


PRE-CONFERENCE PROGRAM – TUESDAY, 14 OCTOBER 2025

8.30 am	Pre-Conference Workshop Registration –	
	Pre-Conference Workshop 1	Pre-Conference Workshop 2
Room	Semillon 1	Semillon 3
9.00 am	<p>Guidelines for the Maintenance of Stormwater Treatment Measures</p> <p>Presenter: Murray Powell, Optimal Stormwater</p> <p>This full-day workshop covers all aspects of Operations and Maintenance for all types of stormwater treatment measures. These Guidelines, adopted by Stormwater NSW, have become the Australian industry standard and reference document for the maintenance of stormwater assets across the country. The Workshop is aimed at Maintenance Managers and Cleaning Contractors, as well as Council staff involved in the sizing, siting, and approval of stormwater treatment measures.</p>	<p>Navigating the WSUD Maintenance Compliance Framework: Step-by-Step Guidance for Councils</p> <p>Presenters: Daniel Rider, Ocean Protect Dr Andrew Thomas, Cooks River Alliance</p> <p>This highly practical and interactive workshop is designed to demystify the WSUD Maintenance Compliance Framework and equip councils with the tools to enhance stormwater infrastructure resilience and environmental outcomes.</p> <p>This hands-on session will guide participants through a structured, step-by-step approach to implementing the Framework within existing council operations. Through real-world case studies and expert facilitation, attendees will gain:</p> <ul style="list-style-type: none"> • A clear understanding of the key components of the WSUD Maintenance Compliance Framework • Practical strategies to overcome common implementation challenges • The ability to design and apply a compliance program tailored to their local context <p>Whether you're just starting your WSUD journey or looking to strengthen existing programs, this workshop will provide you with actionable insights, peer collaboration opportunities, and access to technical experts.</p>
10.30 am	Morning Tea	

11.00 am	Workshops Continue
12.30 pm	Lunch
1.00 pm	Workshops Continue
3.00 pm	Afternoon Tea
3.30 pm	Workshops Continue
5.00 pm	Workshops Conclude
5.30 pm	<p>Conference Registration and Welcome Reception - Wine Tasking with Fun Industry Feedback Session sponsored by:</p> <div><p>STORMWATER SERVICES AUSTRALIA</p></div>
7.30 pm	Welcome Reception concludes

CONFERENCE PROGRAM – WEDNESDAY, 15 OCTOBER 2025

8.15 am	Conference Registration and Exhibition Visits – Tea and Coffee on Arrival		
9.00 am	Welcome to Country		
9.05 am	Welcome to franc.2025 Nerida Taylor , Conference Chair and Vice President, Stormwater NSW		
9.20 am	Keynote Presentation Climate Change Impacts on Rainfall Intensity Dr Tomas Remenyi , Founder and Director, Acclimatised		
9:50 am	Panel Session What does AR&R Mean for Managing Stormwater Facilitator: Dr Tomas Remenyi, Acclimatised Panellists: Dr Angela Maharaj , Dept of Climate Change, Energy, the Environment and Water Anna Wilson , Hobart City Council Alexi Gilchrist , Parramatta River Catchment Group		
10.55 am	Paladium Sponsor Welcome Robert Chesterfield General Manager, Atlan		
10.55 am	Morning Tea		
11.25 am	Move to Breakout Rooms		
Theme	Flooding and Climate Change	Invisible Pollutants	Waterway Restoration
11.30 am	Climate Change Impacts on Flooding: Implications of the 2024 Update to Australian Rainfall and Runoff Dr Angela Maharaj Australian Department of Climate Change, Energy, The Environment and Water	Contamination and Biofilters Craig Naughton Hornsby Shire Council	From Low-Hanging Fruit to the Pick of the Bunch: Prioritising Urban Waterway Improvement Opportunities Across the Parramatta River Catchment Alexi Gilchrist Parramatta River Catchment Group
11.45 am	Framework for Planning Nature-Based Solutions to		

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	Meet Long-Term Catchment Scale Pluvial Flood Mitigation Targets Wenhui Wu UNSW	From Factories to Front Yards: Investigating Microplastics in Urban Stormwater Dr Zain Ul Abideen UNSW Daniel Rider Ocean Protect	Framework for Waterway Restoration and Revitalisation Through Physical Form Typologies Frankie Coen Arup
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12.00 pm	A Future-Proof Drainage Upgrade to Alleviate Flooding at Ree Place, Bidwill Thanh Nguyen Blacktown City Council	Passive Treatment of PFAS-Contaminated Runoff Dr Charles Kelly Humes	Addressing Challenges of Design and Construction of Creek Rehabilitation Schemes in Sydney Metropolitan Area Phil Li WSP Australia
12.15 pm	Estimating “Reasonably Practicable” Contributions to Stormwater Flow Targets Across Development Types and Scale (Melbourne Water) Shaw Abrey Alluvium	Coarse sediment – the forgotten fraction. Will capturing it all in GPTs cause hungry but clear water? Oliver Light Alluvium	Nepean River Restoration Aditi Verma Camden Council
12.30 pm	Q&A Panel	Q&A Panel	Q&A Panel
1.00 pm	Lunch		
1.50 pm	Move to Breakout Rooms		
Theme	Maintenance/Litter	Moving Ahead with IWCM	Passive Irrigation
1.55 pm	Zero Litter to the Bay Brad Dalrymple Ocean Protect	NSW Integrated Water Cycle Management Framework: Focus on Stormwater Integration Emma Brunton and Dr Beata Sochacka Department of Climate Change, Energy, The Environment and Water	In Praise of Leaks: Embracing Imperfection in Urban Stormwater Systems Tom Rivard Lean Productions
2.10 pm	Thirty-Two Percent – That is the Average Functionality of GPTs in Australia. How Can We Do Better? Justine Barrett CSIRO	Bathurst – The Largest Stormwater Harvesting Scheme in the Southern Hemisphere Murray Powell Optimal Stormwater	Turning Runoff into Resilience: Integrating Passively Irrigated Street Trees in Urban Planning Shreyaa Sundararaghava Sydney Water Erin Saunders Sydney Water

2.25 pm	Real-time Maintenance Monitoring for Proprietary Stormwater Treatment Devices Dr Charles Kelly Humes	Integrated stormwater planning for a new city – the Western Sydney Aerotropolis Dan Cunningham Sydney Water	Smart Partnerships, Smarter Assets: Passive Irrigation and Digital Innovation for Long-Term Urban Resilience Dr Harsha Sapdhare Space Down Under
2.40 pm	Q&A Panel	Q&A Panel	Q&A Panel
3.10 pm	Afternoon Tea		
3.25 pm	Move to Plenary		
3.30 pm	Keynote Presentation: Dr Louise McKenzie, NSW Department of Climate Change, Energy, the Environment and Water		
4.00 pm	Platinum Sponsor Session Stormwater Services Australia presents Stormwater 2030 – Why Target 2030? Panellists and Stormwater 2030 Directors: David Nixon , Stormwater Services Australia, Colin Chin , Stormwater Services Australia, Andre Magar , Zeal Consulting and Dr Andrew Thomas , Cooke River Alliance and Stormwater NSW		
5.00 pm	Conference Day One Concludes		
6.30 pm	2025 Stormwater NSW Awards for Excellence Presentation		
7.00 pm	Franc.fest		
10.30 pm	End of Day 1		

CONFERENCE PROGRAM – THURSDAY, 16 OCTOBER 2025

8.00 am	Conference Registration and Exhibition Visits – Tea and Coffee on Arrival		
9.00 am	Welcome to Day 2 and Housekeeping Justine Barrett, CSIRO and Executive Committee, Stormwater NSW		
9.05 am	Keynote Presentation: A Plan to Manage Blue-green Algal Blooms in Lake Tuggeranong, Canberra Dr Ralph Ogden, ACT Healthy Waterways Program Manager, ACT Government		
9.35 am	Panel Session: Urban Recreational Water Quality - Is Swimming a Real Driver to Waterway Health? Facilitator: Alexa McAuley, Civile Ralph Ogden , ACT Healthy Waterways Program Manager, ACT Government, Alexi Gilchrist , Parramatta River Catchment Group, Leanne Niblock , Sydney Water		
10:30 am	Morning Tea		
11.00 am	Move to Breakout rooms		
Theme	Asset Management	Blue-Green Lens	Managing Future Water Flow
11.05 am	Square 1 Asset Management - The Challenges and Lessons of Doing Asset Management at 3 Separate Councils. Craig Naughton Hornsby Shire Council	Transition Pathways Towards Blue-Green Infrastructure: Adopting a System's Approach Somayeh Sadegh Koohestani University Of Technology Sydney	Climate-Resilient Stormwater Management in Urban Areas Dr Hamed Esfahani Stantec
11.20 am	Love the SQID You're With Murray Powell Optimal Stormwater	An Assessment of Incorporating Trees into Bio-retention Basins Nigel Bosworth SLR Consulting	Climate Change Rainfall Data Algorithm for Continuous Modelling of Stormwater Mircea Stancu Cleanstormwater
11.35 am	Beyond the Planting: Keeping WSUD Systems Functional Over Time Eric Lin Stantec	Are Stormwater Wetlands 'Ecological Traps'? Brad Dalrymple Ocean Protect	Smarter Systems, Cleaner Water: Improving Biofilter Performance with Real-Time Control Jiadong Zhang UNSW
11.50 am	Q&A Panel	Q&A Panel	Q&A Panel

12.20pm	Lunch (50 mins)		
1.15 pm	Move to Breakout Rooms		
Theme	Strategic Planning	Who is Responsible?	Whole LGA Mapping and Planning
1.20 pm	Holistic Catchment Management: Combining Real-World and Modelled Flood and Water Quality Analysis for Prospect Creek Sumari Veal Stantec	Is Your Tender Specification 'Specific, Certain and Enforceable'? John Weaver Interflow	Catchment GIS for Dummies (Like Me) Craig Naughton Hornsby Shire Council
1.35 pm	WSUD Implementation on Linear Transport Infrastructure: How Are We Doing? Yuna Chen Aurecon	Water Sensitive Urban Design – Monitoring and Managing Privately Owned Systems Kate Murphy Blacktown City Council	Using LGA-Wide MUSIC Models to Plan, Justify, Predict and Track WSUD Projects on a City-Wide Drainage Network Adrian Smit City of Sydney
1.50 pm	Q&A Panel	Q&A Panel	Q&A Panel
2.20 pm	Afternoon Tea		
2.40 pm	Move to Plenary		
2.45 pm	Plenary Address: Stormwater 2030 and SQID Taskforce Dr Andrew Thomas, President, Stormwater NSW		
3.15 pm	Panel: SQID Taskforce SME Updates Facilitator: Brad Dalrymple, Ocean Protect Panellists: Kefeng Zhang, UNSW; Kristy Good, Blacktown City Council, Christine Del Duca, Dynamic Corporate Solutions		
4.00 pm	Stormwater NSW Forum – Next Steps		
4.30 pm	Conference Wrap Up and Close		
4.40 pm	Conference Close		



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TECHNICAL TOUR PROGRAM – FRIDAY, 17 OCTOBER 2025

Showcase of Excellence Site Tour

Join Stormwater NSW for the *Showcase of Excellence* site tour—an exclusive opportunity to visit and learn from leading projects recognised for innovation in stormwater design, asset management, and landscape architecture.

This curated tour will take place across the Hunter Valley and Newcastle regions, featuring projects of varying scales and complexity. Each site will be hosted by industry experts who will provide insights into the design strategies, operational success, and best practice principles that set these projects apart.

Whether you're a seasoned professional or new to the field, you're guaranteed to gain valuable knowledge and inspiration to benefit both your work and your organisation.