



(correct at 3rd May 2021, subject to change)

Tuesday 25th May 2021

Pre-Conference Dinner

Face to Face Dinner in Brisbane and Sydney

Brisbane Function Sponsored by BMT

Wednesday 26th May 2021

Session 1

10.00am-11.20am

Session 1 - Plenary

10.00am	MC Welcome & Acknowledgment of Country
10.05am	Welcome from Floodplain Management Australia <i>Ian Dinham, President, Floodplain Management Australia</i>
10.20am	Platinum Sponsor Address
10.25am	Minister Address
10.40am	Keynote Address

11.20am – 11.30am **Short Break + Sponsor Videos**

Session 2

11.30am – 1.00pm

2A: Flood Policy, Guidance and Best Practice

2B: Modelling

2C: Emergency Preparedness, Response and Recovery

11.30am – 12.00pm	Application of Best Practice Floodplain Management from Strategic Planning to Localised Flood Mitigation: A Comparison of National and International Approaches William Prentice, <i>Jeremy Benn Pacific</i>	Drivers of Flooding in the Hawkesbury Mark Babister, <i>WMAwater</i>	How an App is Helping to Gather Local Flood Information and Intelligence Jo Kegg, <i>Victoria State Emergency Service</i>
12.00pm – 12.30pm	Development of National Messaging for Flood Safety Mel Taylor, <i>Macquarie University</i>	What is the Flood Risk? Mapping the 1%AEP Flood Depth Across SA Belinda Skilton, <i>Department for Environment and Water SA</i>	Presentation TBC
12.30pm – 1.00pm	A Risk-based Approach to Contemplating the F-word (freeboard) Portia Rigby, <i>Moreton Bay Regional Council</i>	Rapid Flood Risk Assessments: the High-value, Low-cost Solution Camille White, <i>North Central Catchment Management Authority</i> & Andrew Northfield, <i>HARC</i>	Going from “Prevention” to “Managing the Consequences” – Having a Consequence Management Plan Fred Spain, <i>NSW Public Works Advisory</i>

1.00pm – 1.30pm

Lunch & Poster Presentations

Session 3 1.30pm – 3.00pm		3A: NSW Department of Planning, Industry and Environment	3B: Data, Devices and Information Management	3C: 10 Minute Presentations - Modelling
1.30pm – 2.00pm	NSW Floodplain Development Manual Duncan McLuckie, <i>Department of Planning, Industry and Environment</i>	Smart Stormwater and Flash Flood Risk Management in the Illawarra Shoalhaven Isabelle Ghetti & Motiur Rahman, <i>Wollongong City Council</i>	Northland Regional Council Flood Modelling Using Rain-on-Grid (Sub Grid Sampling) Lachlan Inglis, <i>Water Technology Pty Ltd</i>	
				10 Minute Presentation TBA
2.00pm – 2.30pm	NSW Floodplain Development Manual Toolkit Duncan McLuckie, <i>Department of Planning, Industry and Environment</i>	Application of Generalised Building Vulnerability Curves in Flood Prone Communities Tariq Maqsood, <i>RMIT University</i>	Extreme Design Hydrology - Lessons Learnt During 2020 Revisions Lucas Hughes, <i>Sunwater</i> <i>Young Floodplain Managers Member</i>	
				A Better Understanding of Losses in an Urban Catchment Through Continuous Simulation Iain Brown, USQ
2.30pm – 3.00pm	Flood Damages – A New Tool for NSW Rhys Thomson, <i>Rhelm</i>	Leveraging The Cloud For Enhanced Communication of Flood Risk – The COVID19 Legacy Cameron Druery, <i>Worley</i>	Real-time Flood Models Coupled with WAZE for Live Road Closures and Traffic Routing Juliette Murphy <i>FloodMapp</i>	
				Upgrading Linear Infrastructure to Provide A Flood Resilient Future For Regional Communities Samuel Drysdale, <i>Kellogg Brown & Root (KBR)</i> <i>Young Floodplain Managers Member</i>
3.00pm – 3.15pm	Short Break + Sponsor Videos			
Session 4 3.15pm – 3.45pm		FMA - NRMA Insurance Flood Risk Management Project of the Year Award Presentation		
Session 5 3.45pm – 4.45pm		5A: Queensland Reconstruction Authority	5B: Infrastructure Projects and Asset Management	5C: Social and Cultural Aspects
3.45pm – 4.15pm	Implementation of the Brisbane River Strategic Floodplain Management Plan – a Progress Update Jimmy Scott, <i>Queensland Reconstruction Authority</i>	Flood Mitigation Infrastructure Landowner Consultation – Engineers Can Do the Talking Ed Henty, <i>Dryside Engineering</i>	Flooding and Vulnerability – Preparing High-risk Communities Madeleine Dignam, <i>Infrastructure NSW</i>	
4.15pm – 4.45pm	A Framework for Flood Risk Management in Queensland Charlotte Spliethoff, <i>Queensland Reconstruction Authority</i>	Levees – Gate the Gap Michael Anthony, <i>AWMA Pty Ltd</i>	Is Your Floodplain Management Strategy Working? Innovative Social Research in the Wimmera Neil Dufty Molino Stewart	
4.45pm	End of Day 1			

Thursday 27th May 2021

Session 6 Session 6 - Plenary 10.00am – 12.00pm

10.00am	Welcome to Day Two
10.05am	Australia and New Zealand Presentation Updates
10.40am	Silver Sponsor “NSW SES” Address
10.45am	Keynote Speaker
11.40am	Silver Sponsor “Cardno” Address

11.45am – 12.00pm Short Break + Sponsor Videos

Session 7 7A: BOM 7B: Social and Cultural Aspects 7C: 10 Minute Presentations 12.00pm – 1.00pm

12.00pm – 12.30pm	Justin Robinson, <i>Bureau of Meteorology</i>	Increasing the Frequency of Flooding in Lake Gorrie: Not All Floods Need to Be Mitigated Isabelle Testoni, <i>Catchment Simulation Solutions Young Floodplain Managers Member</i>	Climate Change Flood Impacts on Planning - a Victorian Perspective Warwick Bishop, <i>Water Technology</i>
12.30pm – 1.00pm	Nicole Hogan, <i>NSW State Emergency Service</i>	Aboriginal Storytelling of Flooding in the Hunter Valley Catchment, NSW Claire Turrell, <i>NSW Government, Department of Planning Industry and Environment</i>	Short-duration, Heavy Rainfall is Intensifying (conditions May Apply) Luke Osburn <i>Bureau of Meteorology</i> Integrating Environmental Criteria in Statutory Floodplain Management Plans to Protect Floodplain Ecology Simon Hunter, <i>Department of Planning, Industry and Environment</i> Could School Flood Education Be the Catalyst for Advancing Women in STEM? Catherine Walker, <i>Cardno</i> <i>Young Floodplain Managers Member</i>

1.00pm – 1.30pm Lunch & Poster Presentations

Session 8 8A: Flood Stories 8B: Flood Policy, Guidance and Best Practice 8C: ARR 1.30pm – 3.00pm

1.30pm – 2.00pm	Ten Years on from the 2011 Floods: is Queensland More Flood-resilient? Karen McPaul, <i>Queensland Reconstruction Authority</i>	Should Flood Damage Estimates Discount for Warning Time and Previous Experience? Stephen Yeo	What Have We Learnt About Temporal Patterns and the New ARR Monique Retallick, <i>WMAwater</i>
2.00pm – 2.30pm	The Lockyer Valley – Knowing the Past – Protecting the Future Quentin Underwood	Flood Resilient Building Controls – Next Generation Guidance for the Hawkesbury Nepean Floodplain Louise Collier, <i>Rhelm</i>	No Single Point of Interest! Application of ARR2019 Principles in Catchment-wide Analysis Brian Sexton, Arup & Edward Funnell, HARC
2.30pm – 3.00pm	The Swan and Helena River Studies Developed to inform flood Resilience Anne Kolega, <i>BMT</i>	A Review of Australian Models to Predict Direct Tangible Flood Damages: Do We Need Better Tools? Filippo Dall’Osso, <i>Molino Stewart</i> <i>Young Floodplain Managers Member</i>	Benchmarking ARR2019 for Victoria David Stephens, <i>HARC</i>

3.00pm – 3.15pm **Short Break + Sponsor Videos**

3.15pm **FMA YFM Young Floodplain Manager of the Year Award**

Session 9
3.30pm – 5.00pm **9A: FMA Quarterly Meeting**

3.30pm –
5.00pm

5.00pm **End of Day 2**

Young Floodplain Manager Social Evening (details tbc)

Friday 28th May 2021

10.00am – 11.30am Session 10 – Plenary

10.00am **Welcome to Day Three**
 10.05am **Sponsor Address**
 10.10am **FMA Allan Ezzy Flood Risk Manager of the Year Award Presentation**
 10.25am **Keynote Address**

Session 11 11.00am – 1.00pm

	11A: Modelling	11B: Land Use Planning	11C: 10 Minute Presentations – Data/Emergency
11.00am – 11.30am	Testing of New HEC-RAS 6.0 Rain-On-Grid Solution Mark Forest, <i>HDR</i> <i>International Presenter</i>	Risk-based Planning – Living with Risk and Avoiding Panaceas Richard Sharp, <i>Water Technology</i>	The Influence of Floodplain Characteristics on Property Average Annual Flood Damage Estimates Hayden Guse, <i>WRM Water & Environment</i> <i>Young Floodplain Managers Member</i> PUB Singapore Implements New Data-Driven Solution to Smart Drainage Grid System Chris Heyer, <i>Aquatic Informatics</i>
11.30am – 12.00pm	The Art of Roughness: AI for High-Precision Model Development Jordan Maultby, <i>AECOM</i> <i>Young Floodplain Managers Member</i>	Dilemmas of a Land-use Planner in Hawkesbury’s Extreme Flood Plains Sunehla Bala, <i>Hawkesbury City Council</i>	UAV LiDAR Capture Utilised to Enhance and Increase Accuracy in Flood Modelling Adam De Clouett, <i>Shellharbour City Council &</i> Aonghus Stevens, <i>Measure Australia</i> Application of the Total Warning System to Flood Katelyn Samson, <i>Australian Institute for Disaster Resilience</i>
12.00pm – 12.30pm	Solving the Mystery: Multiple Flood Mechanisms at Wallacia Mikayla Ward, <i>WMAwater</i> <i>Young Floodplain Managers Member</i>	If They Go in Can They Get Out? Georges River Evacuation Modelling Steven Molino, <i>Molino Stewart</i>	Toward Understanding Householder Flood Preparedness Willow Forsyth, <i>University of Newcastle</i> How Effective Are Flood Emergency Plans in Practice? Andrew Gissing, <i>Risk Frontiers</i>

12.30pm – 1.00pm Lunch & Poster Presentations

Session 12 1.00pm – 3.00pm	12A: Environmental Aspects, Climate Change, Coastal Hazards and Adaptation	12B: Modelling	12C: Flood Stories
1.00pm – 1.30pm	There's a Better Way - Integrated Catchment Planning Adam Berry , <i>Synergy Solutions</i> and Phil Smith , <i>Ipswich City Council</i>	Realising the Benefits of Alternative Flood Modelling Techniques While Managing User and Customer Risks Benjamin Oakley , <i>Melbourne Water Corporation</i>	What Happens when we Fail to Properly Conceptualise Flooding? Terry Kefalianos , <i>Department of Water and Environmental Regulation</i>
1.30pm – 2.00pm	Risk (reduction) Vs. (environmental) Reward: The Juxtaposition Between Detention Basin Risk Mitigation and Shortfalls in Realising Environmental Potential. A Discussion Nick Lewis , <i>Royal HaskoningDHV</i>	Flood Model Calibration – Impacts of Rating Curve Accuracy and Catchment Changes over Time David Whyte , <i>Cardno</i>	Capturing and Integrating Local Knowledge and Stories in the Condamine Floodplain Modelling Martin Boshoff , <i>AECOM Australia</i> & Laura Jarman , <i>ARTC</i>
2.00pm – 2.30pm	Rehydrating the Floodplain to Save the Endangered Green and Golden Bell Frog Prawi Woods , <i>Catchment Simulation Solutions</i> <i>Young Floodplain Managers Member</i>	Flood Early Warning System for Small Rural Townships: Warning Dissemination and Communication Phase 1 Graham Bebington & Danielle Danielsson , <i>Toowoomba Regional Council</i>	Strategic Review of the Hunter Valley Flood Mitigation Scheme Andrew McIntyre <i>NSW Department of Planning Industry and Environment</i>
2.30pm – 2.55pm	A National View of Storm Tide Flooding in Australia Thomas Mortlock , <i>Risk Frontiers</i>	Distinguishing between the need for Flood Impact or Flood Risk Assessment Chris Thomas , <i>Advisian</i>	Presentation TBC
2.55pm – 3.10pm Online Conference Wrap-up			