



# ASCE-EWRG & APWA 2019 Sustainable Stormwater Symposium

## Agenda at-a-glance



DAY 1 - Wednesday September 25th, 2019			
7:30 AM	REGISTRATION AND CONTINENTAL BREAKFAST		
8:15 AM	Welcome and Opening Remarks - Rose Horton, Symposium Chair		
8:25 AM	Elizabeth Fassman-Beck	Stevens Institute of Technology	Modernizing Performance Metrics for Stormwater Infrastructure
<b>SESSION 1 – Stormwater BMP Design and Case Studies</b> (Moderator: Henry Stevens, City of Portland)			
9:10-10:30	Teresa Huntsinger & Steve Wise	Otak/Sandy River Watershed Council	A Stormwater Retrofit Case Study: Mt. Hood Community College
	Sarah Ferguson	Murraysmith	From Plan to Performance: Applying a New Stormwater Management Manual
	Allen Dysart	Wolf Water Resources	Green Conveyance Infrastructure
10:30 AM	BREAK		
<b>SESSION 2 – Stormwater Asset Management and Water Quality Accounting</b> (Moderator: Myles Gray, Geosyntec Consultants)			
10:45-12:05	Fred Lockhart	City of Eugene	Managing Green Infrastructure Assets Using GIS and iPad App Technology
	Fred MacGregor	City of Portland	Building an Asset Management Program for Portland's Stormwater System
	Austin Orr	Geosyntec Consultants	Web-Friendly Water Quality Engines to Integrate BMP Modeling with Asset Management
12:05-1:20	LUNCH		
<b>SESSION 3 – Innovations in Stormwater Management</b> (Moderator: Tammie Wilson, Terraphase)			
1:20-2:15	Katie Holzer	City of Gresham	Pavement that Can Clean Water
	Josh Lighthipe & Henry Stevens	KPFF & City of Portland	Building More Efficient & Effective Bioretention Facilities Using Orifices
2:15 PM	BREAK		
<b>SESSION 4 – Hydromodification and Mitigation Using Stream Restoration</b> (Moderator: Kari Nichols, Mead and Hunt)			
2:30-3:50	Amy Dammarell	HDR	Integrated Stormwater Management: Can You Really Thread that Needle?
	Kate Forester & Leah Johanson	Herrera & Clackamas Co. WES	Carli Creek Enhancement and Industrial Water Quality Treatment Project
	Steve Thompson	City of Olympia	Using Stream Restoration to Complement Conventional Stormwater Flow Control BMPs
3:50 PM	BREAK		
<b>SESSION 5 – Climate Resiliency</b> (Moderator: Teresa Huntsinger, OTAK)			
4:05-5:00	Kieran Sikdar	HELM	Lessons Learned from the Desert for Climate Change in the PNW
	Krista Reininga	Brown and Caldwell	Lessons Learned from Climate Resiliency Planning at BES
5:00 PM	POSTER SESSION AND HAPPY HOUR (At Castaway)		

DAY 2 - Thursday September 26th, 2019			
7:30 AM	CONTINENTAL BREAKFAST		
8:15 AM	Mark Palmer	HDR	Next Generation Porous Pavements - Recent Advances
<b>SESSION 6 – Integrated Watershed Planning</b> (Moderator: Aaron Parker, City of Oregon City)			
9:00-10:45	J. Ruben Gonzalez	City of Portland	Integrated Watershed Planning Using Regional and Retrofit Approaches for SW Capitol Hwy
	Ayman Alafifi	Brown and Caldwell	"Smart" Data Management to Streamline Stormwater Modeling
	Scott Struck	Geosyntec Consultants	Integrated Stormwater Management Planning for the Renfrew Neighborhood in Calgary
	Maryna Feldberg	Murraysmith	Integrating Stormwater and Stream Resilience with Sanitary Sewer Conveyance
10:45 AM	BREAK		
<b>SESSION 7 – O&amp;M and Long-Term Effectiveness of Stormwater BMPs</b> (Moderator: Adam Lee, Herrera)			
11:00-12:20	Tom Liptan	Formerly City of Portland	Green Stormwater Infrastructure "Do They Stand the Test of Time"
	Josh Wheeler	City of Oregon City	Maintenance Challenges with LID Improvements
	Amber Fox	City of Portland	Operations and Maintenance Lessons Learned for Right of Way Green Streets
12:20-1:30	LUNCH		
12:45 PM	Kevin Coulton	Environmental Science Associates	"Pollution in Abstract" – Using Art for Public Education of Stormwater Pollution
1:30-5:00	<b>Bike-BMP-n-Brew (B3) Tour</b> (Included w/ Registration)		
5:00 PM	HAPPY HOUR SOCIAL - Lucky Lab, NW Quimby (Included with Registration)		