



ASCE-EWRG 2021 Sustainable Stormwater Symposium Agenda at-a-glance



| Day 1 - Tuesday September 28th, 2021 | | | |
|---|--|-----------------------------------|--|
| 8:40 | Welcome and Opening Remarks - Ray Lipin, Symposium Chair | | |
| | Courtney Crosson | University of Arizona | The Ensuing Flood: Increasing Equity and Reducing Impact through Networked Decentralized Infrastructure |
| Session 1 - Integrated Watershed Planning and Management (Moderator: Seth Sokol, Parametrix) | | | |
| 9:20 - 10:40 | Kris Hikari | City of Portland | Where Trees and Water Meet in Public Rights-of-Way: An evolution of practice regarding trees in stormwater management facilities |
| | John Howorth | 3j-Consulting | Multi-Agency Water Quality Reserve Program |
| | Brian Busiek | Herrera | Developing and Deploying a One-Water Planning Approach for the Cambie Corridor |
| 10:40 | Break | | |
| Session II - O&M Requirements, Costs, and Tracking for Stormwater Assets (Moderator: Adam Lee, Herrera) | | | |
| 10:50 - 12:10 | Adam Zucker | Zucker Engineering | Considerations for Developing A New Design Storm |
| | Ian Besaw | City of Portland | Council Crest Park Neighborhood Sanitary and Stormwater Systems Integrated Planning |
| | Torrey Lindbo | City of Gresham | Lifecycle Cost of Grey versus Green Stormwater Infrastructure |
| Day 2 - Wednesday September 29th, 2021 | | | |
| 8:30 | Dr William F Hunt | North Carolina State University | How Nutrient Markets Foster Stormwater Innovations |
| Session III Hydromodification (Moderator: Philip Kenyon, Otak) | | | |
| 9:10 - 10:30 | Joe Rudolph, Kevin Cook | Wolf Water Resources, Murraysmith | Transitioning Urban Streams from 'Drainage assets' to 'Blue-Green Infrastructure' |
| | Kevin Timmins, Chris Faulkner | Otak, Clean Water Services | Regional Stormwater Management Strategy for Red Rock Creek |
| | Meredith Cote | Aecom | Stormwater Management, Green Infrastructure, and Stream Restoration for TMDL Implementation |
| 10:30 | Break | | |
| 10:40 | Dr Jordyn Wolfand | University of Portland | Microplastics in Stormwater: State of Knowledge and a Portland Case Study |
| Session IV - Technological Advances in Sustainable Stormwater (Moderator: Brooke Harmon, Maul Foster & Alongi) | | | |
| 11:20 - 12:40 | Craig Fairbaugh, Benjamin Boice | Contech (both) | Effectiveness of Regional High Rate Biofiltration: case studies in maximizing the value of large-scale green stormwater infrastructure |
| | Matthew Kohlbecker | GSI Water Solutions | Case Study: Construction of a Deep Drywell to Infiltrate Residential-Area Stormwater into Gravels Beneath Surficial Silts, Gresham, Oregon |
| | Ana Tijerina Esquino, Shane Freeman | Mott Macdonald (both) | Industrial stormwater upgrades on an active shipping berth |
| Day 3 - Thursday September 30th, 2021 | | | |
| 8:30 | Laura Scholl & Jennifer Ehlert | Metro Blooms | Bridging the Gap: Improving Water Quality and Native Habitat WITH our Communities |
| Session V - Green Infrastructure Technology and Practices (Moderator: Deniz Varcin, Maul Foster & Alongi) | | | |
| 9:10 - 10:30 | Jennifer Karpis | City of Portland | Engaging Communities with Living Green Infrastructure |
| | Kieran Sikdar | West Consultants | Mosses and Mycelium for Pollinators and Pollution |
| | Katie Holzer | City of Gresham | Urban beavers are cleaning runoff and restoring streams |
| 10:30 | Break | | |
| 12:00 Session VI - Stormwater and BMP Monitoring (Moderator: Chris Hass, Contech) | | | |
| 10:40 - 12:00 | Myles Gray | Geosyntec | Biochar for Stormwater Management: Applications and Advances |
| | Jay Holtz, Nina Maas | Oldcastle, Herrera Environmental | Hydraulic Testing to Establish a Target Maintenance Interval |
| | John Phillips | Parametrix | Sustainable Stormwater Strategies for Highways |
| 12:00 - 12:05 | Closing Remarks & Bike Tour Instructions - Ray Lipin, Symposium Chair | | |
| 1:30 (meet at 1:00) | Bike-BMP-n-Brew (B3) Tour (Included w/ Registration) | | |
| 5:00 | Happy Hour Social - Twilight Room, 5242 N Lombard St (Included w/ Registration) | | |