



## 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

Session 2 10.35am – 12.30pm	2A: Flood policy, guidance and best practice	2B: Emergency preparedness, response & recovery	2C: Social sciences, human behaviour and communication	2D: Managing growth and land use planning
 Sponsored by: <b>VICTORIA</b> State Government   Energy, Environment and Climate Action				
<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>Sina Akram</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 Lunch + Poster Presentations</b>				
Session 3 1.30pm – 2.55pm	3A: Flood policy, guidance and best practice	3B: Managing growth and land use planning	3C: New technology and research	3D: 10 Minute Presentations
<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>YFM Presenter</i> & <b>Roslyn Prinsley</b> <i>ANU</i>

				1.45pm – 1.55pm 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> YFM Presenter	Embedding Innovations from Large-Scale Projects to Enhance Delivery across All Project Scales <b>Adam Parkes</b> <i>Jacobs</i> International presenter	2.00pm – 2.10pm Implementing a soil moisture monitoring network for hydrological purposes in South Australia <b>Hassan Ranjbar</b> <i>Department for Environment and Water</i>
				2.15pm – 2.25pm 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> International presenter	Lake MacDonalad Temporary Cofferd Dam – Rock Bag Physical Model Testing <b>Ben Patterson</b> <i>Royal HaskoingDHV</i>	2.30pm – 2.40pm Flood Evacuation Model 3.0 <b>Paul Fuller</b> <i>NSW Reconstruction Authority</i>
				2.45pm – 2.55pm Python Scripting for Workflow Efficiency with GitHub Copilot and AI-Driven Tools <b>Elliot Jones</b> <i>Arup</i> YFM Presenter
<b>3.05pm – 5.30pm</b> <span style="float: right;"><b>Session 4 - Field Trips</b></span>				
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>				
<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 Schewecke</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> WMS YFM Presenter 8.45am – 8.55am Potential Application of Artificial Intelligence in Flood Operations for Regulated Water Storages <b>Md Atiqzaman</b> WaterNSW
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
9.00am – 9.25am	Flood Risk Awareness and Preparedness: Understanding regional similarities and differences <b>Rachel Pagitz &amp; Tara Venturini</b> NSW Reconstruction Authority	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 Environon 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	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
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 &amp; Vina Varsani,</i> Queensland Reconstruction Authority <i>Changeover</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> BG&E

5 minute		<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
		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>	<b>10.00am – 10.10am</b> Assessing the longevity of traditional hydrologic modelling tools in Australia <b>Sophia Buchanan Jacobs</b>
				<b>10.15am – 10.25am</b> Private Property, Public Approval: The Challenge and Cost of River Views <b>Andrew Morris</b> <i>Royal HaskoningDHV</i>
<b>10.25am – 10.55am</b> Morning Tea + Poster Presentations				
<b>10.55am – 12.15pm</b> 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>			
<b>12.15pm – 1.10pm</b> Lunch + Poster Presentations				
<b>Session 7</b> 1.10pm – 3.05pm	<b>7A: Infrastructure projects and asset management</b>	<b>7B: Council flood case studies and stories</b>	<b>7C: Environmental aspects, climate change, coastal hazards &amp; adaptation</b>	<b>7D: 10 Minute Presentations</b>
<b>Location:</b>	Ballroom 3	Ballroom 2	Ballroom 1	Huntingfield/Delacombe
<b>Chair:</b>	Mahnaz Sedigh	Greg Scroope	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 Kreig</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>	<b>1.10pm – 1.20pm</b> Whole of Catchment Flood Modelling for Greater Melbourne to Improve Emergency Preparedness <b>Ross Butler</b> <i>VICSES</i>
				<b>1.25pm – 1.35pm</b> 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 DCCEEW</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>Myles Fauser</b> <i>Department for Environment and Water</i> YFM Presenter
3.05pm – 3.35pm	Afternoon Tea + Poster Presentations			

<b>Session 8</b> 3.35pm – 5.30pm	<b>FMA Annual General Meeting</b> Location: Ballroom 3
	<b>FMA Annual General Meeting - "All FMA Members please attend"</b>
	<b>Close of Day Two</b>
7.00pm – 11.30pm	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <b>Conference Dinner &amp; Floodplain Management Australia IAG  Excellence Awards</b>  <i>Grand Ballroom, Pullman Melbourne on the Park</i> </div> <div style="text-align: right;">  <p><b>Royal HaskoningDHV</b> <i>Enhancing Society Together</i></p> </div> </div>

## 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 Bhamie 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>Mark 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</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</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 Flood 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 Lunch + Poster Presentations</b>				
<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	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
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	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
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>WRM 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:

### Morning Tea – Wednesday 14 May 2025

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

### Lunch – Wednesday 14 May 2025

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

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

### Lunch – Thursday 15 May 2025

12.30pm	Enhancing Dam Safety in Tasmania: Modelling and Mapping for 37 Emergency Plans <b>Rohan Hudson, Entura</b>
12.33pm	Coincident flood analysis from extreme storms for NSW rural dams risk assessment <b>Yiliang Du, WaterNSW</b>
12.36pm	Assessing impacts of dam and water harvesting on floodplain inundation <b>Fazlul Karim, CSIRO</b>
12.39pm	Dam break modelling in a multi-dam river system <b>Tom Rundle, Entura</b>
12.42pm	Exploring Beyond Flooding Boundaries Using CFD <b>Mehrnaz Ghaheri, WMS Engineering</b>
12.45pm	Visually conveying hydrologic uncertainty <b>Lindsay Millard, WRM Water &amp; Environment</b>
12.48pm	Stop the Guestimation: Re-interpolation of hydrodynamic flood models to understand flood consequences <b>Melissa Daley, NSW SES</b>
12.51pm	Approaches to check the reliability of rating curves <b>Sadjad Mehdizadeh, Melbourne Water</b>
12.54pm	Overview of Hydraulic Models Developed for NSW Southern Rural Floodplain Management Plans <b>Banu Hazarti, NSW DCCEEW – Water Group</b>
12.57pm	Improved hydraulic model development for environmental flows in the Mid-Murrumbidgee River, NSW <b>Gurmeet Singh, WaterNSW</b>

### Afternoon Tea – Thursday 15 May

3.15pm	Lightning-fast method for approximate flood hazard assessment in the Richmond floodplain <b>Julien Lerat, CSIRO</b>
3.18pm	Kananook Creek Flood Mapping Update to ARR 2019 methodology <b>Zaki Matar, KBR</b>
3.21pm	Reducing data uncertainty in flood early warning in Fiji <b>Tom Stewart, Alluvium Consulting</b>

### Morning Tea – Friday 16 May

10.00am	Why we need to rethink floodplain management to address a changing climate <b>Sureash Hettiarachchi, Alluvium</b>
10.03am	Case Study: Moulamein Flood Model Update and Calibration to 2022 Event <b>Amanda Tobias, WMS Engineering</b>
10.06am	AI-Driven Analysis of Climate Drivers for Streamflow Forecasting and Flood Risk Management <b>Sabrina Bani, Melbourne Water</b>
10.09am	Crossing Boundaries: Advancing Flood Mapping with Whole-of-Catchment Modelling: Yarra River “Birrarung” Floodplain <b>Johanna Theilemann, Water Technology</b>

<b>Lunch – Friday 16 May 2025</b>	
12.35pm	Melbourne Water's Flood Mapping Program; Enhanced Approaches to Project & Program Delivery <b>Johan Veldema, Foresight Advisory</b>
12.38pm	A 4-staged approach to build a flood mitigation program of works <b>Angels Cabello Gomez, Melbourne Water</b>
12.41pm	The impacts of the Koorangah Flats on developing a flood warning Service <b>Rob Guest, Stantec</b>
12.44pm	From connection to engagement: community connectedness in urban flood risk management <b>Gwen Lynch, The University of Melbourne</b>
12.47pm	Yes or no – Use of probabilistic forecasts in binary emergency decision-making <b>Steve Muncaster, VICSES</b>