

| | STREAM 1 (plenary) | STREAM 2 |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9.00am | Welcome | |
| 9.05am | OPENING ADDRESS Andrew Gissing – CEO, Natural Hazards Research Australia | |
| 9.25am | KEYNOTE 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 <i>Dr David Roy (Director – Center for Global Change and Earth Observations, Michigan State University)</i> | |
| 10.10am | KEYNOTE TBC <i>Professor Barbara Norman – Emeritus Professor of Urban & Regional Planning, University of Canberra</i> | |
| 10.55am | Morning Tea 10.55am – 11.30am | |
| | COLLABORATIVE APPROACHES | CAPABILITY |
| 11.30am | 'They don't get it': Identifying enablers and barriers to stronger collaborations between disaster practitioners and researchers <i>Dr Kate Brady (University of New South Wales and Australian Red Cross)</i> | Valuing and including diversity to build capability <i>Celeste Young (Victoria University) and Janine Taylor (Queensland Fire and Emergency Services)</i> |
| 11.55am | TRANSITION | |
| 12.00pm | A collaborative natural hazards research program for NSW: emergency services, government and universities innovating together <i>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)</i> | No escape: secondary emergencies in flood-isolated communities <i>Elsbeth O'Shannessy and Suede Stanton-Drudy (NSW State Emergency Service)</i> |
| 12.25pm | TRANSITION | |
| 12.30pm | Advancing disability inclusive disaster risk reduction: a collaborative framework for action <i>A/Prof Michelle Villeneuve (University of Sydney)</i> | Outside the flags – understanding mortality, behaviours and perceptions of Australian beachgoers at unpatrolled locations <i>Jaz Lawes (Surf Life Saving Australia)</i> |
| 12.55pm | TRANSITION | |
| 1.00pm | Lunch and Exhibition opening 1.00pm – 2.00pm | |
| | CLIMATE | COMMUNITY AND ENGAGEMENT |
| 2.00pm | Enhancing Australia's drought resilience: insights from the Australian climate service hazard teams <i>Dr David Hoffmann (Bureau of Meteorology)</i> | Reducing risk and increasing community resilience in CALD communities: Using technology for culturally appropriate communication <i>Dr Kate Delmo (University of Technology Sydney)</i> |
| 2.25pm | TRANSITION | |
| 2.30pm | Understanding the cost-effectiveness of bushfire management activities in a changing climate <i>Dr Jeremy Little (Department of Energy, Environment and Climate Action)</i> | Student voice, influence and leadership in school emergency management: an action research case study <i>Dr Briony Towers (LEADRRR) and Dr Erica Kuligowski (RMIT University)</i> |
| 2.55pm | TRANSITION | |
| 3.00pm | Supporting the production of decision-ready research: Establishing the NSW Bushfire and Natural Hazards Research Centre <i>Dr Charuni Pathmeswaran (Department of Climate Change, Energy, the Environment and Water)</i> | The time has come for a national approach to 'Telling Your Story Once': unveiling re- traumatisation following the 2019-2020 bushfires <i>Dr Revathi N. Krishna (Monash University)</i> |
| 3.25pm | TRANSITION | |
| 3.30pm | Afternoon Tea and Poster Viewing 3.30pm – 4.15pm | |
| 4.25pm | KEYNOTE Solving key challenges through innovation <i>Professor Hugh Durrant-Whyte, NSW Chief Scientist & Engineer, NSW Government</i> | |
| 5.10pm | CONFERENCE CLOSE (5 MINUTE TRANSITION TIME) | |
| 5.15pm | AFAC24 Welcome and Awards Ceremony | |
| 6.00pm | Welcome Function in the Exhibition – Sponsored by ISUZU Australia | |

| | STREAM 3 | INNOVATION STREAM |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9.00am | Welcome | |
| 9.05am | OPENING ADDRESS Andrew Gissing – CEO, Natural Hazards Research Australia | |
| 9.25am | KEYNOTE 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 <i>Dr David Roy (Director – Center for Global Change and Earth Observations, Michigan State University)</i> | |
| 10.10am | KEYNOTE TBC <i>Professor Barbara Norman – Emeritus Professor of Urban & Regional Planning, University of Canberra</i> | |
| 10.55am | Morning Tea 10.55am – 11.30am | |
| | BUSHFIRE AND LAND MANAGEMENT | INNOVATION – PITCHFEST |
| 11.30am | Blinded by smoke: occupational smoke exposure and eye irritation in Australian wildland firefighters <i>Sukanya Jaiswal (University of New South Wales)</i> | PITCHFEST VARIETY PACK 1 <i>Michael Kwok (Compass IoT), Craig Lucas (Hurtec), Gareth Morgan (EV Fire Protection) and Liza Gelt (Collaborative Consulting)</i> |
| 11.55am | TRANSITION | |
| 12.00pm | Towards the implementation of bark hazard within the DEECA point cloud processing hub <i>Dr Samuel Hillman (Department of Energy, Environment and Climate Action) and Thomas Gooch (OPO – Office of Planetary Observations)</i> | PITCHFEST VARIETY PACK 2 <i>Darren Besgrove (G2G), Dan Winson (Zetifi), Tat Banerjee (VideoTranslatorAI) and Aimran Akhtar (Carbonix)</i> |
| 12.25pm | TRANSITION | |
| 12.30pm | Opportunities for Expanding prescribed burn capability using remotely sensed products <i>Dr Adam Leavesley (ACT Parks and Conservation Service)</i> | PITCHFEST XPRIZE CONTENDERS <i>Preetham Akula (Akula Tech), Thomas Grubler (OroraTech) and Supratik Mukhopadhyay (Deepfire)</i> |
| 12.55pm | TRANSITION | |
| 1.00pm | Lunch and Exhibition opening 1.00pm – 2.00pm | |
| | TECHNOLOGY, TOOLS AND TRAINING | INNOVATION |
| 2.00pm | Integrating artificial intelligence and machine learning into research for critical infrastructure resilience and sustainability: insights for practitioners and academics <i>Cameron Atkinson (University of Tasmania)</i> | NSW Smart Sensing Network <i>Peter Runcie (NSW Smart Sensing Network)</i> |
| 2.25pm | TRANSITION | |
| 2.30pm | How emergency managers make decisions and use cognitive aids <i>Dr Chris Bearman (Central Queensland University)</i> | Streamlining Collaboration: Connecting Frontline Agencies with Innovators for Effective Natural Hazard Response <i>Scott Colefax (Office of the Chief Scientist NSW)</i> |
| 2.55pm | TRANSITION | |
| 3.00pm | Designing Training Scenarios – a case Study from NTFRS <i>Rachel Leigh Taylor (NT Fire and Rescue Service)</i> | WILDFIRE & AI: Unpacking responsible design, development and operationalisation of relevant artificial intelligence technologies in wildland fire management and operations <i>Elisabeth Goh (Independent Researcher)</i> |
| 3.25pm | TRANSITION | |
| 3.30pm | Afternoon Tea and Poster Viewing 3.30pm – 4.15pm | |
| 4.25pm | KEYNOTE Solving key challenges through innovation <i>Professor Hugh Durrant-Whyte, NSW Chief Scientist & Engineer, NSW Government</i> | |
| 5.10pm | CONFERENCE CLOSE (5 MINUTE TRANSITION TIME) | |
| 5.15pm | AFAC24 Welcome and Awards Ceremony | |
| 6.00pm | Delegate Welcome Function in Exhibition | |

| | STREAM 1 (plenary) | STREAM 2 |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8.30am | Opening Ceremony | |
| 9.15am | KEYNOTE Transformational Leadership: Innovation in a World of Change <i>Dr Lori Moore-Merrell, DrPH, MPH (U.S. Fire Administrator, FEMA)</i> | |
| 10.00am | KEYNOTE Recalibrating Best Practice – Aboriginality and the Fitzroy Valley Flood Recovery Working Group <i>Douglas D'Antoine (Recovery Executive Officer, Shire of Derby West Kimberley)</i> | |
| 10.45am | Morning Tea and Poster Viewing 10.45am – 11.45am | |
| | DATA | ORGANISATIONAL JOURNEYS |
| 11.55am | NERIS and the future of fire data analytics with artificial intelligence <i>Ms Rebecca Harned (Federal Emergency Management Agency/ United States Fire Administration)</i> | Building resilience, reducing impact: Australian Red Cross responses to the challenges of climate change <i>Marilee Campbell (Australian Red Cross)</i> |
| 12.20pm | TRANSITION | |
| 12.25pm | Inform and motivate firefighters to target and prioritise prevention and preparedness activities with data <i>Gary White (Fire and Rescue NSW)</i> | Innovation and resilience borne from tragedy – the journey for surf lifesavers since Black Summer <i>Cheryl McCarthy (Surf Life Saving NSW)</i> |
| 12.50pm | TRANSITION | |
| 12.55pm | Embarking on the flight data revolution <i>Grant Simpson (NSW National Parks and Wildlife Service) and Zane Vohland (Airborne Mission Systems)</i> | Beyond aeromedical: the Royal Flying Doctors Service's emergency management journey <i>Daniel Byles (Royal Flying Doctor Service WA)</i> |
| 1.20pm | TRANSITION | |
| 1.25pm | Lunch and Poster Viewing 1.25pm – 2.25pm | |
| | PANEL | YOUTH ENGAGEMENT |
| 2.35pm | Embracing our positive duty – creating workplaces that are free of sexual harassment <i>Dr Anna Cody (Australian Human Rights Commission)</i> | Volunteer leaders of the future – targeting young adult (18-30) as the solution <i>Hannah Mercer and Paul Cunningham (NSW Rural Fire Service)</i> |
| 3.00pm | | TRANSITION |
| 3.05pm | | Youth internship program: engagement tool aiming to build sustainable pathways to Emergency Services Management careers <i>Aylin Basoglu (NSW State Emergency Service)</i> |
| 3.25pm | TRANSITION | |
| 3.30pm | Afternoon Tea 3.30pm – 4.15pm | |
| | MARITIME RISK | FIRE DETECTION AND IMAGERY |
| 4.25pm | INVITED SPEAKER: Maritime Fires involving Li-Ion Batteries – Learning & Discussion <i>Captain Adrian Scales (Brookes Bell)</i> | WatchTower Cameras for Enhanced Situational Awareness and Remote Fire Detection Using AI <i>Ken Hall, Paul Mahoney (ACT Rural Fire Service) and Matthew Connolly (Watch Towers Networks, an ALERT Wildfire Company)</i> |
| 4.50pm | TRANSITION | |
| 4.55pm | Decarbonisation of the maritime industry – disrupting emergency response systems <i>Jamie Storie (Australian Maritime Safety Authority)</i> | Pretty in pink: art and aesthetic advocacy in democratising disaster science and combating climate fatigue <i>Chad Ajamian (NSW DCS Spatial Services)</i> |
| 5.20pm | CONFERENCE CLOSE | |

| | STREAM 3 | STREAM 4 |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8.30am | Opening Ceremony | |
| 9.15am | KEYNOTE Transformational Leadership: Innovation in a World of Change <i>Dr Lori Moore-Merrell, DrPH, MPH (U.S. Fire Administrator, FEMA)</i> | |
| 10.00am | KEYNOTE Recalibrating Best Practice – Aboriginality and the Fitzroy Valley Flood Recovery Working Group <i>Douglas D'Antoine (Recovery Executive Officer, Shire of Derby West Kimberley)</i> | |
| 10.45am | Morning Tea and Poster Viewing 10.45am – 11.45am | |
| | COMMUNITY ENGAGEMENT AND WARNINGS | BUSHFIRE RISK |
| 11.55am | Bushfire planning and risk reduction behaviours of older people – preparedness and community engagement insights <i>Assistant Chief Officer Alison May (South Australia Country Fire Service) and Professor Kirstin Ross (Flinders University)</i> | The Australian Fire Danger Rating System: improving the system for the future <i>Meaghan Jenkins (NSW Rural Fire Service)</i> |
| 12.20pm | TRANSITION | |
| 12.25pm | Piecing the puzzle together – using subsectors to optimise flood emergency management and warning strategies <i>Kirra Waine, Claire Flashman and Elspeth O'Shannessy (NSW State Emergency Service)</i> | A class-y approach to assessing future bushfire risk <i>Dr Naomi Bengier (Bureau of Meteorology)</i> |
| 12.50pm | TRANSITION | |
| 12.55pm | Need for speed – time critical in-language access to Emergency Management Victoria's disaster warning system <i>Marc Unsworth (DJCS) and Tea Dietterich (2M Language Services)</i> | We have a plan that helps us understand bush fire risk, how do we know if it works? <i>Susannah Bilous and Melissa O'Halloran (NSW Rural Fire Service)</i> |
| 1.20pm | TRANSITION | |
| 1.25pm | Lunch and Poster Viewing 1.25pm – 2.25pm | |
| | VOLUNTEER WORKFORCE | FLOODS FOLLOWING FIRES |
| 2.35pm | Succession planning in volunteer-based emergency services <i>Lisa Clinch and Kirsten Dudink (Country Fire Authority, Victoria)</i> | Innovating for climate resilience: development and application of the HydroFire model for post-fire risk management <i>Charlie Showers (Department of Energy, Environment and Climate Action)</i> |
| 3.00pm | TRANSITION | |
| 3.05pm | Embracing innovation and disruption: designing the future for our sector – Proud Employer Programme <i>Jon Kneebone (Fire and Emergency New Zealand)</i> | Burning issues: the impacts of bushfires on flood preparedness and response <i>Gillian Webber (NSW State Emergency Service)</i> |
| 3.25pm | TRANSITION | |
| 3.30pm | Afternoon Tea 3.30pm – 4.15pm | |
| | ENGAGEMENT WITH CHILDREN | SPARK AND BUSHFIRE FUEL |
| 4.25pm | Playdates with emergency services; in response to childhood trauma and challenges from the 2019/2020 bushfires <i>Jacklyn Roque (NSW State Emergency Service)</i> | Operational use of CSIRO Spark simulator – case studies from the NSW 2023/24 fire season <i>Geoff Goldrick (NSW Rural Fire Service)</i> |
| 4.50pm | TRANSITION | |
| 4.55pm | A totally PAWsome partnership <i>Gary White (Fire and Rescue NSW)</i> | Bush fire fuel re-accumulation after Black Summer – case studies from NSW 2023/24 fire season <i>David Field (NSW Rural Fire Service)</i> |
| 5.20pm | CONFERENCE CLOSE | |

| | |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STREAM 5 IFE AUSTRALIA | |
| 8.30am | Opening Ceremony |
| 9.15am | KEYNOTE Transformational Leadership: Innovation in a World of Change <i>Dr Lori Moore-Merrell, DrPH, MPH (U.S. Fire Administrator, FEMA)</i> |
| 10.00am | KEYNOTE Recalibrating Best Practice – Aboriginality and the Fitzroy Valley Flood Recovery Working Group <i>Douglas D'Antoine (Recovery Executive Officer, Shire of Derby West Kimberley)</i> |
| 10.45am | Morning Tea and Poster Viewing 10.45am – 11.45am |
| TBC | |
| 11.55am | IFE KEYNOTE Innovation & Disruption: The Importance of Knowledge and Collaboration <i>Commissioner Jeremy Fewtrell AFSM (Fire & Rescue NSW)</i> |
| 12.20pm | TRANSITION |
| 12.25pm | INVITED SPEAKER How Fire & Rescue NSW is adapting drone technology to keep its people safe and speed up operations <i>Russell Turner (Fire & Rescue NSW)</i> |
| 12.50pm | TRANSITION |
| 12.55pm | INVITED SPEAKER Green Horizons: Using Generative AI to converse with your environment Data Applications for Emergency Response Organisations <i>Nieves Garcia Craig Lawton (Amazon Web Services)</i> |
| 1.20pm | TRANSITION |
| 1.25pm | Lunch and Poster Viewing 1.25pm – 2.25pm |
| TBC | |
| 2.35pm | Rail Fire Emergency & FRNSW Rail Incident Response Capabilities <i>Brett Richardson (Transport for NSW) and Nick Coney (Fire & Rescue NSW)</i> |
| 3.00pm | TRANSITION |
| 3.05pm | INVITED SPEAKER Rail Tunnel Fire Safety: Multiple Trains in a Vent Section – Thinking Outside the Box <i>Craig Hiscock (Sener)</i> |
| 3.25pm | TRANSITION |
| 3.30pm | Afternoon Tea 3.30pm – 4.15pm |
| TBC | |
| 4.25pm | INVITED SPEAKER Metro Martin Place: the unique challenge of integrating station and towers <i>Dr Marianne Foley and Alan Wilson (ARUP)</i> |
| 4.50pm | TRANSITION |
| 4.55pm | INVITED SPEAKERS PFAS Blood Reduction Program <i>Krystle Mitchell (South Australian Metropolitan Fire Service) and Dr Ian Deleare (Expotox)</i> |
| 5.20pm | CONFERENCE CLOSE |

Some highlights from ADRC23



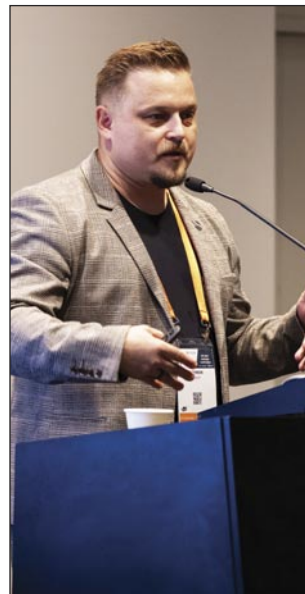
| | STREAM 6 ADRC AUSTRALIAN DISASTER RESILIENCE CONFERENCE | STREAM 7 ADRC AUSTRALIAN DISASTER RESILIENCE CONFERENCE |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8.30am | Opening Ceremony | |
| 9.15am | KEYNOTE Transformational Leadership: Innovation in a World of Change <i>Dr Lori Moore-Merrell, DrPH, MPH (U.S. Fire Administrator, FEMA)</i> | |
| 10.00am | KEYNOTE Recalibrating Best Practice – Aboriginality and the Fitzroy Valley Flood Recovery Working Group <i>Douglas D'Antoine (Recovery Executive Officer, Shire of Derby West Kimberley)</i> | |
| 10.45am | Morning Tea and Poster Viewing 10.45am – 11.45am | |
| | POLICY TO PRACTICE | SUPPORTING, PARTNERING AND EMPOWERING |
| 11.55am | Creating a more resilient future: how NSW is driving systemic disaster risk reduction at State and local level with the release of the State Disaster Mitigation Plan <i>Amanda Leck (NSW Reconstruction Authority)</i> | Recipe for resilience <i>Vanessa Inkster, Miranda Hampton, Pia Charlton and Sophie Millsteed (Adelaide Hills Council)</i> |
| 12.20pm | TRANSITION | |
| 12.25pm | TBC | Empowering youth in rural Victoria for disaster resilience: initial findings from future proof: young people, disaster recovery and (re)building communities <i>Carla Hall (Youth Affairs Council Victoria) and Fiona MacDonald (Victoria University)</i> |
| 12.50pm | TRANSITION | |
| 12.55pm | The value of resilience: lessening the risk for our community <i>Melanie de Kleyn (Ipswich City Council)</i> | TBC |
| 1.20pm | TRANSITION | |
| 1.25pm | Lunch and Poster Viewing 1.25pm – 2.25pm | |
| | LOCAL GOVERNMENT AND COMMUNITY CONNECTION | INFANTS AND CHILDREN |
| 2.35pm | Community exercises: A collaborative approach to emergency preparedness <i>Sumarlinah Winoto (Nillumbik Shire Council)</i> | Partnerships and practice guidance – supporting the workforce to respond to the unique needs of infants and children in disasters <i>Ruby Awram and Ben Rogers (Emerging Minds National Workforce Centre for Child Mental Health)</i> |
| 3.00pm | TRANSITION | |
| 3.05pm | The Coffs Coast Multi-Lingual Emergency Warnings Network; a community-government-NGO partnership for disaster communications in 22 languages <i>Luke Barbagallo, Biba Honnet, Erik Rau (City of Coffs Harbour)</i> | Bushfire babies: the Australian Breastfeeding Association's bushfire project, building disaster resilience in Eurobodalla Shire and beyond <i>Dr Michelle Hamrosi and Kate Turtiainen (Australian Breastfeeding Association)</i> |
| 3.25pm | TRANSITION | |
| 3.30pm | Afternoon Tea 3.30pm – 4.15pm | |
| | MASCULINITIES, CULTURE AND DISASTERS | SYSTEMS, COLLABORATION AND INVESTMENT |
| 4.25pm | PANEL Masculinities, culture and disaster resilience: a panel discussion <i>Bhiamie Williamson (Monash University), John Richardson (Australian Institute for Disaster Resilience), Steve O'Malley (Gender and Disaster Australia), Collin Sivalingum (Australian Red Cross), Isaia Pihō (Fire and Emergency New Zealand) and Dr Emma McNicol (Monash University)</i> | Why and how we need to investigate and strengthen the resilience of lifelines <i>Lauren Rickards (La Trobe University)</i> |
| 4.50pm | | TRANSITION |
| 4.55pm | | Making the case for climate and disaster resilience investment <i>Melinda Morris (Climate-KIC Australia)</i> |
| 5.20pm | CONFERENCE CLOSE | |

| | STREAM 1 (plenary) | STREAM 2 |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8.30am | KEYNOTE Checkmate Humanity: the how and why of Responsible AI <i>Dr Catriona Wallace (Adj. Professor – Founder, Responsible Metaverse Alliance – Shark on TV series Shark Tank Australia)</i> | |
| 9.15am | KEYNOTE Disruption as innovation: designing for risk in Australia <i>Brendan Moon AM (Coordinator General, National Emergency Management Agency)</i> | |
| 10.00am | Morning Tea and Poster Viewing 10.00am – 11.10am | |
| | CULTURE AND LEADERSHIP | ALTERNATIVE ENERGY |
| 11.20am | Leading practical, constructive and disruptive actions to accelerate gender equality <i>Kristen Hilton (formerly Victorian Equal Opportunity and Human Rights Commission)</i> | TBC |
| 11.45am | TRANSITION | |
| 11.50am | Fostering diversity and empowering women: CFA's Women in Leadership mentoring program <i>Tracey Ruse, Shandelle Ross and Kathryn Williams (Country Fire Authority, Victoria)</i> | Empowerment through education: addressing the challenges of keeping communities safe in a hydrogen future <i>Loren Tuck (Deakin University) and Cassandra Curtis (South Australian Country Fire Service)</i> |
| 12.15pm | TRANSITION | |
| 12.20pm | Cultural humility as a tool for transformative leadership in emergency management <i>Melinda McDonald (Fire and Rescue NSW)</i> | Lithium-ion batteries: warning people about the fires hiding in plain sight <i>Kelley Toy and Craig Pollock (Fire and Emergency New Zealand)</i> |
| 12.40pm | TRANSITION | |
| 12.45pm | Lunch and Poster Viewing 12.45pm – 1.45pm | |
| | CAPABILITY AND CASE STUDIES | FIRST NATIONS |
| 1.55pm | Australian Government national capability: enhancements in light of increasing consecutive, concurrent and compounding crises <i>Joe Buffone PSM (National Emergency Management Agency)</i> | A steep learning curve; applying a lessons management methodology to the Cultural Fire Program <i>David Windsor (Department of Fire and Emergency Services)</i> |
| 2.20pm | TRANSITION | |
| 2.25pm | Responding to a cyber attack in emergency services: the first 48 hours <i>Chris Moon and Steve Morgan (Fire Rescue Victoria)</i> | Planning evacuations with Indigenous communities <i>Nell Reidy (National Indigenous Disaster Resilience Program)</i> |
| 2.50pm | TRANSITION | |
| 2.55pm | Examination of the Türkiye earthquake urban search and rescue response <i>Tim Hassiotis (Fire and Rescue NSW)</i> | Supporting Nitjpurru community with emergency accommodation shelters – NT Government and NSW RFS working together <i>Heath Stimson (NSW Rural Fire Service) and Tyler Thurston (Northern Territory Government)</i> |
| 3.20pm | TRANSITION | |
| 3.30pm | CLOSING PANEL Lived experience (55 mins) | |
| 4.00pm | | |
| 4.25pm | TRANSITION | |
| 4.30pm | AFAC24 Closing Ceremony 4.30pm – 5.00pm | |

| | STREAM 3 | STREAM 4 |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8.30am | KEYNOTE Checkmate Humanity: the how and why of Responsible AI <i>Dr Catriona Wallace (Adj. Professor – Founder, Responsible Metaverse Alliance – Shark on TV series Shark Tank Australia)</i> | |
| 9.15am | KEYNOTE Disruption as innovation: designing for risk in Australia <i>Brendan Moon AM (Coordinator General, National Emergency Management Agency)</i> | |
| 10.00am | Morning Tea and Poster Viewing 10.00am – 11.10am | |
| | OPPORTUNITIES AND INNOVATION | INTELLIGENCE |
| 11.20am | TBC | Embracing new systems and technologies: an agile approach to flood and storm intelligence <i>Stephen McRobert (NSW State Emergency Service)</i> |
| 11.45am | TRANSITION | |
| 11.50am | Innovative approaches to firefighter training for 2044: a leap into the future <i>Alexandra McFadden (NSW National Parks and Wildlife Service)</i> | Athena – bushfire intelligence platform <i>Viki Campbell (NSW Rural Fire Service) and Thomas Hart (Kablamo)</i> |
| 12.15pm | TRANSITION | |
| 12.20pm | Emergency WA Hackathon – problems to prototypes <i>Kent Acott (Department of Fire and Emergency Services, WA)</i> | From tweets to tactical insights: leveraging social media for enhanced bushfire intelligence <i>Ben Shepherd (NSW Rural Fire Service) and Thomas Hart (Kablamo)</i> |
| 12.40pm | TRANSITION | |
| 12.45pm | Lunch and Poster Viewing 12.45pm – 1.45pm | |
| | NEW TOOLS AND SYSTEMS | WORK HEALTH AND SAFETY |
| 1.55pm | Policies and pacesetters: flexibility in introducing new tools in the emergency setting <i>Aaron Hughes (ACT Justice and Community Safety Directorate)</i> | Reducing cancer risk among bushfire fighters <i>Christian Bihlmaier and Simon Butt (ACT Parks and Conservation Service)</i> |
| 2.20pm | TRANSITION | |
| 2.25pm | BioResponse – a two-way communication tool during biosecurity emergencies and other hazards <i>Dr Leigh Pilkington (NSW Department of Primary Industries and Regional Development)</i> | SOLAR-m: a mobile phone ‘app’ to prevent mental injury in Fire and Rescue NSW firefighters <i>A/Prof Tracey Varker (Phoenix Australia- Centre for Posttraumatic Mental Health) and Kate Everett (Fire and Rescue NSW)</i> |
| 2.50pm | TRANSITION | |
| 2.55pm | Learnings from Introducing a Safety Management System for UAVs <i>Paul Hardy (Australian UAV Service)</i> | TBC <i>Erica van Ash</i> |
| 3.20pm | TRANSITION | |
| 3.30pm | CLOSING PANEL Lived experience (55 mins) | |
| 4.00pm | | |
| 4.25pm | TRANSITION | |
| 4.30pm | AFAC24 Closing Ceremony 4.30pm – 5.00pm | |

| | |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STREAM 5 IFE AUSTRALIA | |
| 8.30am | KEYNOTE Checkmate Humanity: the how and why of Responsible AI <i>Dr Catriona Wallace (Adj. Professor – Founder, Responsible Metaverse Alliance – Shark on TV series Shark Tank Australia)</i> |
| 9.15am | KEYNOTE Disruption as innovation: designing for risk in Australia <i>Brendan Moon AM (Coordinator General, National Emergency Management Agency)</i> |
| 10.00am | Morning Tea and Poster Viewing 10.00am – 11.10am |
| TBC | |
| 11.20am | AI for Emergency Management: Challenges and Opportunities of Next Generation Solutions <i>Dan Cotter (US Department of Homeland Security)</i> |
| 11.45am | TRANSITION |
| 11.50am | Commercial-scale Solar and BESS – Understanding hazards, and minimising risk for emergency services <i>Ivor Kades (AGL Energy)</i> |
| 12.15pm | TRANSITION |
| 12.20pm | Watt a Façade! Building Integrated Photovoltaics Approval <i>Blair Stratton (RED Engineers)</i> |
| 12.40pm | TRANSITION |
| 12.45pm | Lunch and Poster Viewing 12.45pm – 1.45pm |
| TBC | |
| 1.55pm | PANEL Who Do You Think You Are? Personal Stories of Breaking Barriers <i>Moderator: 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)</i> |
| 2.20pm | TRANSITION |
| 2.25pm | Disability confident – a shift in culture and approach for the New Zealand Institute of Fire Engineers <i>Nick Linton (Institution of Fire Engineers New Zealand)</i> |
| 2.50pm | TRANSITION |
| 2.55pm | Changing evacuation behaviour to meet densified housing needs for our current and future population <i>Professor Daniel Nilsson (University of Canterbury)</i> |
| 3.20pm | TRANSITION |
| 3.30pm | Using Digital Twins to Engineer Fire Stopping Solutions <i>Akshat Malhotra (Beca)</i> |
| 4.00pm | Atlassian Central – Fire engineering in modern timber construction <i>Steve Colomb (Dexus) and Linus Lim (Holmes Australia & New Zealand)</i> |
| 4.25pm | TRANSITION |
| 4.30pm | AFAC24 Closing Ceremony 4.30pm – 5.00pm |

Just some of the highlights from IFE23



| | STREAM 6 AUSTRALIAN DISASTER RESILIENCE CONFERENCE | STREAM 7 AUSTRALIAN DISASTER RESILIENCE CONFERENCE |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8.30am | KEYNOTE Checkmate Humanity: the how and why of Responsible AI <i>Dr Catriona Wallace (Adj. Professor – Founder, Responsible Metaverse Alliance – Shark on TV series Shark Tank Australia)</i> | |
| 9.15am | KEYNOTE Disruption as innovation: designing for risk in Australia <i>Brendan Moon AM (Coordinator General, National Emergency Management Agency)</i> | |
| 10.00am | Morning Tea and Poster Viewing 10.00am – 11.10am | |
| | COMMUNITY-LED AND PLACE-BASED | INNOVATIVE THINKING |
| 11.20am | Community-led recovery: what do we agree on, disagree on and how can we make it easier? <i>Kate Brady (University of New South Wales/Australian Red Cross/ University of Melbourne) and Dr Colin Gallagher (University of Melbourne)</i> | Locally adapted and sustainable: NEMA is leading investment into nature-based and community-oriented solutions, to improve flood mitigation and resilience across Australia. <i>Kelsey Gill (National Emergency Management Agency)</i> |
| 11.45am | TRANSITION | |
| 11.50am | Tomorrow Ready Project: a place-based, grass-roots initiative building resilience for spontaneous volunteers and disaster recovery <i>Jenni Beetson-Mortimer and Fiona Batterham (Northern Rivers Community Gateway)</i> | PANEL Learning and systems change for innovative community funding models <i>Moderator: Briony Rogers (Fire to Flourish), Lindsey Goodman, Kizzy Nye (Fire to Flourish), John Walters (Cobargo Community Development Corporation) and Sam Henderson (Northern Rivers Community Foundation)</i> |
| 12.15pm | TRANSITION | |
| 12.20pm | Place-based recovery for real – lessons from the Resilient Towns Initiative <i>David Sanderson (University of New South Wales), Andrew Rae (NSW Reconstruction Authority) and Joanne Murrell (Anglicare NSW South NSW West and ACT)</i> | |
| 12.40pm | TRANSITION | |
| 12.45pm | Lunch and Poster Viewing 12.45pm – 1.45pm | |
| | CREATIVE PRACTICES | HOUSEHOLD RESILIENCE |
| 1.55pm | Empowering communities: the role of Anglicare’s bushfire recovery program in effective rebuilding <i>Joanne Murrell, Liam McManus and Von Hutcheson (Anglicare NSW South NSW West and ACT)</i> | Home insurance affordability: drivers and policy solutions <i>Calise Liu, Sinead Keane and Saroop Philip (Finity Consulting)</i> |
| 2.20pm | TRANSITION | |
| 2.25pm | PANEL Placemaking as a catalyst for building resilience – using arts, culture and creative practices to co-design new social and spatial infrastructure for high-risk communities <i>Moderator: Nikhila Madabhushi (Monash University), Professor Mel Dodd, Roxanne Smith, Cara MacLeod and Pamela Denise (Monash University)</i> | PANEL Resilience ratings – practical adaptation technology delivering positive systems impact <i>Moderator: Crystal Fleming (Resilient Building Council), Kate Cotter (Resilient Building Council), Alix Pearce (Insurance Council of Australia) and Vanessa Beenders (Actuaries Institute of Australia)</i> |
| 3.20pm | TRANSITION | |
| 3.30pm | Future proofing Australia’s resilience <i>Duncan Sheppard (Insurance Council of Australia)</i> | 100 years of community resilience in Australia: lessons from Australian Red Cross <i>Andrew Coghlan (Australian Red Cross)</i> |
| 4.00pm | Driving systemic change in land use planning policy – the Queensland Resilience Policy Maturity Framework for Land Use Planning (GEOGRAPHIC) <i>Stephen Dredge (Meridan Urban) and Anna Nottingham (QLD Department of Housing, Local Government, Planning and Public Works)</i> | |
| 4.25pm | TRANSITION | |
| 4.30pm | AFAC24 Closing Ceremony 4.30pm – 5.00pm | |