



## Conference Program

*(subject to change)*

### Tuesday 13 May 2025

**8.00am – 12.30pm** Morning Pre-Conference Workshop: A hands-on introduction to a simple Monte Carlo engine compatible with all major Australian hydrologic models *(additional cost half day workshop)*

**12.30pm – 5.00pm** Afternoon Pre-Conference Workshop: Implementing flood research from Victoria and South Australia – the challenges and opportunities *(additional cost half day workshop)*

**5.00pm – 7.00pm** Conference Registration & Welcome Reception  
*Trade Exhibition Area*

**7.30pm – 9.30pm** YFM Function  
*Beer DeLuxe Federation Square*  
(open to all delegates registered for the Conference)

**Sponsored by**



### Wednesday 14 May 2025

**7.45am** Conference Registration, Ballroom Foyer

**8.30am – 10.05am** Session 1 – Opening Plenary  
Chair: Steve Allan  
Location: Ballroom 2 & 3

**8.40am** Welcome to Country

**8.55am** Welcome from Floodplain Management Australia  
**Sue Ribbons**, President, *Floodplain Management Australia*

**9.15am** Conference Keynote Address and Official Opening  
Flooding and the convergence of hazards  
**Brendan Moon AM**, *Coordinator-General of the National Emergency Management Agency*


**9.50am** Platinum Sponsor Address  
**Anna Lucas**, *Melbourne Water*

**9.55am** Gold Sponsor Address  
*VIC Department of Energy, Environment and Climate Action*

**10.05am – 10.35am** Morning Tea + Poster Presentations

First time conference attendees who would like to meet members of the FMA Executive please visit the FMA booth during morning tea. Councillors are also invited to visit the FMA booth to raise and discuss issues of importance to Local Government during morning tea.

<b>Session 2</b> 10.35am – 12.30pm	<b>2A: Flood policy, guidance and best practice</b>	<b>2B: Emergency preparedness, response &amp; recovery</b>	<b>2C: Social sciences, human behaviour and communication</b>	<b>2D: Managing growth and land use planning</b>
 Sponsored by: 				
<b>Location</b>	Ballroom 3	Ballroom 2	Ballroom 1	Huntingfield/Delacombe
<b>Chair:</b>	Sika Manteaw	Mike Edwards	Catherine Walker	Paul Grech
10.35am – 11.00am	The evolution of flood mapping in Melbourne: lessons learned and forward planning <b>Michael Mozina</b> <i>Melbourne Water</i>	Knowing the flood boundary: Improving timely flood extent mapping in emergency response <b>Melissa Daley</b> <i>NSW SES</i>	How can we improve community responses to flood warnings? <b>Neil Dufty</b> <i>Water Technology</i>	Risk based decision making for non-stationary flood behaviour in planning decisions <b>Rob Swan &amp; Carolyn Tsioulos</b> , <i>HARC</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
11.05am – 11.30am	\$49 million Flood Risk Management Program – 1 year to go <b>Jess Carey</b> <i>Queensland Reconstruction Authority</i>	Emergency Levees – Victoria's experience before, during and after the 2022 floods <b>Steven Muncaster</b> <i>VICSES</i>	Communication of Uncertainty across the flash flood warning value chain <b>Carla Mooney</b> <i>Bureau of Meteorology</i>	Implementing Flood Studies: Learnings from Amendment C131 to the Latrobe Planning Scheme <b>Tegan Mckenzie</b> <i>Latrobe City Council</i> <i>YFM Presenter</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
11.35am – 12.00pm	How multi-hazard Disaster Adaptation Plans can unlock regional flood risk management outcomes <b>Nerida Buckley</b> , <i>NSW Reconstruction Authority</i>	Considerations for utilising flood sirens in a Total Flood Warning System <b>Nicole Bichel</b> <i>Stantec</i>	Engaging for community action & behaviour change <b>Liz Frazer</b> <i>VICSES</i> <i>YFM Presenter</i>	Assessing flood risk for sub regional land planning in Perth <b>Terry Kefalianos</b> <i>Department of Water and Environmental Regulation</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
12.05pm – 12.30pm	Implementing the Flood Risk Management Framework in NSW <b>Duncan McLuckie</b> <i>NSW DCCEEW</i>	Piecing the puzzle together - subsectors optimising emergency management and warning strategies <b>Kirra Waine &amp; Claire Flashman</b> , <i>NSW SES</i> <i>YFM Presenters</i>	"Ground roots", really connecting with Vulnerable Communities in flood-prone areas <b>Sue Sheldrick</b> , <i>VICSES</i>	A History of Flood Planning Policy in Victoria and what comes next <b>Andy Sheehan</b> <i>Stantec</i>
<b>12.30pm – 1.30pm</b>	<b>Lunch + Poster Presentations</b>			
<b>Session 3</b> 1.30pm – 2.55pm	<b>3A: Flood policy, guidance and best practice</b>	<b>3B: Managing growth and land use planning</b>	<b>3C: New technology and research</b>	<b>3D: 10 Minute Presentations</b>
<b>Location:</b>	Ballroom 3	Ballroom 2	Ballroom 1	Huntingfield/Delacombe
<b>Chair:</b>	Patrick Paynter	Melanie Schwecke	Priyanka Wickramasuriya	Steve Allan
1.30pm – 1.55pm	So you have adopted a new flood study? Great! But what now? <b>Paul Hackney</b> <i>City of Parramatta Council</i>	Raising the flood planning level: A Hawkesbury Story <b>Colleen Haron</b> <i>Hawkesbury City Council</i> & <b>Monique Retallick</b> , <i>WMAwater</i>	Narrowing at-site flood frequency analysis using simulations from the AWRA-L landscape model <b>Julien Lerat</b> <i>CSIRO</i>	<b>1.30pm – 1.40pm</b> A review on Nature-based Solutions for catchment-scale flood mitigation <b>Prabhasri Herath</b> , <i>ANU</i> <i>YFM Presenter</i>

				<b>1.45pm – 1.55pm</b> Exploring the Role of Bathymetric Survey in Fluvial and Pluvial Flood Assessments <b>Daniel Esposito</b> <i>WMS Engineering</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
2.00pm – 2.25pm	Assessing business resilience: 2022 Northern rivers floods <b>Ken Dale</b> <i>Geoscience Australia</i>	Managing flood and climate in Melbourne: The need for integrated urban planning <b>Jessica Hellier &amp; Nicki Granek</b> <i>Melbourne Water</i> <i>YFM Presenter</i>	Embedding Innovations from Large-Scale Projects to Enhance Delivery across All Project Scales <b>Petra Neve &amp; Sophia Buchanan</b> <i>Jacobs</i> <i>International presenter</i>	<b>2.00pm – 2.10pm</b> Implementing a soil moisture monitoring network for hydrological purposes in South Australia <b>Hassan Ranjbar</b> <i>Department for Environment and Water</i>  <b>2.15pm – 2.25pm</b> A Flood Forecasting System in Your Pocket – Expanding Flood Intelligence Reach <b>Cameron Druery</b> <i>Worley</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
2.30pm – 2.55pm	Riverine, flash flooding, overland flow modelling, where should we draw the line? <b>Mahnaz Sedigh</b> <i>City of Gold Coast</i>	Assessing cascading flood hazards: a case study from Aotearoa New Zealand <b>Damian Debski</b> <i>Jacobs</i> <i>International presenter</i>	Lake MacDonald Temporary Cofferdam – Rock Bag Physical Model Testing <b>Ben Patterson</b> <i>Royal HaskoningDHV</i>	<b>2.30pm – 2.40pm</b> Flood Evacuation Model 3.0 <b>Paul Fuller</b> <i>NSW Reconstruction Authority</i>  <b>2.45pm – 2.55pm</b> Python Scripting for Workflow Efficiency with GitHub Copilot and AI-Driven Tools <b>Elliot Jones</b> <i>Arup</i> <i>YFM Presenter</i>
<b>3.05pm – 5.30pm</b>				
<b>Session 4 - Field Trips</b>				
Field trips will depart from 3.05pm (sharp) and will return approximately 5.30pm, afternoon tea is included on all tours.				
<b>Close of Day One</b>				
7.00pm – 10.00pm	<b>Casual Dinner</b> <i>The Australian Sports Museum, Melbourne Cricket Ground</i> Sponsored by 			

Thursday 15 May 2025


8.00am

Conference Registration, Ballroom Foyer

Session 5 8.30am – 10.25am	5A: Flood policy, guidance and best practice	5B: Infrastructure projects and asset management	5C: Modelling and flood data	5D: 10 Minutes
<b>Location:</b>	Ballroom 3	Ballroom 2	Ballroom 1	Huntingfield/Delacombe
<b>Chair:</b>	William Prentice	Allan Gear	Josh Eggleton	Ben Tate
8.30am – 8.55am	Shelter-in-place guideline for flash flooding - NSW land use planning guideline <b>Melanie Schwecke</b> NSW DPHI	The True Cost of Natural and Beneficial Functions <b>Scott Blossom</b> <i>Blossom Consulting and Engineering</i> International presenter	Is continuous simulation an overlooked modelling technique for floodplain management? <b>Prawi Woods</b> <i>Alluvium Consulting</i> YFM Presenter	8.30am – 8.40am Flood Knows No Boundaries, and Neither Does AI <b>Blake Marxsen</b> <i>Colliers</i> YFM Presenter 8.45am – 8.55am Potential Application of Artificial Intelligence in Flood Operations for Regulated Water Storages <b>Md Atiquzzaman</b> <i>WaterNSW</i>
5 minute	Changeover	Changeover	Changeover	Changeover
9.00am – 9.25am	Flood Risk Awareness and Preparedness: Understanding regional similarities and differences <b>Rachel Pagitz &amp; Tara Venturini</b> <i>NSW Reconstruction Authority</i>	Modern solutions to flood protection infrastructure – Rangitāiki River floodway and spillway <b>Niroy Sumeran</b> <i>Bay of Plenty Regional Council</i> International presenter YFM Presenter	With limited time, how do we select which flood events to simulate? <b>Niels Fraehr</b> <i>Jacobs</i> YFM Presenter	9.00am – 9.10am Evaluation and Testing of Enviromon Alternative for Flood Warning Intelligence <b>Elton Chong</b> <i>City of Moreton Bay</i> 9.15am – 9.25am Access All Areas- Evolution of The Somerset RC Community Flood Information Portal <b>Trent Laves,</b> <i>Worley</i> YFM Presenter
5 minute	Changeover	Changeover	Changeover	Changeover
9.30am – 9.55am	9.30am – 10.25am Enduring Resilience for Queenslanders – The Resilient Homes Fund <b>Sam Bowstead</b> <i>Resilient Homes Fund, Department of Housing and Public Works</i> & <b>Vina Varsani,</b> <i>Queensland Reconstruction Authority</i>	Transforming Te Awa Kairangi/Hutt River – More than Meets the Eyes <b>Sharyn Westlake</b> <i>Greater Wellington Regional Council</i> International presenter	Beyond Monaco: Monte Carlo analysis for application to Australian hydrologic models <b>Chris Ryan</b> Catchment Simulation Solutions	9.30am – 9.40am Upgrading the Longest Levee in Sydney You've Never Heard of-St Marys Levee <b>Monica Laut</b> <i>Royal HaskoningDHV</i> YFM Presenter 9.45am – 9.55am Fitzroy Bridge Replacement Design and Construction <b>Sima Safarkhani,</b> <i>BG&amp;E</i>

5 minute		<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
10.00am – 10.25am		Making Room for the Ōtākaro Avon River – A Post Earthquake Story <b>Tom Parsons</b> <i>Storm Environmental International presenter</i>	Simplifying the Joint Probability Approach for Estimating Concurrent Rainfall AEPs <b>Ash Rasheed</b> <i>HARC YFM Presenter</i>	10.00am – 10.10am Assessing the longevity of traditional hydrologic modelling tools in Australia <b>Sophia Buchanan Jacobs</b> 10.15am – 10.25am Private Property, Public Approval: The Challenge and Cost of River Views <b>Andrew Morris</b> <i>Royal HaskoningDHV</i>
10.25am – 10.55am	Morning Tea + Poster Presentations			
10.55am – 12.15pm	Session 6 – Plenary Chair: Steve Allan Location: Ballroom 2 & 3			
10.55am	Welcome to Day Two			
11.00am	Silver Sponsor Address <i>NSW Department of Climate Change, Energy, the Environment and Water</i>			
11.05am	Australia and New Zealand Updates 2025			
11.55am	Silver Sponsor Address <b>Vina Varsani</b> , <i>Queensland Reconstruction Authority</i>			
12.00pm	St Josephs Catholic Primary School STEM Eugowra Flood Warning System <i>supported by NSW Reconstruction Authority and Rhelm</i> <b>Zac &amp; Sam</b> , <i>St Josephs Catholic Primary School</i>			
12.15pm – 1.10pm	Lunch + Poster Presentations			
Session 7 1.10pm – 3.05pm	7A: Infrastructure projects and asset management	7B: Council flood case studies and stories	7C: Environmental aspects, climate change, coastal hazards & adaptation	7D: 10 Minute Presentations
<b>Location:</b>	Ballroom 3	Ballroom 2	Ballroom 1	Huntingfield/Delacombe
<b>Chair:</b>	Mahnaz Sedigh	Ella Harrison	Jess Carey	Lisa Holden
1.10pm – 1.35pm	Levees, where art thou? <b>James McMillan</b> <i>Streamology YFM Presenter</i>	Lismore Flood – Then and Now <b>Steve Krieg</b> <i>Lismore City Council</i>	The Crystal Ball- Past studies informing future decisions in a changing climate <b>Eliza Towndrow</b> <i>WMAwater &amp; Raymond Laine, NSW DCCEEW</i>	1.10pm – 1.20pm Whole of Catchment Flood Modelling for Greater Melbourne to Improve Emergency Preparedness <b>Ross Butler</b> <i>VICSES</i> 1.25pm – 1.35pm Flood Risk Management Plan for a Remote, Cyclone-prone Community <b>Lauchlan Bye</b> , <i>JB Pacific</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>

1.40pm – 2.05pm	Turning the Line into a Levee <b>Ed Henty</b> <i>Dryside Engineering</i>	Remote Flood Monitoring and Warning System in Quilpie Shire <b>Eng Lim</b> <i>Quilpie Shire Council</i>	Flood to Flourish: Collaborating for community-led flood resilience <b>Adriana Keating</b> <i>Monash Sustainable Development Institute</i>	1.40pm – 1.50pm To Block or not to Block - that is the question <b>Angela Halcrow</b> <i>NSW DCCEW</i> 1.55pm – 2.05pm Developing Exposure databases for future time horizons in the Hawkesbury-Nepean Valley <b>Stephen Yeo,</b> <i>NSW Reconstruction Authority</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
2.10pm – 2.35pm	Fighting the Markham – Flood Defences in PNG <b>Alan Rotsey</b> <i>Royal HaskoningDHV</i>	Analysing the Broader Risks of Publicising Flood Information: A Council Case Study <b>Naomi Harris</b> <i>Blacktown City Council</i> YFM Presenter	Are our coastal floodplain management assumptions changing with the climate? <b>Michael South</b> <i>Venant Solutions</i>	2.10pm – 2.20pm The Wallis Creek heavy rainfall and inundation event July 2022 <b>Carlos Velasco-Forero</b> <i>Bureau of Meteorology</i> 2.25pm – 2.35pm <i>The Hazards Insurance Partnership: addressing the insurance protection gap in Australia</i> <b>Henry Zovaro</b> <i>National Emergency Management Agency</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
2.40pm – 3.05pm	How do we justify flood impacts from transport infrastructure? <b>Greg Roads</b> <i>WRM Water and Environment</i>	Managing Launceston's Floodplain: Past Lessons, Current Challenges, Future Actions <b>Erica Deegan</b> <i>City of Launceston</i> YFM Presenter	Revitalising Forest Creek: A collaborative Approach to Sustainable Floodplain Management <b>Alex Simmons</b> <i>SWM Consulting</i> YFM Presenter	2.40pm – 2.50pm Breaking Planning Amendment Boundaries between Flood Studies and Planning Schemes in Victoria <b>Amy Bell,</b> <i>North Central CMA &amp;</i> <b>Nathan Lord,</b> <i>Mount Alexander Shire Council</i> 2.55pm – 3.05pm Stakeholder driven insights for enhancing flood information management in South Australia <b>Ingrid Franssen</b> <i>Department for Environment and Water</i>
3.05pm – 3.35pm	Afternoon Tea + Poster Presentations			

Session 8 3.35pm – 5.30pm	<b>FMA Annual General Meeting</b> <b>Location: Ballroom 3</b>	
	<b>FMA Annual General Meeting - “All FMA Members please attend”</b>	
	<b>Close of Day Two</b>	
7.00pm – 11.30pm	<b>Conference Dinner &amp; Floodplain Management Australia IAG Excellence Awards</b> <i>Grand Ballroom, Pullman Melbourne on the Park</i>	 <b>Royal HaskoningDHV</b> <i>Enhancing Society Together</i>

## Friday 16 May 2025

**8.00am** Conference Registration, Ballroom Foyer

**8.30am – 9.50am** Session 9 – Plenary  
Chair: Steve Allan  
Location: Ballroom 2 & 3

8.30am Welcome to Day Three

8.35am Presentation by Winner of FMA - IAG Flood Risk Management Project of the Year Award

8.50am Silver Sponsor Address  
**Nicole Hogan**, Assistant Commissioner of Emergency Management, NSW State Emergency Service

8.55am Conference Keynote Address  
Culturally reconstructing floods: Embracing Indigenous perspectives to enrich disaster discourses  
**Dr Bhiemie Williamson**, Monash University

9.35am Silver Sponsor Address  
**Warwick Bishop**, Water Technology

9.40am 2026 FMA National Conference Announcement

**9.50am – 10.20am** Morning Tea + Poster Presentations

Session 10 10.20am – 12.15pm	10A: Flood policy, guidance and best practice	10B: Modelling ARR	10C: Emergency preparedness, response & recovery	10D: Infrastructure projects and asset management
<b>Location:</b>	Ballroom 3	Ballroom 2	Ballroom 1	Huntingfield/Delacombe
<b>Chair:</b>	Shaun Morgan	Alex Simmons	Melanie Gill	Sharyn Westlake
10.20am – 10.45am	Hurricane Helene: Impacts, Challenges, and Breaking the Damage Rebuild Damage Cycle <b>Doug Bellomo</b> AECOM International presenter	Improving flood frequency analysis by estimating empirical regional priors <b>Harrison Babister</b> WMAwater	Where is the floodway? Testing the Indicator Technique in Urban Floodplains <b>Louise Collier</b> Rhelm	Securing, Simplifying and Upgrading Australia's Flood Infrastructure Network <b>Ella Harrison</b> Bureau of Meteorology
5 minute	Changeover	Changeover	Changeover	Changeover
10.50am – 11.15am	Development and Application of an Urban Flood Risk Index <b>Markus Eder</b> WMAwater YFM Presenter	The area that ARR forgot: AI-based best practices for ephemeral lake hydrology <b>Krey Price</b> Surface Water Solutions	Regional Flood Evacuation: Can it be done? <b>Steven Molino &amp; Rhannon Garrett</b> Water Technology	Better Road Performance - The voyage can educate everyone <b>Anthony Densten</b> SMEC
5 minute	Changeover	Changeover	Changeover	Changeover
11.20am – 11.45am	Ensemble modelling: selecting a single output <b>Tony Ladson</b> Moroka	What ARR we to do about climate change? <b>Ben Tate</b> Water Technology	The Power of Real-Time Impact Analytics for Flood Emergency Management <b>Juan Ossa-Moreno</b> , Floodmapp YFM Presenter	Complexities of delivering flood mitigation at scale; A Central Victorian case study <b>Priyanka Wickramasuriya</b> , Stantec YFM Presenter
5 minute	Changeover	Changeover	Changeover	Changeover



11.50am – 12.15pm	Flood Risk to Life Tolerability: What do we know? <b>Rhiannon Garrett &amp; Filippo Dall'osso</b> <i>Water Technology</i> YFM Presenter	Implications of the New ARR Climate Change Factors on Flood Estimation <b>Janaka Gunawardena</b> <i>Logan City Council</i>	How to develop Emergency Plans for sites affected by Multiple Food Mechanisms <b>Alireza Pouya, BMT</b>	Floodways and flooded roads – are we sending mixed messages to drivers? <b>Daniel Sheehy, WRM</b> <i>Water &amp; Environment</i>
<b>12.15pm – 1.05pm</b> Lunch + Poster Presentations				
<b>Session 11</b> 1.05pm – 3.00pm	<b>11A: Infrastructure projects and asset management</b>	<b>11B: Social sciences, human behaviour and communication</b>	<b>11C: Flood policy, guidance and best practice</b>	<b>11D: 10 Minute Presentations</b>
<b>Location:</b>	Ballroom 3	Ballroom 2	Ballroom 1	Huntingfield/Delacombe
<b>Chair:</b>	Sue Ribbons	Ramon Strong	Joel Leister	Danny Rose
1.05pm – 1.30pm	What the 2022 NSW Floods Taught Us About Building Stability <b>Rhys Thomson</b> <i>Rhelm</i>	Using Flood Risk Evidence to Drive Transformative Recovery in Indigenous Communities <b>Stephen Dredge</b> <i>Meridian Urban</i>	A new approach to Flood Mitigation Assessment <b>Alice Lisitsa</b> <i>BG&amp;E</i> YFM Presenter	1.05pm – 1.15pm Hydrological Analysis of a catchment using RORB, RRR and HEC-HMS Models <b>Jotinder Singh,</b> <i>University of South Australia</i> YFM Presenter
				1.20pm – 1.30pm Challenges of urban flood modelling – lessons we are learning <b>Suresh Hettiarachchi</b> <i>Alluvium</i>
5 minute	Changeover	Changeover	Changeover	Changeover
1.35pm – 2.00pm	Extending Geoscience Australia's suite of flood vulnerability models <b>Ken Dale</b> <i>Geoscience Australia</i>	Australia's Riverine Flood Seasonal Outlook – Challenges in the public's understanding <b>Steven Muncaster</b> <i>Victoria State Emergency Service</i>	Tasmanian flood planning informed by statewide flood mapping and stakeholder collaboration <b>Emma Maratea, Rhelm</b>	1.35pm – 1.45pm Urban-Coastal Flood Assessment using 1D-2D Coupled Modelling and GIS-Based F2F Dashboard for Decision Support System <b>Dhruvesh Patel,</b> <i>Pandit Deendayal Energy University</i> International presenter
				1.50pm – 2.00pm How can the model be wrong - I validated it <b>Glenn Mansell,</b> <i>Stantec</i>
5 minute	Changeover	Changeover	Changeover	Changeover
2.05pm – 2.30pm	Resilient buildings - practical city responses to a changing climate. <b>Phil Young</b> <i>Brisbane City Council</i>	Improving flood knowledge and practices in Fiji through enhanced engagement <b>Tom Stewart</b> <i>Alluvium Consulting</i>	Functional Floodplain Mapping Across an LGA: Automation, Challenges, and Planning Benefits <b>Donnie Carroll</b> <i>DCPM</i>	2.05pm – 2.15pm How much is too much or too little when filtering results? <b>Eoghain O'Hanlon</b> <i>JB Pacific</i>

				<p>2.20pm – 2.30pm</p> <p>Investigating Implications of Updated Climate Change Considerations in Australian Rainfall and Runoff</p> <p><b>Rachel Allen,</b> <i>Jacobs</i> YFM Presenter</p>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
2.35pm – 3.00pm	<p>Disaster insurance market in NSW: perceptions, preferences and supply</p> <p><b>Ignatius Forbes</b> <i>NSW Reconstruction Authority</i> YFM Presenter</p>	<p>Growing Back Better: Post-Flood Recovery in Queensland Primary Production</p> <p><b>Saba Sinai</b> <i>CQUniversity</i> YFM Presenter</p>	<p>Analysing and funding flood mitigation for multiple benefits – an International perspective</p> <p><b>Cathryn Spence,</b> <i>AECOM</i></p>	<p>2.35pm – 2.45pm</p> <p>Adapting to ARR Climate Change Updates During A Flood Study Program</p> <p><b>Thomas Ward,</b> <i>KBR</i> YFM Presenter</p>
				<p>2.50pm – 3.00pm</p> <p>The Power of Long-Term Hourly Data: Validating URBS 64-bit using FFA</p> <p><b>Lindsay Millard,</b> <i>WRM</i> <i>Water &amp; Environment</i></p>
<p>3.00pm – 3.30pm      Conference Wrap Up with Afternoon Tea - <i>Ballroom Foyer</i></p>				

## POSTER PRESENTATIONS

Posters are displayed in the Stradbroke Room and available for the duration of the conference. Authors will be available at their poster to discuss and give a short presentation at the following times:

<b>Morning Tea – Wednesday 14 May 2025</b>		
<b>1</b>	10.15am	Managing Flood Recovery through Integrated Digital Solutions <b>Julian Brangwynne-Smith, AECOM</b>
<b>2</b>	10.18am	Flood Mapping Partnerships - Shaping Flood Resilience Together <b>Damien D'aspromonte, Foresight Advisory</b>
<b>3</b>	10.21am	Challenges of large-scale direct rainfall modelling in North West Tasmania <b>Thomas Rundle, Entura</b>
<b>4</b>	10.24am	Developing a national-scale methodology for exploring long-term investment in flood risk management <b>Petra Neve, Jacobs</b>

<b>Lunch – Wednesday 14 May 2025</b>		
<b>5</b>	12.45pm	VICSES Local Flood Guides as community intelligence tools <b>Liz Frazer, VICSES</b>
<b>6</b>	12.48pm	Floods Know No Boundaries, but they do respect the Boxwall Flood Barrier <b>Paul Hart, Bluemont</b>
<b>7</b>	12.51pm	Use of historical aerial imagery to explain overland flow to the public <b>Paul Hackney, Parramatta City Council</b>
<b>8</b>	12.54pm	Understanding historic patterns and potential flooding for the Hunter Valley <b>Monique Retallick, WMAwater &amp; Catherine Pepper, Maitland City Council</b>
<b>9</b>	12.57pm	Building Resilience: Harnessing Location Intelligence for Flood Risk Mitigation <b>Stuart Barclay, Geoscape Australia</b>
<b>10</b>	1.00pm	Embracing Innovation: HydroNET and the Future of Floodplain Management <b>Brian Jackson, Water Technology</b>
<b>11</b>	1.03pm	Cost benefit analysis of flood pump behind a levee - Case Study <b>Manoj Shrestha, Stantec</b>
<b>12</b>	1.06pm	Improving collaboration on our Flood Impact Goals <b>Ivan Varga, BG&amp;E</b>
<b>13</b>	1.09pm	Reliable observational data collection. Laying the foundations for effective flood warning systems <b>Baden Corr, Hydro Tasmania</b>
<b>14 Hard Copy</b>	1.12pm	Improving the Mōuri of Te Awa Kairangi/Hutt River through Bioengineering <b>Sharyn Westlake, Greater Wellington Regional Council</b>

Morning Tea – Thursday 15 May 2025		
15	10.35am	Disaster adaptation opportunities in NSW flood-related planning requirements for flood emergency response <b>Alireza Pouya, BMT</b>
16	10.38am	Selection of Optimal flood protection standard for Singapore's coastline <b>Ben Patterson, Royal HaskoningDHV</b>
17	10.41am	Risk based land use planning approach to flooding in NSW <b>Sally Anderson, NSW DPHI</b>

Lunch – Thursday 15 May 2025		
18	12.30pm	Enhancing Dam Safety in Tasmania: Modelling and Mapping for 37 Emergency Plans <b>Rohan Hudson, Entura</b>
19	12.33pm	Coincident flood analysis from extreme storms for NSW rural dams risk assessment <b>Yiliang Du, WaterNSW</b>
20	12.36pm	Assessing impacts of dam and water harvesting on floodplain inundation <b>Fazlul Karim, CSIRO</b>
21	12.39pm	Dam break modelling in a multi-dam river system <b>Tom Rundle, Entura</b>
22	12.42pm	Exploring Beyond Flooding Boundaries Using CFD <b>Mehrnaz Ghaheri, WMS Engineering</b>
23	12.45pm	Visually conveying hydrologic uncertainty <b>Lindsay Millard, WRM Water &amp; Environment</b>
24	12.48pm	Stop the Guestimation: Re-interpolation of hydrodynamic flood models to understand flood consequences <b>Melissa Daley, NSW SES</b>
25	12.51pm	Approaches to check the reliability of rating curves <b>Sadjad Mehdizadeh, Melbourne Water</b>
27	12.54pm	Improved hydraulic model development for environmental flows in the Mid-Murrumbidgee River, NSW <b>Gurmeet Singh, WaterNSW</b>

Afternoon Tea – Thursday 15 May		
28	3.15pm	Lightning-fast method for approximate flood hazard assessment in the Richmond floodplain <b>Julien Lerat, CSIRO</b>
29	3.18pm	Critical duration assessment for a municipality wide flood mapping update <b>Zaki Matar, KBR</b>
30	3.21pm	Reducing data uncertainty in flood early warning in Fiji <b>Tom Stewart, Alluvium Consulting</b>

Morning Tea – Friday 16 May		
31	10.00am	Why we need to rethink floodplain management to address a changing climate <b>Sureash Hettiarachchi, <i>Alluvium</i></b>
32	10.03am	Case Study: Moulamein Flood Model Update and Calibration to 2022 Event <b>Amanda Tobias, <i>WMS Engineering</i></b>
33	10.06am	AI-Driven Analysis of Climate Drivers for Streamflow Forecasting and Flood Risk Management <b>Sabrina Bani, <i>Melbourne Water</i></b>
34	10.09am	Crossing Boundaries: Advancing Flood Mapping with Whole-of-Catchment Modelling: Yarra River “Birrarung” Floodplain <b>Johanna Theilemann, <i>Water Technology</i></b>
Lunch – Friday 16 May 2025		
35	12.35pm	Melbourne Water's Flood Mapping Program; Enhanced Approaches to Project & Program Delivery <b>Johan Veldema, <i>Foresight Advisory</i></b>
36	12.38pm	A 4-staged approach to build a flood mitigation program of works <b>Angels Cabello Gomez, <i>Melbourne Water</i></b>
37	12.41pm	The impacts of the Koorangah Flats on developing a flood warning Service <b>Rob Guest, <i>Stantec</i></b>
	12.44pm	From connection to engagement: community connectedness in urban flood risk management <b>Gwen Lynch, <i>The University of Melbourne</i></b> <b><i>WITHDRAWN</i></b>
38	12.47pm	Yes or no – Use of probabilistic forecasts in binary emergency decision-making <b>Steve Muncaster, <i>VICSES</i></b>