Bruce, NHRA	Rob Rogers AFSM, NSW RFS
11.30am	<b>‘They don’t get it’: Identifying enablers and barriers to stronger collaborations between disaster practitioners and researchers</b> Dr Kate Brady (University of New South Wales and Australian Red Cross)	<b>Valuing and including diversity to build capability</b> Celeste Young (Victoria University) and Janine Taylor (Queensland Fire and Emergency Services)
12:00pm	<b>A collaborative natural hazards research program for NSW: emergency services, government and universities innovating together</b> A/Prof Rachael Nolan (NSW Rural Fire Service and Natural Hazards Research Centre) and Dr Kat Haynes (NSW Department of Climate Change, Energy, Environment and Water)	<b>No escape: secondary emergencies in flood-isolated communities</b> Suede Stanton-Drudy (NSW State Emergency Service)
12.30pm	<b>Advancing disability inclusive disaster risk reduction: a collaborative framework for action</b> A/Prof Michelle Villeneuve (University of Sydney, Centre for Disability Research and Policy)	<b>Outside the flags – understanding mortality, behaviours and perceptions of Australian beachgoers at unpatrolled locations</b> Jaz Lawes (Surf Life Saving Australia)
1.00pm	Lunch and Exhibition Opening   1.00pm-2.00pm	
	<b>CLIMATE</b>	<b>COMMUNITY AND ENGAGEMENT</b>
	Rebel Talbert, Forestry Corporation of NSW	Katelyn Samson, AFAC
2.00pm	<b>Enhancing Australia’s drought resilience: insights from the Australian climate service hazard teams</b> Jessica Bhardwaj (Bureau of Meteorology)	<b>INVITED SPEAKER</b>   <b>Reducing risk and increasing community resilience in CALD communities: Using technology for culturally appropriate communication</b> Dr Kate Delmo (University of Technology Sydney) and Melinda McDonald CF (Fire & Rescue NSW)
2.30pm	<b>Understanding the cost-effectiveness of bushfire management activities in a changing climate</b> Dr Jeremy Little (Department of Energy, Environment and Climate Action)	<b>Student voice, influence and leadership in school emergency management: an action research case study</b> Dr Briony Towers (LEADRRR) and Dr Erica Kuligowski (RMIT University)
3.00pm	<b>Supporting the production of decision-ready research: establishing the NSW Bushfire and Natural Hazards Research Centre</b> Dr Charuni Pathmeswaran (Department of Climate Change, Energy, the Environment and Water)	<b>The time has come for a National approach to ‘Telling Your Story Once’: unveiling re- traumatisation following the 2019-2020 bushfires</b> Dr Revathi N. Krishna (Monash University)
3.30pm	Afternoon Tea and Poster Viewing   3.30pm-4.15pm	
4.25pm	<b>KEYNOTE</b>   <b>Solving key challenges through innovation</b> Professor Hugh Durrant-Whyte, NSW Chief Scientist & Engineer, NSW Government	
5.10pm	Conference Close (5 minute transition time)	
5.15pm	<b>AFAC24 Welcome and Awards Ceremony</b>	
6.00pm	<b>Welcome Function in the Exhibition - Sponsored by ISUZU Australia</b>	

	STREAM 3   ROOM C4.4	INNOVATION STREAM   ROOM C4.5
9.00am	Welcome	
9.05am	<b>OPENING ADDRESS</b>   Andrew Gissing - CEO, Natural Hazards Research Australia	
	Andrew Gissing, Natural Hazards Research Australia	
9.25am	<b>KEYNOTE</b>   <b>The emerging role of artificial intelligence for satellite fire monitoring, a case study of the 2023 Maui wildfires, and implications for future satellite wildfire disaster monitoring</b> Dr David Roy - Director   Center for Global Change and Earth Observations, Michigan State University	
10.10am	<b>KEYNOTE</b>   <b>Innovative solutions in planning for climate change and risk – better connecting national policy and local action in Australia and the region to enable more sustainable outcomes.</b> Professor Barbara Norman - Emeritus Professor of Urban & Regional Planning, University of Canberra	
10.55am	Morning Tea   10.55am-11.30am	
	<b>BUSHFIRE AND LAND MANAGEMENT</b>	<b>INNOVATION - PITCHFEST</b>
	Sandy Whight, AFAC	Deb Sparkes, AFAC
11.30am	<b>Blinded by smoke: occupational smoke exposure and eye irritation in Australian wildland firefighters</b> Sukanya Jaiswal (University of New South Wales)	<b>PITCHFEST VARIETY PACK 1</b> Michael Kwok (Compass IoT) Justin Hurcom (Hurtec) Gareth Morgan (EV Fire Protection) Liza Gelt (Collaborative Consulting)
12:00pm	<b>Towards the implementation of bark hazard within the DEECA point cloud processing hub</b> Dr Samuel Hillman (Department of Energy, Environment and Climate Action) and Thomas Gooch (OPO   Office of Planetary Observations)	<b>PITCHFEST VARIETY PACK 2</b> Darren Besgrove (G2G) Dan Winson (Zetifi) Tat Banerjee (VideoTranslatorAI) Aimran Akhtar (Carbonix)
12.30pm	<b>Opportunities for expanding prescribed burn capability using remotely sensed products</b> Dr Adam Leavesley (ACT Parks and Conservation Service)	<b>PITCHFEST XPRIZE CONTENDERS</b> Preetham Akula (Akula Tech) Thomas Grubler (OroraTech) Supratik Mukhopadhyay (Deepfire)
1.00pm	Lunch and Exhibition Opening   1.00pm-2.00pm	
	<b>TECHNOLOGY, TOOLS AND TRAINING</b>	<b>INNOVATION</b>
	Dean Storey ESM, NSW State Emergency Service	
2.00pm	<b>Integrating artificial intelligence and machine learning into research for critical infrastructure resilience and sustainability: insights for practitioners and academics</b> Cameron Atkinson (University of Tasmania)	<b>NSW Smart Sensing Network</b> Peter Runcie (NSW Smart Sensing Network)
2.30pm	<b>How emergency managers make decisions and use cognitive aids</b> Dr Chris Bearman (Central Queensland University)	<b>Streamlining collaboration: connecting frontline agencies with innovators for effective natural hazard response</b> Scott Colefax (Office of the Chief Scientist NSW)
3.00pm	<b>Designing training scenarios - a case study from NTFRS</b> Rachel Leigh Taylor (Monash University & Northern Territory Fire and Rescue Service)	<b>WILDFIRE &amp; AI: Unpacking responsible design, development and operationalisation of relevant artificial intelligence technologies in wildland fire management and operations</b> Elisabeth Goh (Independent Researcher)
3.30pm	Afternoon Tea and Poster Viewing   3.30pm-4.15pm	
4.25pm	<b>KEYNOTE</b>   <b>Solving key challenges through innovation</b> Professor Hugh Durrant-Whyte, NSW Chief Scientist & Engineer, NSW Government	
5.10pm	Conference Close (5 minute transition time)	
5.15pm	<b>AFAC24 Welcome and Awards Ceremony</b>	
6.00pm	<b>Welcome Function in the Exhibition - Sponsored by ISUZU Australia</b>	

	STREAM 1 (plenary)   Darling Harbour Theatre	STREAM 2   ROOMS C4.6 & C4.7
8.30am	<b>OPENING CEREMONY</b>	
	Darren Klemm AFSM, DFES	
9.15am	<b>KEYNOTE   Transformational Leadership: Innovation in a World of Change</b> Dr Lori Moore-Merrell, DrPH, MPH (U.S. Fire Administrator, FEMA)	
10.00am	<b>KEYNOTE   Recalibrating Best Practice - Aboriginality and the Fitzroy Valley Flood Recovery Working Group</b> Douglas D'Antoine (Recovery Executive Officer, Shire of Derby West Kimberley)	
10.45am	Morning Tea and Poster Viewing   10.45am-11.45am	
	<b>DATA</b>	<b>ORGANISATIONAL JOURNEYS</b>
	Judy Morris, AFAC	Daniel Austin, NSW State Emergency Service
11.55am	<b>NERIS and the future of fire data analytics with artificial intelligence</b> Dan Cotter (US Department of Homeland Security)	<b>Building resilience, reducing impact: Australian Red Cross responses to the challenges of climate change</b> Marilee Campbell (Australian Red Cross)
12.25pm	<b>Inform and motivate firefighters to target and prioritise prevention and preparedness activities with data</b> Gary White (Fire and Rescue NSW)	<b>Innovation and resilience borne from tragedy – the journey for surf lifesavers since Black Summer</b> Cheryl McCarthy (Surf Life Saving NSW)
12.55pm	<b>Embarking on the flight data revolution</b> Grant Simpson (NSW National Parks and Wildlife Service) and Zane Vohland (Airborne Mission Systems)	<b>Beyond aeromedical: the Royal Flying Doctors Service's emergency management journey</b> Daniel Byles (Royal Flying Doctor Service WA)
1.20pm	Lunch and Poster Viewing 1.20pm-2.25pm	
	<b>PANEL</b>	<b>YOUTH ENGAGEMENT</b>
	Erin Liston-Abel MBA GAICD, AFAC	Sandy Whight, AFAC
2.35pm	<b>PANEL   People and Community: Embracing our positive duty under the Sex Discrimination Act – creating inclusive workplaces</b> <i>Moderator:</i> Erin Liston-Abel MBA GAICD (AFAC)	<b>Volunteer leaders of the future – targeting young adults (18-30) as the solution</b> Hannah Mercer and Paul Cunningham (NSW Rural Fire Service)
3.05pm	Dr Anna Cody (Australian Human Rights Commission), Jeremy Smith (Tasmania Fire and Emergency Services), Sally Woolford (Diversify Consulting) and Matthew Longland (Sydney Trains)	<b>Youth internship program: engagement tool aiming to build sustainable pathways to emergency services management careers</b> Aylin Basoglu (NSW State Emergency Service)
3.30pm	Afternoon Tea 3:30pm - 4:15pm	
	<b>MARITIME RISK</b>	<b>FIRE DETECTION AND IMAGERY</b>
	Adam Leavesley, ACT Parks and Conservation Service	Georgie Cornish, SA CFS
4.25pm	<b>INVITED SPEAKER   Maritime Fires involving Li-Ion Batteries – Learning &amp; Discussion</b> Captain Adrian Scales (Brookes Bell)	<b>WatchTower cameras for enhanced situational awareness and remote fire detection using AI</b> Ken Hall, Paul Mahoney (ACT Rural Fire Service) and Matthew Connolly (Watch Towers Networks, an ALERT Wildfire Company)
4.55pm	<b>Decarbonisation of the maritime industry – disrupting emergency response systems</b> Jamie Storrie (Australian Maritime Safety Authority)	<b>Pretty in pink: art and aesthetic advocacy in democratising disaster science and combating climate fatigue</b> Chad Ajamian (NSW DCS Spatial Services)
5.20pm	Conference Close	

	STREAM 3   ROOM C4.8	STREAM 4   ROOM C4.9 & C4.10
8.30am	<b>OPENING CEREMONY</b>	
	Darren Klemm AFSM, DFES	
9.15am	<b>KEYNOTE   Transformational Leadership: Innovation in a World of Change</b> Dr Lori Moore-Merrell, DrPH, MPH (U.S. Fire Administrator, FEMA)	
10.00am	<b>KEYNOTE   Recalibrating Best Practice - Aboriginality and the Fitzroy Valley Flood Recovery Working Group</b> Douglas D'Antoine (Recovery Executive Officer, Shire of Derby West Kimberley)	
10.45am	Morning Tea and Poster Viewing   10.45am-11.45am	
	<b>COMMUNITY ENGAGEMENT AND WARNINGS</b>	<b>BUSHFIRE RISK</b>
	Megan Davis, ACT Emergency Services Agency	Cameron Chaffey, NSW National Parks and Wildlife Service
11.55am	<b>Bushfire planning and risk reduction behaviours of older people - preparedness and community engagement insights</b> Assistant Chief Officer Alison May (South Australia Country Fire Service) and Professor Kirstin Ross (Flinders University)	<b>The Australian Fire Danger Rating System: improving the system for the future</b> Meaghan Jenkins (NSW Rural Fire Service)
12.25pm	<b>Piecing the puzzle together - using subsectors to optimise flood emergency management and warning strategies</b> Kirra Waine and Claire Flashman (NSW State Emergency Service)	<b>A class-y approach to assessing future bushfire risk</b> Dr Naomi Bengler (Bureau of Meteorology)
12.55pm	<b>Need for speed – time critical inlanguage access to Emergency Management Victoria's disaster warning system</b> Marc Unsworth (DJCS) and Tea Dietterich (2M Language Services)	<b>We have a plan that helps us understand bushfire risk, how do we know if it works?</b> Susannah Bilous and Melissa O'Halloran (NSW Rural Fire Service)
1.20pm	Lunch and Poster Viewing 1.20pm-2.25pm	
	<b>VOLUNTEER WORKFORCE</b>	<b>FLOODS FOLLOWING FIRES</b>
	Debbie Platz, NSW State Emergency Service	Greg Leach AFSM, VIC SES
2.35pm	<b>Succession planning in volunteer-based emergency services</b> Lisa Clinch and Kirsten Dudink (Country Fire Authority, Victoria)	<b>Innovating for climate resilience: development and application of the HydroFire model for post-fire risk management</b> Charlie Showers (Department of Energy, Environment and Climate Action)
3.05pm	<b>Embracing innovation and disruption: designing the future for our sector – Proud Employer Programme</b> Jon Kneebone (Fire and Emergency New Zealand)	<b>Burning issues: the impacts of bushfires on flood preparedness and response</b> Gillian Webber (NSW State Emergency Service) and Ailsa Schofield (The Bureau of Meteorology)
3.30pm	Afternoon Tea 3:30pm - 4:15pm	
	<b>ENGAGEMENT WITH CHILDREN</b>	<b>SPARK AND BUSHFIRE FUEL</b>
	Gavin Freeman AFSM, FRV	Darren Lang, AFAC
4.25pm	<b>Playdates with emergency services; in response to childhood trauma and challenges from the 2019/2020 bushfires</b> Jacklyn Roque (NSW State Emergency Service)	<b>Operational use of CSIRO Spark simulator - case studies from the NSW 2023/24 fire season</b> Dr Geoff Goldrick (NSW Rural Fire Service)
4.55pm	<b>A totally PAWsome partnership</b> Gary White (Fire and Rescue NSW)	<b>Bushfire fuel re-accumulation after Black Summer - case studies from NSW 2023/24 fire season</b> David Field (NSW Rural Fire Service)
5.20pm	Conference Close	



	<b>STREAM 5: IFE AUSTRALIA (ROOM C4.1)</b>
8.30am	<b>OPENING CEREMONY</b>
	Darren Klemm AFSM, DFES
9.15am	<b>KEYNOTE   Transformational Leadership: Innovation in a World of Change</b> Dr Lori Moore-Merrell, DrPH, MPH (U.S. Fire Administrator, FEMA)
10.00am	<b>KEYNOTE   Recalibrating Best Practice - Aboriginality and the Fitzroy Valley Flood Recovery Working Group</b> Douglas D'Antoine (Recovery Executive Officer, Shire of Derby West Kimberley)
10.45am	Morning Tea and Poster Viewing   10.45am-11.45am
11.55am	<b>IFE KEYNOTE   Innovation &amp; Disruption: The Importance of Knowledge and Collaboration</b> Commissioner Jeremy Fewtrell AFSM (Fire and Rescue NSW)
12.25pm	<b>How Fire and Rescue NSW is adapting drone technology to keep its people safe and speed up operations</b> Russell Turner (Fire and Rescue NSW)
12.55pm	<b>Using Generative AI to converse with your cities, buildings and environment</b> Craig Lawton (Amazon Web Services)
1.20pm	Lunch and Poster Viewing 1.20pm-2.25pm
2.35pm	<b>Rail Incident Response Capabilities</b> Nick Coney (Fire and Rescue NSW)
3.05pm	<b>Multiple Trains in a Vent Section – Thinking Outside the Box</b> Craig Hiscock (Sener)
3.30pm	Afternoon Tea 3:30pm - 4:15pm
4.25pm	<b>Metro Martin Place: the unique challenge of integrating station and towers</b> Dr Marianne Foley and Alan Wilson (ARUP)
4.55pm	<b>PFAS Blood Reduction Program</b> Krystle Mitchell (South Australian Metropolitan Fire Service), Dr Ian Delaere (Expotox)
5.20pm	Conference Close



	STREAM 6: AUSTRALIAN DISASTER RESILIENCE CONFERENCE   ROOM C4.4	STREAM 7: AUSTRALIAN DISASTER RESILIENCE CONFERENCE   ROOM C4.5
8.30am	<b>OPENING CEREMONY</b>	
	Darren Klemm AFSM, DFES	
9.15am	<b>KEYNOTE   Transformational Leadership: Innovation in a World of Change</b> Dr Lori Moore-Merrell, DrPH, MPH (U.S. Fire Administrator, FEMA)	
10.00am	<b>KEYNOTE   Recalibrating Best Practice - Aboriginality and the Fitzroy Valley Flood Recovery Working Group</b> Douglas D'Antoine (Recovery Executive Officer, Shire of Derby West Kimberley)	
10.45am	Morning Tea and Poster Viewing   10.45am-11.45am	
	<b>POLICY TO PRACTICE</b>	<b>SUPPORTING, PARTNERING AND EMPOWERING</b>
	Sally Kuschel, NEMA	Bhiamie Williamson, Monash University
11.55am	<b>State Disaster Mitigation Plan - Driving systemic disaster risk reduction in NSW</b> Amanda Leck (NSW Reconstruction Authority)	<b>Recipe for resilience</b> Vanessa Inkster, Miranda Hampton, Pia Charlton and Sophie Millsteed (Adelaide Hills Council)
12.25pm	<b>PANEL   Lessons in Collaboration</b> <i>Moderator:</i> Georgia Whitbread (IAG) Liz Connell (South Australia State Emergency Services) and Lara Beattie (Australian Red Cross)	<b>Empowering youth in rural Victoria for disaster resilience: initial findings from future proof: young people, disaster recovery and (re)building communities</b> Carla Hall (Youth Affairs Council Victoria) and Fiona MacDonald (Victoria University)
12.55pm	<b>The value of resilience: lessening the risk for our community</b> Melanie de Kleyn (Ipswich City Council)	<b>Tackling Australia's silent killer: from hot policy to cool hubs</b> Beck Dawson (Resilient Sydney) and Jon Swain (City of Sydney)
1.20pm	Lunch and Poster Viewing 1.20pm-2.25pm	
	<b>LOCAL GOVERNMENT AND COMMUNITY CONNECTION</b>	<b>INFANTS AND CHILDREN</b>
	Kris Newton, Mountains Community Resource Network	Bridget Tehan, Australian Red Cross
2.35pm	<b>Community exercises: A collaborative approach to emergency preparedness</b> Sumarlinah Winoto (Nillumbik Shire Council)	<b>Partnerships and practice guidance - supporting the workforce to respond to the unique needs of infants and children in disasters</b> Ruby Awram and Ben Rogers (Emerging Minds National Workforce Centre for Child Mental Health)
3.05pm	<b>The Coffs Coast Multi-Lingual Emergency Warnings Network; a community-government-NGO partnership for disaster communications in 22 languages</b> Luke Barbagallo (City of Coffs Harbour), Biba Honnet (St Vincent de Paul) and Erik Rau (Australian Red Cross)	<b>Bushfire babies: the Australian Breastfeeding Association's bushfire project, building disaster resilience in Eurobodalla Shire and beyond</b> Dr Michelle Hamrosi and Kate Turtiainen (Australian Breastfeeding Association)
3.30pm	Afternoon Tea 3:30pm - 4:15pm	
	<b>MASCULINITIES, CULTURE AND DISASTERS</b>	<b>SYSTEMS, COLLABORATION AND INVESTMENT</b>
	Emma McNicol, National Indigenous Disaster Resilience	Amanda Leck, NSW Reconstruction Authority
4.25pm	<b>PANEL   Masculinities, culture and disaster resilience: a panel discussion</b> <i>Moderator:</i> Dr Emma McNicol (Monash University)	<b>Why and how we need to investigate and strengthen the resilience of lifelines</b> Lauren Rickards (La Trobe University)
4.55pm	Bhiamie Williamson (Monash University), John Richardson (Australian Institute for Disaster Resilience), Steve O'Malley (Gender and Disaster Australia), Collin Sivalingum (Australian Red Cross) and Isaia Pihou (Fire and Emergency New Zealand)	<b>Making the case for climate and disaster resilience investment</b> Melinda Morris (Climate-KIC Australia)
5.20pm	Conference Close	

	<b>STREAM 1 (plenary)   Darling Harbour Theatre</b>	<b>STREAM 2   Rooms C4.6 &amp; C4.7</b>
	Rob Webb, AFAC	
<b>8.30am</b>	<b>KEYNOTE   Checkmate humanity: the how and why of responsible AI</b> Dr Catriona Wallace (Adj. Professor   Founder, Responsible Metaverse Alliance   Shark on TV series Shark Tank Australia)	
<b>9.15am</b>	<b>KEYNOTE   Disruption as innovation: designing for risk in Australia</b> Brendan Moon AM (Coordinator General, National Emergency Management Agency)	
<b>10.00am</b>	Morning Tea and Poster Viewing   10.00am-11.10am	
	<b>CULTURE AND LEADERSHIP</b>	<b>ALTERNATIVE ENERGY</b>
	Naomi Stephens, NSW National Parks and Wildlife Service	Quinn Cramer, WAFA
<b>11.20am</b>	<b>PANEL   Leading practical and disruptive actions to accelerate gender equality</b> <i>Moderator:</i> Kristen Hilton (formerly Victorian Equal Opportunity and Human Rights Commission) Kerry Gregory (Fire and Emergency New Zealand), Steven Pearce AFSM (Surf Life Saving NSW) and Sam Quigley (Department of Energy, Environment and Climate Action)	
<b>11.50am</b>	<b>Fostering diversity and empowering women: CFA's Women in Leadership mentoring program</b> Tracey Ruse, Shandelle Ross and Kathryn Williams (Country Fire Authority, Victoria)	<b>Empowerment through education: addressing the challenges of keeping communities safe in a hydrogen future</b> Loren Tuck (Deakin University) and Cassandra Curtis (South Australian Country Fire Service)
<b>12.20pm</b>	<b>Cultural humility as a tool for transformative leadership in emergency management</b> Melinda McDonald (Fire and Rescue NSW)	<b>Lithium-ion batteries: warning people about the fires hiding in plain sight</b> Kelley Toy and Craig Pollock (Fire and Emergency New Zealand)
<b>12.45pm</b>	Lunch and Poster Viewing   12.45pm-1.45pm	
	<b>CAPABILITY AND CASE STUDIES</b>	<b>FIRST NATIONS</b>
	Wayne Phillips, ACT Emergency Services Agency	Kerry Gregory, FENZ
<b>1.55pm</b>	<b>Australian Government national capability: enhancements in light of increasing consecutive, concurrent and compounding crises</b> Joe Buffone PSM (National Emergency Management Agency)	<b>A steep learning curve; applying a lessons management methodology to the Cultural Fire Program</b> David Windsor (Department of Fire and Emergency Services)
<b>2.25pm</b>	<b>Responding to a cyber attack in emergency services: the first 48 hours</b> Chris Moon and Steve Morgan (Fire Rescue Victoria)	<b>Planning evacuations with Indigenous communities</b> Nell Reidy (National Indigenous Disaster Resilience Program)
<b>2.55pm</b>	<b>Examination of the Türkiye earthquake urban search and rescue response</b> Tim Hassiotis (Fire and Rescue NSW)	<b>Supporting Nitjpurru community with emergency accommodation shelters – NT Government and NSW RFS working together</b> Heath Stimson (NSW Rural Fire Service) and Tyler Thurston (Northern Territory Government)
	Chair: Steven Pearce AFSM, Surf Life Saving NSW	
<b>3.30pm</b>	<b>CLOSING PANEL   Lived Experience: reflecting and celebrating (55 mins)</b>	
<b>4.00pm</b>	<i>Moderator:</i> Jeremy Fernandez (Journalist, TV Producer, News Anchor & MC) Reece Dodds (Cape Hawke SLSC, rescuer) and Adrian Stirling (rescued)	
<b>4.30pm</b>	Closing Ceremony 4.30pm-5.00pm	

	STREAM 3   Room C4.8	STREAM 4   Room C4.9 & C4.10
	Rob Webb, AFAC	
8.30am	<b>KEYNOTE   Checkmate humanity: the how and why of responsible AI</b> Dr Catriona Wallace (Adj. Professor   Founder, Responsible Metaverse Alliance   Shark on TV series Shark Tank Australia)	
9.15am	<b>KEYNOTE   Disruption as innovation: designing for risk in Australia</b> Brendan Moon AM (Coordinator General, National Emergency Management Agency)	
10.00am	Morning Tea and Poster Viewing   10.00am-11.10am	
	<b>OPPORTUNITIES AND INNOVATION</b>	<b>INTELLIGENCE</b>
	Brett Michie, AFAC	Jason Heffernan, CFA
11.20am	<b>INVITED SPEAKER   A global public good alliance for a new era of fire monitoring</b> Dr Karen O'Connor (Earth Fire Alliance)	<b>Embracing new systems and technologies: an agile approach to flood and storm intelligence</b> Stephen McRobert (NSW State Emergency Service)
11.50am	<b>Innovative approaches to firefighter training for 2044: a leap into the future</b> Alexandra McFadden (NSW National Parks and Wildlife Service)	<b>Athena - bushfire intelligence platform</b> Viki Campbell (NSW Rural Fire Service) and Thomas Hart (Kablamo)
12.20pm	<b>Emergency WA Hackathon – problems to prototypes</b> Kent Acott (Department of Fire and Emergency Services WA)	<b>From tweets to tactical insights: leveraging social media for enhanced bushfire intelligence</b> Ben Shepherd (NSW Rural Fire Service) and Thomas Hart (Kablamo)
12.45pm	Lunch and Poster Viewing   12.45pm-1.45pm	
	<b>NEW TOOLS AND SYSTEMS</b>	<b>WORK HEALTH AND SAFETY</b>
	Adam Leavesley, ACT Parks and Conservation Service	Russell Shephard, AFAC
1.55pm	<b>Policies and pacesetters: flexibility in introducing new tools in the emergency setting</b> Aaron Hughes (ACT Justice and Community Safety Directorate)	<b>Reducing cancer risk among bushfire fighters</b> Christian Bihlmaier (ACT Parks and Conservation Service)
2.25pm	<b>BioResponse – a two-way communication tool during biosecurity emergencies and other hazards</b> Dr Leigh Pilkington (NSW Department of Primary Industries and Regional Development)	<b>SOLAR-m: a mobile phone 'app' to prevent mental injury in Fire and Rescue NSW firefighters</b> A/Prof Tracey Varker (Phoenix Australia- Centre for Posttraumatic Mental Health) and Kate Everett (Fire and Rescue NSW)
2.55pm	<b>Learnings from Introducing a Safety Management System for UAVs</b> Paul Hardy (Australian UAV Service)	<b>INVITED SPEAKER   CBRN - Enterprise Solutions Packaged Deliverables</b> Emily Kibble (Health Security Systems Australia   DMTC)
	Chair: Steven Pearce AFSM, Surf Life Saving NSW	
3.30pm	<b>CLOSING PANEL   Lived Experience: reflecting and celebrating (55 mins)</b> <b>Moderator:</b> Jeremy Fernandez (Journalist, TV Producer, News Anchor & MC)	
4.00pm	Reece Dodds (Cape Hawke SLSC, rescuer) and Adrian Stirling (rescuer)	
4.30pm	Closing Ceremony 4.30pm-5.00pm	



	<b>STREAM 5: IFE Australia (Room C4.1)</b>
	Rob Webb, AFAC
8.30am	<b>KEYNOTE   Checkmate humanity: the how and why of responsible AI</b> Dr Catriona Wallace (Adj. Professor   Founder, Responsible Metaverse Alliance   Shark on TV series Shark Tank Australia)
9.15am	<b>KEYNOTE   Disruption as innovation: designing for risk in Australia</b> Brendan Moon AM (Coordinator General, National Emergency Management Agency)
10.00am	Morning Tea and Poster Viewing   10.00am-11.10am
11.20am	<b>AI for Emergency Management: Challenges and Opportunities of Next Generation Solutions</b> Dan Cotter (US Department of Homeland Security)
11.50am	<b>Commercial-scale Solar – Understanding hazards, and minimising risk for emergency services</b> Ivor Kades (AGL Energy)
12.20pm	<b>Watt a Façade! Building Integrated Photovoltaics Approval</b> Blair Stratton (RED Fire Engineers)
12.45pm	Lunch and Poster Viewing   12.45pm-1.45pm
1.55pm	<b>PANEL   Who Do You Think You Are? Personal Stories of Breaking Barriers</b> <i>Moderator:</i> Angela Fearnley (RED Fire Engineers and IFE Australia Vice President) Hayley Burgess (The Institution of Fire Engineers), Sabrina Cohen-Hatton (West Sussex Fire & Rescue) and Nick Linton (Institution of Fire Engineers New Zealand)
2.25pm	<b>Disability – considerations within the built environment</b> Nick Linton (Institution of Fire Engineers New Zealand)
2.55pm	<b>Changing evacuation behaviour to meet densified housing needs for our current and future population</b> Professor Daniel Nilsson (University of Canterbury)
3.30pm	<b>Using Digital Twins to Engineer Fire Stopping Solutions</b> Akshat Malhotra (Beca)
4.00pm	<b>Atlassian Central - Fire engineering in modern timber construction</b> Steve Colomb (Dexus) and Linus Lim (Holmes Australia & New Zealand)
4.30pm	Closing Ceremony 4.30pm-5.00pm

