



STORMWATER
VICTORIA
2018 CONFERENCE

2018 CONFERENCE PROGRAM
WATER SENSITIVE COMMUNITIES
Inevitable OR Pipe Dream?



SHERATON MELBOURNE HOTEL | 6TH - 7TH JUNE 2018

CONFERENCE PROGRAM: WEDNESDAY, 6TH JUNE, 2018

8.00 am	Conference Registration – Tea and Coffee on Arrival		
9.00 am	Welcome to Delegates Ann Pugh and Andrew Thomas <i>Conference Chairs, Stormwater Victoria</i>		
9.05 am	Opening Address Chris Beardshaw President, <i>Stormwater Victoria</i>		
9.10 am	Platinum Sponsor Address		
9.15 am	Keynote Presentation Leadership to Deliver Water Sensitive Communities: The Case for a New Mindset Dr Andre Taylor Leadership Specialist and Facilitator, <i>International WaterCentre, University of New South Wales Business School and Monash University</i>		
10.00 am	Keynote Presentation Retrosuburbia: A Bottom Up Alternative Pathway to Water Sensitive Communities David Holmgren Permaculture Co-Originator, <i>Holmgren Design</i>		
10.45 am	Morning Tea		
	Collaboration and Integration	Strategy, Policy and Education	Science and Innovation
11.15 am – 11.45 pm	Water-Sensitive Communities – Understanding Context and Enabling Collaboration <i>Ross Allen, Ross Allen Consulting</i>	Stormwater Pollution Management: Measuring Performance <i>Andrew Grant, Melbourne Water</i>	Street Tree Planting and WSUD to Increase Tree Growth and Stormwater Treatment: A Street Experiment <i>Vaughn Grey, Moreland City Council</i>
5 minutes to change rooms			

	Collaboration and Integration	Strategy, Policy and Education	Science and Innovation
11.50 am – 12.20 pm	<p>Concept Tool for IWM Planning in the Monash National Employment Cluster</p> <p>Rianda Mills, <i>Water Technology</i> and Chris Tancheff, <i>South East Water</i></p>	<p>Flood Mapping Consultation – A Tale of Two Cities</p> <p>Stephen D’Agata, <i>City of Boroondara</i></p>	<p>Systems Analysis and Macroeconomic History Reveals Relative Progress Toward Water Sensitive Cities</p> <p>Professor Peter J Coombes, <i>Urban Water Cycle Solutions</i></p>
12.20 pm	Lunch		
1.20 pm – 1.50 pm	<p>IWM in Practice: Lessons and Learnings from Enhancing Our Dandenong Creek Program</p> <p>Sarah Watkins, <i>Melbourne Water</i></p>	<p>Kingston Stormwater Quality in-lieu Contribution Scheme</p> <p>Dr Jeremy Cheesman, <i>Marsden Jacob Associates</i> and Emily Boucher, <i>Kingston City Council</i></p>	<p>Managed Aquifer Recharge (MAR) Examples Supporting Integrated Water Management (IWM) across Australia and New Zealand</p> <p>Russell Martin and Emma Hendy, <i>Wallbridge Gilbert Aztec</i></p>
5 minutes to change rooms			
1.55 pm – 2.25 pm	<p>Embracing Collaboration for Better Solutions – A Case Study for Flood Mitigation in Arden-Macaulay</p> <p>Penny Ball and Rowena Joske, <i>City of Melbourne</i></p>	<p>Does Current WSUD Policy Setting Help to Lessen Urban Heat Island Effect?</p> <p>Jane McArthur, <i>E2DesignLab</i></p>	<p>Corridors of Concrete: The Benefits of Naturalising Urban Streams Across Melbourne</p> <p>Dr Dominic Blackham, <i>Alluvium Consulting</i></p>
5 minutes to change rooms			
2.30 pm – 3.00 pm	<p>Ballarat City Integrated Water Management Plan: Collaborating to Drive Real Community Outcomes</p> <p>Celeste Morgan, <i>E2DesignLab</i> and John Frdelja, <i>Central Highlands Water</i></p>	<p>What is the Economic Value of Urban Heat Island Mitigation from WSUD?</p> <p>Kym Whiteoak, <i>RMCG</i></p>	<p>A New Method for Protecting Urbanising Waterways: Urban Streamflow Impact Assessment</p> <p>Dr Geoff Vietz, <i>Streamology Pty Ltd</i></p>
3:00 pm	Afternoon Tea		

	Infrastructure Management and Operations	Strategy, Policy and Education	Science and Innovation
3.30 pm – 4.00 pm	<p>Proactively Maintaining and Renewing Casey's WSUD Assets</p> <p>Nausheen Obaid and Daniel Fokkens, <i>City of Casey</i></p>	<p>Innovative Wastewater Management Solutions</p> <p>Peter O'Brien, <i>Mornington Peninsula Shire</i> and Jon Theobald, <i>South East Water</i></p>	<p>Dobson Creek Disconnection Project Evaluation</p> <p>Matthew Potter, <i>Knox City Council</i></p>
5 minutes to change rooms			
4.05 pm – 4.35 pm	<p>Permeable Pavement – What's the Concrete Evidence?</p> <p>Candace Jordan, <i>City of Melbourne</i> and Dr Dale Browne, <i>E2DesignLab</i></p>	<p>Better Best Practice Notes – Stormwater and Beyond</p> <p>Sheridan Blunt, <i>Loci Environment & Place Inc.</i></p>	<p>Passively Irrigated Street Trees: Leaping the Hype Cycle</p> <p>Gary Walsh, <i>E2DesignLab</i></p>
4.45 pm	Close of Day 1		
7.00 pm – 11.00 pm	<p>Stormwater Victoria Awards for Excellence Dinner Ballroom - Sheraton Melbourne Hotel</p>		

CONFERENCE PROGRAM: THURSDAY, 7TH JUNE 2017

8.00 am	Conference Registration – Tea and Coffee on Arrival		
9.00 am	Welcome to Day 2 Ann Pugh and Andrew Thomas Conference Chairs, <i>Stormwater Victoria</i>		
9.05 am	Gold Sponsor Presentation		
9.10 am	Councillor Amanda Stone (Invited) <i>Yarra City Council</i>		
10.00 am	Stormwater Victoria – Open Forum		
10.45 am	Morning Tea		
	Infrastructure Management and Operations	Strategy, Policy and Education	Science and Innovation
11.15 am – 11.45 pm	Intelligent Networks and Digital Realities – Exploring a Geospatial Data and Analytics Future <i>Peter Terrett, Rapidmap</i>	Are Planning Controls the Best Approach to WSUD on Private Land? <i>Sheridan Blunt, Loci Environment & Place Inc.</i>	Stormwater and Urban Habitat Restoration <i>Jonathon Mclean, Alluvium Consulting</i>
5 minutes to change rooms			
11.50 am – 12.20 pm	On-site Stormwater Detention – A Standardised Approach? <i>Stephen D’Agata, City of Boroondara</i>	The Importance of Council Guidelines in Creating Water Sensitive Communities <i>Stephanie Milankovic, Arup</i>	Selecting Tree Species to Improve Runoff Retention by Biofiltration Systems <i>Dr Chris Szota, University of Melbourne</i>
12.25 pm	Lunch		
1.20 pm – 1.50 pm	The Influence of Stormwater Infiltration on Groundwater Pollutant Transport <i>Amir Behroozi, University of Melbourne</i>	Building a Water Sensitive Municipality @ Moreland <i>Vaughn Grey, Moreland City Council</i>	Fairbairn Park Pavilion Project: The Design and Construction of a Hydraulically “Disconnected” Drainage System <i>Nick Andrewes, Engeny Water Management</i>
5 minutes to change rooms			

	Infrastructure Management and Operations	Strategy, Policy and Education	Science and Innovation
1.55 pm – 2.25 pm	Embedding Successful WSUD Asset Management Practices <i>Jamie Comley, Jamie Comley Consulting</i>	Greening the Greyfields – A Pilot Study for Melbourne <i>Scott Dunn, Engeny Water Management</i>	Retrofitting Tree-based Infiltration Trenches to Support Stormwater Reduction and Street Tree Transpiration <i>Jasmine Thom, University of Melbourne</i>
5 minutes to change rooms			
	Infrastructure Management and Operations	Strategy, Policy and Education	Infrastructure Management and Operations
2.30 pm – 3.00 pm	From Little Things, Big Errors May Grow – A Look at the Importance of QA <i>Peter Woodman and Rushiru Kanakarathne, GHD</i>	Managing Pollution in Stormwater Networks – A Decision Support Tool <i>Stephen Marshall, Bio2Lab</i>	Stormwater Harvesting Storage Management to Achieve Sustainable Landscapes at Royal Botanic Gardens Victoria, Melbourne Gardens <i>Geoff Connellan, G&M Connellan Consultants and Peter Symes, Royal Botanic Gardens Victoria</i>
3.00 pm	Afternoon Tea		
	Infrastructure Management and Operations	Strategy, Policy and Education	Science and Innovation
3.30 pm – 4.00 pm	Soil Moisture Recharge to Maximise the Benefits of Stormwater Harvesting Systems? <i>Kate Berg, City of Melbourne</i>	Strategic Investment in Runoff Management: The Feasibility of Stormwater/Runoff Management Actions (FOSMA) Decision Support Tool <i>Birgit Jordan and Bronwen Hutchinson, Melbourne Water</i>	Urban Stream Restoration for Ecology and Community – The Upper Stony Creek Story <i>Stuart Cleven, Alluvium Consulting and Glenn Berrill, Thompson Berrill Landscape Design</i>
5 minutes to change rooms			

	Infrastructure Management and Operations	Strategy, Policy and Education	Science and Innovation
4.05 pm – 4.35 pm	<p>Coomoora Road Reserve Stormwater Harvesting Project</p> <p>Hugh Williamson, <i>Optimal Stormwater</i></p>	<p>Are We Serious About Integrated Water Management?</p> <p>Leigh Holmes, <i>Spiire</i></p>	<p>Sediment-sensitive Stormwater Management: Understanding the Urban Coarse Sediment Regime to Prevent Stream Degradation</p> <p>Kathy Russell, <i>University of Melbourne</i></p>
5 minutes to change rooms			
4.40 pm	Conference Acknowledgements and Prize Draw		
	Close of 2018 Stormwater Victoria Conference		