



# ASCE-EWRG & APWA 2017 Sustainable Stormwater Symposium

## Agenda at-a-glance



DAY 1 - Wednesday September 13th, 2017			
7:30 AM	REGISTRATION AND CONTINENTAL BREAKFAST		
8:15 AM	Welcome and Opening Remarks - Brian Apple, Symposium Chair		
8:25 AM	William Selbig	USGS	Giving Credit Where Credit is Due: How USGS Science is Helping WI MS4s Meet their Pollution Reduction Goals
SESSION 1 – Green Infrastructure Design (Maryna Feldberg, Murraysmith)			
9:10-10:25	Dylan Ahearn	Herrera Environmental Consultants	Analysis of Bioretention Soil Media for Improved Nitrogen, Phosphorus, and Copper Retention
	Nathan Robinson	Environmental Science Associates	NE 72nd Avenue Green Street
	Myles Gray	Geosyntec Consultants	Where Does the Water Go? Estimating Groundwater Mounding and Soil Moisture Effects of Stormwater Infiltration
10:25 AM	BREAK		
SESSION 2 – Maintenance and the Role of Pretreatment (Adam Lee, Herrera Environmental Consultants)			
10:45-12:00	Josh Lighthipe	KPFF	Improving Green Stormwater Infrastructure through Pre-treatment
	Kate Forester	Herrera Environmental Consultants	Bioretention and Planter Facility Maintenance Issues and Adapting Design with Maintenance in Mind
	Nikki Guillot	City of Vancouver	Private Stormwater Facility Inspection- The Good, the Bad and the Ugly
12:00 PM	LUNCH		
1:15 PM	Holly Piza	Urban Drainage and Flood Control District (Denver)	Getting Out of Your Cave and Other Lessons in Meaningful Collaboration
SESSION 3 – New Paradigms in Stormwater Management (Kari Nichols, Mead & Hunt)			
1:55 -2:45	Paul Rudwick	Clark County	Prioritization and Off-Site Mitigation: New Initiatives in Watershed Restoration
	Bruce Roll	Clean Water Services	Broadening the Scope to Increase Resilience: Expanding Stormwater Management Beyond Regulated Areas
2:45 PM	BREAK		
SESSION 4 – Climate Change Impacts (Ryan Sheehan, HDR)			
3:05-4:20	M. Glazewski, R. Wierenga	WES of Clackamas County	Climate Change Impacts to Stormwater Utilities and Public Policy Best Practices
	Nicholas McCullar	City of Portland BES	Climate Change Resiliency Planning for Wastewater and Stormwater Infrastructure
	Stephen Blanton	AECOM	Hydrologic Modeling for Climate Impacts
SESSION 5 – Municipal Stormwater Program Panel (Eric Strecker, Geosyntec Consultants)			
4:20pm	Ron Wierenga, Clackamas County Water Environment Services; Annette Griffy, City of Vancouver; Wendy Edde, City of Bend; Kristen Acock, City of Portland Bureau of Environmental Services		
5:00 PM	POSTER SESSION AND HAPPY HOUR (OMSI)		

DAY 2 - Thursday September 14th, 2017			
7:15 AM	CONTINENTAL BREAKFAST		
8:00 AM	Marc Liverman	NOAA, Willamette Branch	Urbanization, Stormwater Runoff, and Climate Change: Will the Salmon Survive?
SESSION 6 – Stream and Floodplain Restoration (Tammi Connolly, OTAK)			
8:30-9:20	Melanie Klym	Otak, Inc	Channel Restoration to Address Flow-Duration Design Standards
	Marjorie Wolfe	Wolf Water Resources	Floodplain Tools: Complexity and Connectivity
SESSION 7 – Decision Support Tools and Model Applications (Paul Rudwick, Clark County Public Works)			
9:20-10:10	Christian Nilsen et al	Geosyntec, The Nature Conservancy, PSP	Pollutant Loading and BMP Effectiveness Tool for Puget Sound
	T. Lindbo, T. Huntsinger	City of Gresham, Otak	Developing a Stormwater Retrofit Assessment Tool
10:10 PM	BREAK		
SESSION 8 – Model Applications (Marc Leisenring, Geosyntec Consultants)			
10:30-11:20	Erik McCarthy	WEST Consultants	The Development and Multipurpose Application of Basin-Wide 1D/2D Stormwater Models in the City of Salem
	Allisa Maxwell et al	Brown and Caldwell, City of Gresham	Using LiDAR and two-dimensional (2D) modeling to evaluate flood mitigation alternatives
11:20 AM	Adam Nayak	Cleveland High School Student	Modeling the Effects of Land Use Change on Flooding in PNW Streams to Promote GSI
11:45 AM	LUNCH		
1:00 to 5:00	Bike-BMP-n-Brew (B3) Tour (Included w/ Registration)		
5:00 PM	HAPPY HOUR SOCIAL - WHITE OWL SOCIAL CLUB (Included with Registration)		