# WATER ENVIRONMENT FEDERATION 2019

## STORMWATER AND GREEN INFRASTRUCTURE SYMPOSIUM

MAY 8–10, 2019 FORT LAUDERDALE FLORIDA

www.wef.org/StormwaterGl









Water Research

This symposium is held by the Water Environment Federation (WEF) in affiliation with the WEF Stormwater Institute and the National Green Infrastructure Certification Program and in cooperation with the Florida Water Environment Association and The Water Research Foundation.

The inaugural Stormwater and Green Infrastructure Symposium will bring together the leading professionals in the field of stormwater and green infrastructure management for three days of interactive sessions, workshops, networking, and one-on-one interaction with thoughtleaders. The symposium is crafted to deepen the technical knowledge of professionals involved with stormwater and green infrastructure management and provide forums for sharing skills and knowledge, discussing leading issues in the sector, and foster new partnerships

## SCHEDULE-AT-A-GLANCE

| TUESDAY, MAY 7      |  |  |  |  |
|---------------------|--|--|--|--|
| 1:30 pm – 5:00 pm   | Pre-Conference Special Seminar: Advancing Green<br>Infrastructure Practice through Life Cycle Cost and Co-<br>Benefits Analysis                          |  |  |  |
| WEDNESDAY, MAY      | · · · · · · · · · · · · · · · · · · ·  |  |  |  |
| 8:30 am – 5:00 pm   | Workshop A: Watershed Management Optimization Support Tool (WMOST): Cost-Effective Integrated Water Managemen  |  |  |  |
| 8:30 am – 12:00 pm  | Workshop B: Redrawing Grey Cities to Climate Resilient<br>Sponge Cities  |  |  |  |
| 12:00 pm – 1:30 pm  | Networking Lunch for Workshop A  |  |  |  |
| 1:30 pm – 5:00 pm   | Workshop C: The Water Quality Workforce:<br>A National Crisis or Opportunity?  |  |  |  |
| THURSDAY, MAY 9     | Registration Open: 7:30 am – 5:00 pm   |  |  |  |
| 8:30 am – 10:00 am  | Opening General Session  |  |  |  |
| 10:00 am – 6:45 pm  | Exhibition Open  |  |  |  |
| 10:45 am – 12:15 pm | Session 01: National Green Infrastructure Certification<br>Program: Raising the Bar in the Green Infrastructure<br>Construction and Maintenance Industry |  |  |  |
| 10:45 am – 12:15 pm | Session 02: Market-Based Delivery, Funding, and Finance Options  |  |  |  |
| 10:45 am – 12:15 pm | Session 03: Stormwater Treatment Technologies  |  |  |  |
| 12:15 pm – 1:30 pm  | Networking Lunch   |  |  |  |
| 1:30 pm – 5:15 pm   | Session 04: Construction, Inspection and Maintenance<br>Cautions and Tips  |  |  |  |
| 1:30 pm – 5:15 pm   | Session 05: Innovative Funding Ideas for Stormwater Infrastructure   |  |  |  |
| 1:30 pm – 5:15 pm   | Session 06: Advancing the Science of Green Infrastructure  |  |  |  |
| 5:15 pm – 6:45 pm   | Networking Reception   |  |  |  |
| FRIDAY, MAY 10      | Registration Open: 8:00 am – 5:00 pm   |  |  |  |
| 8:30 am – 12:00 pm  | Session 07: Sustainability, Regional Collaboration and Getting the Most Out of your System. All Roads Lead to Resiliency                                 |  |  |  |
| 8:30 am – 12:00 pm  | Session 08: Municipal Program Management from<br>Coast to Coast  |  |  |  |
| 8:30 am – 12:00 pm  | Session 09: Green Infrastructure for CSO Management, and other Post-Construction Control Measures  |  |  |  |
| 12:00pm – 1:00 pm   | Networking Lunch   |  |  |  |
| 1:00 pm – 2:30 pm   | Session 10: Advancing Climate Resilient and Equitable Water<br>Systems through Partnership and Practice  |  |  |  |
| 1:00 pm – 2:30 pm   | Session 11: Program Management Technologies  |  |  |  |
| 1:00 pm – 2:30 pm   | Session 12: Integrative Strategies and Practical Applications  |  |  |  |
| 3:00 pm – 4:30 pm   | Session 13: Innovation/Technology – Planning Thru<br>Implementation  |  |  |  |
| 3:00 pm – 4:30 pm   | Session 14: Implementing Green Infrastructure for<br>Results: Using Data to Plan, Evaluate, and Build  |  |  |  |
| 3:00 pm – 4:30 pm   | Session 15: Tools for Community Engagement and Implementation  |  |  |  |

#### **MAY 7 | HALF-DAY SPECIAL SEMINAR**

# SPECIAL SEMINAR: ADVANCING GREEN INFRASTRUCTURE PRACTICE THROUGH LIFE CYCLE COST AND CO-BENEFITS ANALYSIS

1:30 pm - 5:00 pm

This special seminar will discuss the analysis framework of life cycle cost for both green infrastructure and gray infrastructure and associated decision support tool. In addition, the session will cover the framework and a supporting tool for quantifying the co-benefits of implementing green infrastructure and evaluating its economic, environmental and social values from an EPA-funded project entitled "Community-enabled Lifecycle Analysis of Stormwater Infrastructure Costs (CLASIC)".

There is no cost to attend this seminar, but registration is required as seating is limited.

#### **WORKSHOPS | MAY 8**

# WORKSHOP A: WATERSHED MANAGEMENT OPTIMIZATION SUPPORT TOOL (WMOST): COST-EFFECTIVE INTEGRATED WATER MANAGEMENT

8:30 am – 5:00 pm | Full-Day Workshop

Thru 3/15/19: \$179 member | \$209 nonmember After 3/15/19: \$199 member | \$229 nonmember

This workshop will introduce participants to the concept of integrated water resource management (IWRM) and provide training in the use and applications of EPA's Watershed Management Optimization Support Tool (WMOST) version 3. WMOST was designed to facilitate the application of IWRM at the community and small watershed scales to find the most cost effective suite of management practices (including green infrastructure) to meet water quantity and quality goals.

#### **WORKSHOPS | MAY 8**

## WORKSHOP B: REDRAWING GREY CITIES TO CLIMATE RESILIENT SPONGE CITIES

8:30 am – 12:00 pm | Half-Day Workshop

Thru 3/15/19: \$100 member | \$129 nonmember After 3/15/19: \$120 member | \$150 nonmember

This workshop presents how to use GSI/LID to retrofit ultra-dense neighborhoods and develop GSI plans for new development. In the presentation, some of most controversial issues such as grey solutions vs green solutions; landscape aesthetic view vs functional view and capability of GSI/LID in extreme weather conditions will be discussed.

# WORKSHOP C: THE WATER QUALITY WORKFORCE: A NATIONAL CRISIS OR OPPORTUNITY?

1:30 pm – 5:00 pm | Half-Day Workshop

Thru 3/15/19: \$100 member | \$129 nonmember After 3/15/19: \$120 member | \$150 nonmember

During this interactive workgroup meeting, you will be asked to share your local and national experiences with other water industry and infrastructure experts, workforce development professionals, and top educators of how your community is facing the challenges of the well-documented shortfall of water, utility and infrastructure workers nationwide. These nationwide leaders will be asked to discuss the practical realities of how they are implementing Green Infrastructure programs, what regulations and policies are driving them and how they are engaging members of underrepresented communities in these programs.

#### **REGISTRATION FEES**

| REGISTRATION       | Before: March 15, 2019<br>(Super Saver) |           | After: March 15, 2019 |           |
|--------------------|---|-----------|-----------------------|-----------|
| CATEGORY           | Member                                  | Nonmember | Member                | Nonmember |
| Full Conference    | \$570                                   | \$935     | \$745                 | \$1,205   |
| One-Day Conference | \$400                                   | \$535     | \$520                 | \$660     |
| Student            | \$0                                     | \$200     | \$0                   | \$260     |

Note: Cancellations must be received by Friday, April 26, 2019, to be eligible for a refund.

Only WEF members are eligible for the member rate. Not a member? Join today: www.wef.org/JoinWEF

#### HOTEL ACCOMMODATIONS

#### Hilton Fort Lauderdale Marina

1881 SE 17th Street, Fort Lauderdale, Florida, 33316

Phone: 1-800-HILTONS

Reservation Link: https://book.passkey.com/e/49720101

Book your stay at the Hilton Fort Lauderdale Marina by April, 8, 2019, to be eligible for the discounted conference rate of \$159 per night. Please note: The conference rate is available on a first-come, first-served basis. When booking, please ask for the Water Environment Federation rate.

### CONTINUING EDUCATION CREDITS

0.6 CEUs | 10.5 PDHs | 4.5 GCHs

Attendee may earn Continuing Education Units (CEUs) for participation in workshops, Professional Development Hours (PDHs) for the Opening General Session and technical sessions. General Contact Hours are available for participation in the Pre-Conference Special Seminar and the Opening General Session.

Please note: Credit totals are subject to change. Conference participants are responsible for exploring their state requirements to confirm these educational credits are recognized.

#### **EXHIBITION & SPONSORSHIPS**

Showcase your technologies and solutions and promote directly to your target audience by becoming an exhibitor and or sponsor. Leverage your business presence in front of 300 water quality professionals at this new industry event.

## **Exhibition Opportunities**TABLE TOP EXHIBIT SPACE RATES:

WEF Exhibitor Member: \$1,700

Non-Member: \$1,900

Please note: WEF has multiple types of memberships. Only WEF Exhibitor Members are eligible for the discount on exhibit space.

#### Table Top Space Rates Include:

- 6ft table with black skirt (additional furnishings/utility services can be ordered)
- One (1) Complimentary booth personnel badge
- Listing in the onsite symposium program exhibitor directory and floor plan pages
- Listing in the floor plan link on symposium homepage
- Access to registrant data download for registered booth staff in Excel once space is fully paid. Nonexhibiting companies may not purchase use of this data.
- Access to symposium proceedings for registered booth staff
- Exclusive sponsorship opportunities
- One priority point toward WEFTEC

CONTACT: Sarah Evans Moretti 703.684.2466 | smoretti@wef.org

#### SPONSORSHIP OPPORTUNITIES

Sponsoring the Symposium will enhance your company's visibility and provide greater awareness of your branding, products, and services to attendees. Choose from conference-wide packages; branded giveaways; exposure at the opening general session and networking events; hotel and onsite advertising; and digital media. Opportunities provide multiple branding exposure, from pre-show through onsite, at price points designed for any marketing plan.

#### **Sponsor Benefits**

- Enhanced visibility to symposium attendees and WEF members
- Logo recognition on corresponding sponsor slide at the Opening General Session
- Sign recognition at sponsored event
- Branding on signage recognizing all sponsors on display for the duration of the symposium
- Logo with sponsor directory listing including company website in the symposium program
- Logo enhanced exhibitor directory listing in symposium program, only for symposium exhibitors
- Logo on conference homepage rotating banner recognizing all symposium sponsors
- Pre-registered or final attendee lists in Excel format
- Sponsor badge ribbons

Thank you to our current sponsor for their support:

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