



ASCE-EWRG & APWA 2017 Sustainable Stormwater Symposium

Agenda at-a-glance



| DAY 1 - Wednesday September 13th, 2017 | | | |
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| 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 | Curtis Hinman | 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 | | | |
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| 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) | | |