

THE SURFACE WATER QUALITY
CONFERENCE & EXPO

StormCon[®]

AUGUST 18-22, 2019

Atlanta

CONFERENCE PROGRAM

- Stormwater Infrastructure and Best Management Practices
- Green Infrastructure
- Stormwater Permit Compliance
- Funding, Staffing, and Managing the Stormwater Program
- Industrial Stormwater Management
- Research and Testing

Deadline Approaching: SAVE UP TO 20% WHEN YOU REGISTER BY JUNE 15, 2019!

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STORMWATER

WaterWorld

**Industrial
WaterWorld**

**Water
Technology**

ErosionControl

Dear friend,

On behalf of Endeavor Business Media, I am pleased to invite you to attend the annual **StormCon** conference and expo.

Entering its 18th consecutive year and making its Atlanta debut in 2019, **StormCon** is North America's most tightly focused event dedicated exclusively to elevating and advancing the science and practice of stormwater pollution minimization and prevention.



Each year **StormCon** brings together stormwater and surface water quality professionals from all over the world who are seeking the most up-to-date industry news, breakthroughs in water technology, and the best products and services available in the water sector.

Join us on August 18–22, 2019, at the Hyatt Regency Atlanta for this five-day special event to learn from experts in the various water-related arenas, share ideas with peers in your own field and across industry boundaries, and explore new stormwater management practices and technologies.

Kind regards,

Brigette Burich
StormCon Director

4 WAYS TO REGISTER

1. ONLINE:

www.stormcon.com/registration

2. EMAIL:

stormcon@forester.net

3. FAX:

805.682.0200

4. MAIL:

Forester Media, Inc.
c/o StormCon Registration
P.O. Box 3100
Santa Barbara, CA 93130

For questions regarding registration please contact us at: 805-679-7631

THANK YOU TO OUR SPONSORS!



INTERESTED IN BECOMING A SPONSOR? Options available include:

- **FLOOR GIVEAWAY** \$1,000
- **CONFERENCE COFFEE BREAK** \$5,000
- **TUESDAY LUNCHEON** \$7,500 co-sponsor (3 available) or \$25,000 exclusive
- **AND MANY MORE**

Find out more at <https://www.stormcon.com/exhibit-sponsor>

Schedule of Events

**subject to change*

SUNDAY, AUGUST 18

7:30 a.m. – 5:00 p.m.	Registration Open	Grand Hall Foyer
8:30 a.m. – 4:30 p.m.	Pre-Conference Session	Learning Center

MONDAY, AUGUST 19

7:30 a.m. – 5:00 p.m.	Registration Open	Grand Hall Foyer
8:00 a.m. – 3:00 p.m.	Exhibitor Move-In	Grand Hall East & West
8:00 a.m. – 4:00 p.m.	Pre-Conference Sessions	Hanover A – G, Learning Center
4:00 p.m. – 7:00 p.m.	Exhibit Hall Opening Reception	Grand Hall East & West

TUESDAY, AUGUST 20

7:00 a.m. – 5:00 p.m.	Registration Open	Grand Hall Foyer
7:00 a.m. – 8:30 a.m.	Conference Breakfast Buffet	Regency Ballroom Foyer
8:00 a.m. – 9:30 a.m.	OPENING GENERAL SESSION	Regency Ballroom
9:30 a.m. – 10:00 a.m.	Coffee Break	Grand Hall East & West
9:30 a.m. – 6:30 p.m.	Exhibit Hall Open	Grand Hall East & West
9:45 a.m. – 12:00 p.m.	CONFERENCE SESSION	Hanover A – G
12:00 p.m. – 1:30 p.m.	Conference Lunch	Regency Ballroom
1:30 p.m. – 3:00 p.m.	CONFERENCE SESSION	Hanover A – G
3:00 p.m. – 3:30 p.m.	Coffee Break	Grand Hall East & West
3:30 p.m. – 5:00 p.m.	CONFERENCE SESSION	Hanover A – G
5:00 p.m. – 6:30 p.m.	Exhibit Hall Networking Reception	Grand Hall East & West

WEDNESDAY, AUGUST 21

7:00 a.m. – 5:00 p.m.	Registration Open	Grand Hall Foyer
7:30 a.m. – 9:00 a.m.	Conference Breakfast Buffet	Regency Ballroom Foyer
8:30 a.m. – 10:00 a.m.	CONFERENCE SESSION	Hanover A – G
9:30 a.m. – 4:30 p.m.	Exhibit Hall Open	Grand Hall East & West
10:00 a.m. – 10:30 a.m.	Coffee Break	Grand Hall East & West
10:30 a.m. – 12:00 p.m.	CONFERENCE SESSION	Hanover A – G
12:00 p.m. – 1:30 p.m.	Conference Lunch	Regency Ballroom
1:30 p.m. – 3:00 p.m.	CONFERENCE SESSION	Hanover A – G
3:00 p.m. – 3:30 p.m.	Coffee Break	Grand Hall East & West
3:30 p.m. – 5:00 p.m.	CONFERENCE SESSION	Hanover A – G
4:30 p.m. – 8:00 p.m.	Exhibits Dismantle	Grand Hall East & West

THURSDAY, AUGUST 22

7:00 a.m. – 11:00 a.m.	Registration Open	Regency Ballroom Foyer
8:00 a.m. – 12:00 p.m.	Panel Discussions	Regency Ballroom
8:00 a.m. – 12:00 p.m.	Stormwater Tour	TBD
10:00 a.m. – 10:30 a.m.	Coffee Break	Regency Ballroom Foyer

Hyatt Regency Atlanta



All events, meetings, classes, and functions at StormCon will take place at the Hyatt Regency Atlanta—an iconic hotel in the heart of the city. The Hyatt is conveniently located just a 30-minute direct ride from the airport (via the next door Peachtree Center MARTA train station).

We have negotiated exclusive, below-market rates for all StormCon guests, so you will spend less and have more opportunities to make valuable connections throughout the industry by staying at the conference venue.

To reserve your room, please visit www.stormcon.com/hotel-travel-2/ or call (404) 577-1234 and let them know you are with StormCon.

Top 5 things to do in Atlanta



Martin Luther King Jr., Historic Park

Check out the civil rights leader's birthplace and a monument to his honor. The park also includes the historic Ebenezer Baptist Church and the final resting place of Dr. King and his wife Coretta.



World of Coca-Cola

Enjoy a Coke! Visit the World of Coca-Cola in a 92,000 square-foot interactive museum. You can taste more than 100 varieties of Coke from around the world and experience a 4D theater.



Georgia Aquarium

Go to the Georgia aquarium and experience the largest indoor aquarium in the Western Hemisphere. It is home to more than 100,000 creatures, including whale sharks, sea lions, bottlenose dolphins, belugas, penguins, and many more.



Ponce City Market

Want to shop and eat? Check out some local boutiques and have a meal or drink in the central food hall. For a small fee, take an elevator to the rooftop for games and a great skyline view of Atlanta.



Inside CNN Studio Tour

Learn about CNN's history and explore the complex that is home to this 24-hour news network.

Networking and Special Events

Exhibit Hall Opening Reception

Monday, August 19 | 4:00 p.m. – 7:00 p.m. | Grand Hall East & West
Sponsored by Suntree Technologies Inc.

Breakfast Buffets

Tuesday, August 20 | 7:00 a.m. – 8:30 a.m. | Regency Ballroom Foyer
Wednesday, August 21 | 7:30 a.m. – 9:00 a.m. | Regency Ballroom Foyer

Opening General Session

Tuesday, August 20 | 8:00 a.m. – 9:30 a.m. | Regency Ballroom
Sponsored by AbTech Industries

Morning Coffee Breaks

Tuesday, August 20 | 9:30 a.m. – 10:00 a.m. | Grand Hall East & West
Wednesday, August 21 | 10:00 a.m. – 10:30 a.m. | Grand Hall East & West
Thursday, August 22 | 10:00 a.m. – 10:30 a.m. | Regency Ballroom Foyer

Luncheons

Tuesday, August 20 | 12:00 p.m. – 1:30 p.m. | Regency Ballroom
Wednesday, August 21 | 12:00 p.m. – 1:30 p.m. | Regency Ballroom

Afternoon Coffee Breaks

Tuesday, August 20 | 3:00 p.m. – 3:30 p.m. | Grand Hall East & West
Wednesday, August 21 | 3:00 p.m. – 3:30 p.m. | Grand Hall East & West

Exhibit Hall Networking Reception

Tuesday, August 20 | 5:00 p.m. – 6:30 p.m. | Grand Hall East & West





Pre-Conference CISEC Certification Course and Exam

Training Modules (Day 1)

Sunday, August 18, 2019

8:30 a.m. – 12:00 p.m.

1:00 p.m. – 4:30 p.m.

Training Modules (Day 2)

Monday, August 19, 2019

8:30 a.m. – 12:00 p.m.

Certification Exam (Approval Required)

1:00 p.m. – 4:30 p.m.

Learn more about the CISEC programs at www.cisecinc.org

The CISEC inspector program will help you prepare for CISEC Inc.'s 3½-hour nationwide full certification exam or its 1½-hour in-training test. There are four modules to this course that cover the following topics:

Module 1: EPA Rules and Regulations

This module presents regulatory material so that inspectors understand EPA and the Clean Water Act (CWA) requirements and how they are applicable to inspections.

Items for this module will include (but are not limited to):

- **General Information**
 1. Clean Water Act
 2. EPA Worksheets
- **EPA's 2017 CGP Inspector Obligations**
 1. Introduction
 2. Stormwater Control Requirements
 3. Site Inspection Requirements
 4. Corrective Actions Requirements

Module 2: Background of an Inspector

In this module, participants will learn the importance of what is recommended for an inspector's background and how this will help them keep a site in compliance with EPA requirements.

Items for this module will include (but are not limited to):

- **Definitions**
 1. Erosion
 2. Sediment
 3. Sedimentation
- **General Information**
 1. Topographic Assessments
 2. Hydrology
 3. Use of Flocculants

- **Assessing a SWPPP**
 1. Narrative
 2. S&EC Drawings
 3. Important Requirements
- **CISEC Code of Ethics**

Module 3: Inspecting BMPs

In this module, participants will learn about inspecting installed sediment and erosion control measures, determining whether the BMPs are functioning in a correct manner, and assessing BMP limitations. In addition, information will be provided on inspecting storage areas where potential pollution problems may occur and assessing whether new BMPs need to be added or whether existing methods can be removed.

Items for this module will include (but are not limited to):

- **Writing Inspection and Corrective Action Reports**
- **Sediment Control BMPs**
 1. Barriers
 2. Sediment Containment Systems
 3. Limitations
 4. Inspection Worksheets
- **Erosion Control BMPs**
 1. Structural Methods
 2. Use of Vegetation
 3. Mulches and RECPs
 4. Wind Erosion
 5. Limitations
 6. Inspection Worksheets
- **Hazardous and Waste Material**

Module 4: Conducting Construction Site Inspections

This module covers the basic duties of an inspector by conducting a "virtual" tour of a construction site. Participants will reinforce their role and responsibilities as inspectors to meet the CGP requirements. Included will be "hands-on" exercises on documenting, communicating, reading SWPPPs and S&EC plans, writing reports, and assessing what to look for when inspecting a construction site.

Items for this module will include (but are not limited to):

- **Inspection Requirements and Responsibilities**
- **Assessing Inspection Reports**
- **Conducting "Virtual Tour" Site Inspections:**
 1. Before Construction and During Grading Conditions
 2. During Construction and After Construction Conditions
- **Writing Inspection and Corrective Action Reports**

For more details about this course and exam, please visit: www.stormcon.com/pre-conference-certification-course/

4 Pre-Conference Workshops

Monday, August 19, 8:00 am – 4:00 p.m.

0.5 Continuing Education Unit

BMP Selection to Improve Your Watershed

Stuart Stein, P.E., DWRE
President of GKY and Associates

Course Description:

Selecting the right best management practices (BMPs) is crucial for protecting and improving watersheds, but understanding the array of choices and the conditions in which different BMPs are most effective can seem overwhelming.

This comprehensive workshop guides program managers and engineers through the criteria necessary for selection of the most effective BMPs for a project.

Planning for Effective Sediment and Erosion Control

Tina Evans, P.E., CPESC, CISEC,
HydroDynamics Inc.

Jerald Fifield, Ph.D., CISEC
President at HydroDynamics Inc.

Course Description:

This one-day class presents “hands-on” intermediate level material for designers and reviewers responsible for developing effective sediment and erosion control (S&EC) plans. By assessing an actual project site, review and technical evaluations of best management practices (BMPs) will be conducted for their likelihood to minimize erosion or to reduce the discharge of sediment from construction sites.

It is recommended that participants possess at least the following prerequisites for this intermediate level professional course:

- Fundamental knowledge about sediment and erosion control concepts.
- A good understanding of BMPs used on construction sites.
- Fundamental knowledge of mathematics, science and engineering.

Upon completion of this class, S&EC plan designers and reviewers will obtain additional insight and skills to assist them with developing effective plans for implementation on construction sites. In

addition, they will be updating their professional skills to be more accountable for their submittals and/or reviews.

Repairing Entrenched and Degraded (Urbanized) Streams: Techniques & Case Studies for Natural Channel Design and Bioengineering

David Derrick,
Potamologist & VP, River Research & Design Inc.

Course Description:

This class is a must for engineers, hydrologists, planners, and ecologists who are challenged with urban stream “greening,” highway repair, and channel restoration. Learn from an experienced instructor, project designer, and builder with 40 years of experience. This workshop will introduce the methodologies and procedures for initiating, planning, analyzing, and ultimately designing and building long-term sustainable river and stream stabilization/rehabilitation projects. Innovative, environmentally sensitive, and cost-effective approaches to restoration will be discussed. Comprehensive case studies will be presented.

Stormwater Pollution Modeling for LID, TMDL, and Retrofitting Analyses – An Overview of WinSLAMM

Caroline Burger, P.E.,
Water Resources Engineer, Brown and Caldwell

Dr. Robert Pitt, Ph.D., P.E.,
Emeritus Cudworth Professor of Urban Water Systems, University of Alabama

James Bachhuber, P.H.,
Brown and Caldwell

Douglas Joachim, P.E.,
Water Resources Engineer, Brown and Caldwell

Course Description:

This is a hands-on, computer-based course. The course will demonstrate how to use WinSLAMM to utilize source area stormwater controls to maintain or create a hydrologically functional landscape that mimics natural watersheds’ hydrologic functions (volume, frequency, recharge, and discharge). By integrating source area controls into site design, the designer can assess the pre-development and post-development/managed site’s runoff volume and annual pollutant loads.

For questions regarding registration
please contact us at: **805-679-7631**

Conference Tracks



B Stormwater Infrastructure and Best Management Practices

Examples of structural and nonstructural best management practices to achieve water-quality goals

G Green Infrastructure

Low-impact development (LID) techniques as well as smart growth and other green infrastructure practices

P Stormwater Permit Compliance

Aspects of complying with NPDES permits and integrating the stormwater program with TMDL development

S Funding, Staffing, and Managing the Stormwater Program

Funding and staffing issues affecting municipal and state programs, including stormwater utilities, credit trading, and public-private partnerships

D Industrial Stormwater Management

Industrial stormwater management and permitting, focusing on publicly and privately owned facilities covered by industrial stormwater permits or EPA's stormwater multi-sector general permit

R Research and Testing

Comparing BMP performance, evaluating testing protocols, and trends in stormwater research

Conference Course Schedule

TUESDAY, AUGUST 20, 2019

9:45 a.m. – 12:00 p.m.	Stormwater Infrastructure and BMPs
	Green Infrastructure I
	Green Infrastructure II
	Stormwater Permit Compliance
	Research and Testing
1:30 p.m. – 3:00 p.m.	Stormwater Infrastructure and BMPs
	Green Infrastructure I
	Green Infrastructure II
	Stormwater Permit Compliance
	Research and Testing
3:30 p.m. – 5:00 p.m.	Stormwater Infrastructure and BMPs
	Green Infrastructure
	Stormwater Permit Compliance
	Funding, Staffing, and Managing the Stormwater Program
	Research and Testing

WEDNESDAY, AUGUST 21, 2019

8:30 a.m. – 10:00 a.m.	Stormwater Infrastructure and BMPs
	Green Infrastructure
	Stormwater Permit Compliance
	Funding, Staffing, and Managing the Stormwater Program
	Industrial Stormwater Management
10:30 a.m. – 12:00 p.m.	Stormwater Infrastructure and BMPs
	Green Infrastructure
	Stormwater Permit Compliance
	Funding, Staffing, and Managing the Stormwater Program
	Industrial Stormwater Management
1:30 p.m. – 3:00 p.m.	Stormwater Infrastructure and BMPs
	Green Infrastructure
	Stormwater Permit Compliance
	Funding, Staffing, and Managing the Stormwater Program
	Industrial Stormwater Management
3:30 p.m. – 5:00 p.m.	Stormwater Infrastructure and BMPs
	Green Infrastructure
	Stormwater Permit Compliance
	Funding, Staffing, and Managing the Stormwater Program

THURSDAY, AUGUST 22, 2019

8:00 a.m. – 12:00 p.m.	PANEL DISCUSSIONS
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Conference Courses

Tuesday, August 20

9:45 a.m. – 12:00 p.m.

STORMWATER INFRASTRUCTURE AND BMPs

B11 9:45 a.m. – 10:25 a.m.
Maintenance Inspection Program: Stormwater Management Facilities over Time
Jason Schmidt, City of Portland, OR, Bureau of Environmental Services

B12 10:30 a.m. – 11:10 a.m.
BMPs: It's All in Vain If It's Not Maintained
Pasquale Napolitano, Hydro International

B13 11:15 a.m. – 11:55 a.m.
Managing a Successful Stormwater Planned Maintenance Program
Anna Griggs, Apex Companies LLC

GREEN INFRASTRUCTURE I

G11 9:45 a.m. – 10:25 a.m.
Evaluating Stormwater Benefits of Atlanta's Urban Forest System
Amanda Hallauer, City of Atlanta Department of Watershed Management Eric Kuehler, US Forest Service

G12 10:30 a.m. – 11:10 a.m.
Trees and Water-Sensitive Urban Design
Matthew Werle, GreenBlue Urban

G13 11:15 a.m. – 11:55 a.m.
Growing Green Infrastructure in Dayton Through Urban Gardens
Felicia Graham, City of Dayton, OH, Department of Water

GREEN INFRASTRUCTURE II

G15 10:30 a.m. – 11:10 a.m.
From Stormwater BMP to a Wildlife Sanctuary: Success Through Many Stakeholders
Susan Rutherford, City of Atlanta Lenny Tucciarone, City of Atlanta Anwer Ahmed, Arcadis

G16 11:15 a.m. – 11:55 a.m.
RiverSmart Homes: Best Management Practices and the Public
Kevin Newman, District of Columbia Department of Energy and Environment Savannah Acosta, District of Columbia Department of Energy and Environment

PERMIT COMPLIANCE

P11 9:45 a.m. – 10:25 a.m.
Countywide Watershed Management Strategies to Meet MS4 Permit Requirements
Jody Hughey, Arcadis Todd Stevenson, Athens-Clarke County, GA Eric Byrne, Tetra Tech

P12 10:30 a.m. – 11:10 a.m.
Instituting a Structural Stormwater Control Permit Requirement in NPDES Phase I Stormwater Permits in Washington State
Douglas Howie, Washington State Department of Ecology

P13 11:15 a.m. – 11:55 a.m.
Common Pitfalls in Using Permit Language in Local Ordinances
Mary Halley, Wood Environment and Infrastructure Solutions Inc.

RESEARCH & TESTING

R11 9:45 a.m. – 10:25 a.m.
Using High-Resolution Experimental Rainfall-Runoff Data to Calibrate Existing Stormwater Management Models for Extensive Green Roofs
Oscar Warmerdam, Green Roof Specialty Products Brad Garner, Green Roof Specialty Products

R12 10:30 a.m. – 11:10 a.m.
Automating the Process of Runoff Catchment Delineation for Hydrologic Modeling
Prasanna Dahal Jr., Arcadis US Inc.

R13 11:15 a.m. – 11:55 a.m.
Accuracy of NRCS Runoff and Curvilinear Unit Hydrograph Approach for Estimating Peak Flow
William Gonwa, Milwaukee School of Engineering

Tuesday, August 20

1:30 p.m. – 3:00 p.m.

STORMWATER INFRASTRUCTURE AND BMPs

B21 1:30 p.m. – 2:10 p.m.
Adapting Stormwater Management for Coastal Floods
Douglas Marcy, National Oceanic and Atmospheric Administration

B22 2:15 p.m. – 2:55 p.m.
Evaluating Old Urban Stormwater Models to Incorporate Updated Watershed Characteristics Subject to Climate and Land-Use Change Scenarios
Mehdi Ketabchy, Gannett Fleming Inc. Hunter Loftin, Gannett Fleming Inc.

GREEN INFRASTRUCTURE I

G21 1:30 p.m. – 2:10 p.m.
Building a Comprehensive Green Infrastructure Management Program Through Design, O&M, and Monitoring Plan Development
Mark Van Auken, Arcadis Ruth Hocker, City of Lancaster, PA

G22 2:15 p.m. – 2:55 p.m.
Implementing Atlanta's Green Infrastructure Strategic Plan
Susan Rutherford, City of Atlanta Department of Watershed Management

FOR THE LATEST
CONFERENCE DETAILS,
PLEASE VISIT:

WWW.STORMCON.COM

GREEN INFRASTRUCTURE II

G23 1:30 p.m. – 2:10 p.m.
Regenerative Stormwater Conveyance in Gwinnett County: Developing a Functional Educational Tool
Charles Crowell, Gwinnett Department of Water Resources
Elizabeth Gwinn, Tetra Tech

G24 2:15 p.m. – 2:55 p.m.
Leveraging Arts and Culture in Green Infrastructure: Lessons Learned in Atlanta and Chicago
Austin Robinson, Southface
Alex Trachtenberg, Southface
Anna Wolf, Center for Neighborhood Technology
Marcella Bondie Keenan, Center for Neighborhood Technology

PERMIT COMPLIANCE

P21 1:30 p.m. – 2:10 p.m.
Utilizing Asset Management Software for IDDE Tracking and Reporting
Melissa Ivancevich, City of Shoreline, WA

P22 2:15 p.m. – 2:55 p.m.
Adaptive Management of Municipal Catch Basin Cleaning Operations in the Digital Age
Christy Villa, Hoch Consulting
Genel Abordo, Hoch Consulting
Sinan Habeeb, Hoch Consulting

RESEARCH AND TESTING

R21 1:30 p.m. – 2:10 p.m.
Workplan for Site-Scale Modeling and BMP Planning in San Antonio River Basin
Yu-Chun Su, LAN
Sheeba M. Thomas, San Antonio River Authority
Paul Hummel, RESPEC

R22 2:15 p.m. – 2:55 p.m.
Developing a Stormwater Control Measure Sizing Credit for the Infiltration Improvements Attributable to Plants
Scott Dierks, GEI Consultants Inc.

Tuesday, August 20 3:30 p.m. – 5:00 p.m.

STORMWATER INFRASTRUCTURE AND BMPs

B31 3:30 p.m. – 4:10 p.m.
How to Streamline Green Infrastructure and Stormwater BMP Design for Transportation Projects
Anwer Ahmed, Arcadis
Rich Greuel, Arcadis
Brad McManus, Georgia Department of Transportation

B32 4:15 p.m. – 4:55 p.m.
Interconnecting Stormwater Models to Analyze Complex Drainage Systems for Large Infrastructure Projects
Dmitrijs Obolevs, Arup

GREEN INFRASTRUCTURE

G31 3:30 p.m. – 4:10 p.m.
Green Infrastructure Use for Watershed Resiliency: Rainwater/Stormwater Harvesting for Beneficial Uses
Neal Shapiro, City of Santa Monica

G32 4:15 p.m. – 4:55 p.m.
Where Water Falls: Place-Based Treatment of Water Where It Falls
Joanne Rodriguez, GreenStructure Ltd.
Mary Ann Uhlmann, Urban Horticulture Consulting

PERMIT COMPLIANCE

P31 3:30 p.m. – 4:10 p.m.
Continuous Water-Quality Monitoring Data: A Complete Data Set
Ben Hammond, Woolpert Inc.
Jon Batson, Anderson County, SC
Tim Sherbert, Spartanburg County, SC

P32 4:15 p.m. – 4:55 p.m.
Basic Sampling Techniques, Explained and Simplified
John Cummings, NV5 Inc.

FUNDING, STAFFING, AND MANAGING

S31 3:30 p.m. – 4:10 p.m.
US Department of Agriculture Funding for Stormwater Infrastructure Projects in Small and Rural Communities
Valdis Krumins, USDA Rural Utilities Service
Lorrie Davis, USDA Rural Utilities Service
Steve Polacek, USDA Rural Utilities Service

S32 4:15 p.m. – 4:55 p.m.
The Onondaga County Save the Rain Program: Maximizing Environmental Benefit of CSO Reduction With Budget Constraints
Zachary Monge, Jacobs

RESEARCH & TESTING

R31 3:30 p.m. – 4:10 p.m.
Data-Driven Management Decisions to Address a Fecal Coliform Impairment in the May River, Bluffton, SC
Beth Lewis, Town of Bluffton, SC

R32 4:15 p.m. – 4:55 p.m.
Phosphorus Removal in Stormwater by Electrocoagulation
Jong-Yeop Kim, Florida Gulf Coast University

Wednesday, August 21 8:30 a.m. – 10:00 a.m.

STORMWATER INFRASTRUCTURE AND BMPs

B41 8:30 a.m. – 9:10 a.m.
Lake Smith Weir, Concept to Completion: Hazard Classification Opinion Analysis and Construction Issues
Seshadri Iyer, AECOM
Michael Mundy, City of Virginia Beach, VA

B42 9:15 a.m. – 9:55 a.m.
Improving Atlanta’s Dean Rusk Park Through Green Infrastructure and Adaptive Controls
Matthew Jones, Hazen and Sawyer
Dayton Marchese, Opti

GREEN INFRASTRUCTURE

G41 8:30 a.m. – 9:10 a.m.
Retrofitting New York City Public Properties with Green Infrastructure
Swati Kalia, Arup
Eme Williams-Blake, Arup

G42 9:15 a.m. – 9:55 a.m.
Retrofitting Roadways with Permeable Pavers in Atlanta
Cory Rayburn, City of Atlanta, GA

PERMIT COMPLIANCE

P41 8:30 a.m. – 9:10 a.m.
Enhancing Water Quality Through Bacteria Watershed Action Plans
Angela Vandelay, Wood Environment and Infrastructure Solutions Inc.

P42 9:15 a.m. – 9:55 a.m.
An *E. coli* TMDL: Now What?
Brian Behrens, Woolpert Inc.
Tim Sherbert, Spartanburg County, SC
Jon Batson, Anderson County, SC

FUNDING, STAFFING, AND MANAGING

S41 8:30 a.m. – 9:10 a.m.
Leveraging Technology and Policy to Create a Defensible Capital Improvement Program
Richard Greuel, Arcadis
Jill Bazinett, City of Alpharetta, GA

S42 9:15 a.m. – 9:55 a.m.
Evaluating Funding Options for the Village of Wilmette’s Stormwater Capital Improvement Program
Jill Wu, Raftelis Financial Consultants
Keith Reading, Raftelis Financial Consultants
Brigitte Berger-Raish, Village of Wilmette, IL

INDUSTRIAL STORMWATER MANAGEMENT

D41 8:30 a.m. – 9:10 a.m.
BMP Strategies, Selection, and Implementation at NPDES-Regulated Industrial Stormwater Facilities: A Tiered Approach for an Increased Regulatory Compliance Trajectory
Jonathan Meronek, SCS Engineers

D42 9:15 a.m. – 9:55 a.m.
Tackling Industrial Stormwater Compliance in the Chattahoochee River Watershed
Jessica Sterling, Chattahoochee Riverkeeper
Jason Ulseth, Chattahoochee Riverkeeper

Wednesday, August 21
10:30 a.m. – 12:00 p.m.

STORMWATER INFRASTRUCTURE AND BMPs

B51 10:30 a.m. – 11:10 a.m.
Stormwater Modeling Done Right
Douglas Beyerlein, Clear Creek Solutions Inc.
Joseph Brascher, Clear Creek Solutions Inc.

B52 11:15 a.m. – 11:55 a.m.
Developing a Proactive Risk of Failure Analysis to Drive a Stormwater Inspection Program for the City of San Antonio
Noelle Gaspard, RJN Group

GREEN INFRASTRUCTURE

G51 10:30 a.m. – 11:10 a.m.
Adapting Green Infrastructure Tracking, Design, and Evaluation Methods for a Variety of Program Goals
Allysondria Eason, Hazen and Sawyer

G52 11:15 a.m. – 11:55 a.m.
Monitoring the Effectiveness of Green Infrastructure
Lara Kurtz, AKRF

PERMIT COMPLIANCE

P51 10:30 a.m. – 11:10 a.m.
The District of Columbia’s Pollution Prevention Plan for Municipal Facilities
Clara Elias, District of Columbia Department of Energy and Environment

P52 11:15 a.m. – 11:55 a.m.
From West to East: NPDES Trends From the Left Coast
Sean Porter, Apex Companies LLC

FUNDING, STAFFING, AND MANAGING

S51 10:30 a.m. – 11:10 a.m.
Lessons From 45 Years of Stormwater Management
Andrew Reese, Wood Environment and Infrastructure Solutions Inc.

S52 11:15 a.m. – 11:55 a.m.
Atlanta’s Water Equity Roadmap
Todd Hill, Atlanta Department of Watershed Management
Darryl Haddock, West Atlanta Watershed Alliance

INDUSTRIAL STORMWATER MANAGEMENT

D51 10:30 a.m. – 11:10 a.m.
Industrial Stormwater Treatment as Early Action Initiatives on Superfund Sites
Nathan Holloway, Clear Water Services LLC

D52 11:15 a.m. – 11:55 p.m.
Minnesota’s Experience With Coal-Tar Sealants and PAHs in Stormwater Ponds



Wednesday, August 21

1:30 p.m. – 3:00 p.m.

STORMWATER INFRASTRUCTURE AND BMPs

B61 1:30 p.m. – 2:10 p.m.
**Score! Towson University
Rehabilitates Large-Diameter CMP
Directly Under Football Stadium**
*Tom Perry, Multi Utilities Ventures
Joe Cherry, AP/M Permaform*

B62 2:15 p.m. – 2:55 p.m.
**Systematic Design of Sponge City
Construction in Beijing, China**
*Yongwei Gong, Beijing University of Civil
Engineering and Architecture
Jianlong Wang, Beijing University of Civil
Engineering and Architecture*

GREEN INFRASTRUCTURE

G61 1:30 p.m. – 2:10 p.m.
**Modeling of Green
Infrastructure Practices**
*Dmitrijs Obolevics, Ove Arup and
Partners PC
Swati Kalia, Ove Arup and Partners PC*

G62 2:15 p.m. – 2:55 p.m.
**Sustainable Design and the
Evolving Standard of Care**
Jean Terry, Manion Stigger LLP

PERMIT COMPLIANCE

P61 1:30 p.m. – 2:10 p.m.
**Green Infrastructure Bioswale
BMP Performance Demonstration
Project in Harris County, TX**
*Yu-Chun Su, LAN
Roberto J. Vega III, Harris County Flood
Control District*



P62 2:15 p.m. – 2:55 p.m.
**City of Calgary Stormwater
Loading Targets Development**
Stacey Zhao, City of Calgary, AB

FUNDING, STAFFING, AND MANAGING

S61 1:30 p.m. – 2:10 p.m.
**Watershed-Wide NPDES Permits:
Conflict, Communication,
and Consensus**
Heather Merenda, City of Santa Clara, CA

S62 2:15 p.m. – 2:55 p.m.
**Tools for Tracking Multiple NPDES
Properties at the Port of Los Angeles**
*Rachel McPherson, Port of Los Angeles
Jason Locklin, CloudCompli*

INDUSTRIAL STORMWATER MANAGEMENT

D61 1:30 p.m. – 2:10 p.m.
**Water Management on a
Solid Waste Facility**
*Kristine Sommer, Clear Water Services
LLC*

D62 2:15 p.m. – 2:55 p.m.
**Is Your Roof Providing More
Than Shelter? Treating
Industrial Roof Runoff**
Paul Eger, Global Minerals Engineering

Wednesday, August 21

3:30 p.m. – 5:00 p.m.

STORMWATER INFRASTRUCTURE AND BMPs

B71 3:30 p.m. – 4:10 p.m.
**Expanding Asset Protection to
Include Stream Restoration**
Joel McSwain, Hazen and Sawyer

B72 4:15 p.m. – 4:55 p.m.
**Going With the Flow: The
Benefits and Challenges of
Stream Restoration Projects in
Achieving Restoration Goals**
Chris French, Bio Clean Environmental

GREEN INFRASTRUCTURE

G72 3:30 p.m. – 4:10 p.m.
**Integrating Green Infrastructure
Into Nonpoint-Source and
Stormwater Management in Georgia**
Christine McKay, US EPA

G74 4:15 p.m. – 4:55 p.m.
**A Holistic Approach to Stormwater
Management in Los Angeles:
What Does That Look Like?**
*Mark Van Auken, Arcadis
Khaled Abdo, Arcadis
Kelsey Jessup, The Nature Conservancy*

PERMIT COMPLIANCE

P71 3:30 p.m. – 4:10 p.m.
**Saving Time and Cost Through an
Umbrella Pollution Prevention Plan**
Richard Greuel, Arcadis

P72 4:15 p.m. – 4:55 p.m.
**Silt Fence Rules of Thumb:
Guiding or Misguided?**
*J.P. Johns, Woolpert
Jackie Williams, South Carolina
Department of Transportation*

FUNDING, STAFFING, AND MANAGING

S71 3:30 p.m. – 4:10 p.m.
**Atlanta's Environmental Impact
Bond for Green Infrastructure**
*Glen Behrend, Atlanta Department of
Watershed Management
David Bell, Jacobs Engineering Services*

S72 4:15 p.m. – 4:55 p.m.
**Stormwater Funding Review
for the Unified Government of
Athens-Clarke County, GA**
*Kyle Stevens, Stantec Consulting Services
Todd Stevenson, Athens-Clarke County*

Thursday, August 22

8:00 a.m. – 12:00 p.m.

PANEL DISCUSSIONS Regency Ballroom

Exhibition



Exhibitors

If you've exhibited at regional and national events that target the general water, engineering, pollution, government, or construction fields, you'll be amazed at the difference that comes from exhibiting at a highly focused event designed specifically for the surface water-quality professionals you target, many of whom attend with the intention of shopping for products and technology.

ATTENDEES INCLUDE:

- Aquatic biologists
- Civil and environmental engineers
- Consultants
- Ecologists and scientists
- Instructors and researchers at universities and research institutes
- Landscape engineers and architects
- Policy makers
- Professionals from municipal and government engineering
- Public works personnel
- Stormwater managers
- Urban planners



STORMCON EXHIBITORS INCLUDE:

- Associations
- CSO systems
- Consultants
- Contractors
- Designers
- Distributors
- Engineers
- Federal, state, and local agencies
- Filtration and drainage equipment manufacturers
- Flood-control systems
- Green infrastructure
- Liners
- Low impact development
- Monitoring/sampling/sensor equipment
- Oil/water separators
- Permeable pavements
- Pipes/valves
- Sealants
- Skimmers
- Software
- Storage/detention systems
- Sweepers
- Vacuum equipment systems

Exhibit Hall

All StormCon attendees have access to the exhibit hall to discover the latest technologies and solutions, up close and personal, from market-leading companies. And don't miss the Welcome Reception on Monday, August 19, at 4:00 p.m. If you've arrived by Monday evening, take full advantage of this very casual networking opportunity and enjoy fine food and drink, all while getting a first look at the shared exhibit space.

For your exhibitor services needs, please contact Michael Donnell, Team Manager of Exhibit Services, at 918-831-9707 or email michaeld@pennwell.com.

Contact Brigette Burich, Events Director, at 805-679-7631 or email bburich@forester.net for additional information.

Registration

EARLY BIRD REGISTRATION: Please note that Early Bird discounted fees for the conference packages are applicable to all registrations received prior to June 15, 2019. **Pre-conference workshops and the pre-conference CISEC Certification and Exam Course are not included in conference package options and are not subject to Early Bird discounts.**

FULL CONFERENCE PACKAGE

EARLY BIRD REGISTRATION	
Registration Type	Rate prior to June 15
Attendee	\$575
Speaker	\$475
Student	\$150
STANDARD REGISTRATION	
Registration Type	Rate after June 15
Attendee	\$625
Speaker	\$575
Student	\$175

TWO-DAY CONFERENCE PACKAGE

EARLY BIRD REGISTRATION	
Registration Type	Rate prior to June 15
Attendee	\$525
Speaker	\$425
Student	\$125
STANDARD REGISTRATION	
Registration Type	Rate after June 15
Attendee	\$575
Speaker	\$525
Student	\$150

ONE-DAY CONFERENCE PACKAGE

EARLY BIRD REGISTRATION	
Registration Type	Rate prior to June 15
Attendee	\$425
Speaker	\$375
Student	\$100
STANDARD REGISTRATION	
Registration Type	Rate after June 15
Attendee	\$475
Speaker	\$425
Student	\$125

PRE-CONFERENCE COURSES

Registration Type	Rates
Attendee	\$300
Student	\$80

BMP Selection to Improve Your Watershed
Monday, August 19, 8:00 a.m. – 4:00 p.m.

Planning for Effective Sediment and Erosion Control
Monday, August 19, 8:00 a.m. – 4:00 p.m.

Repairing Entrenched and Degraded (Urbanized) Streams: Techniques & Case Studies for Natural Channel Design and Bioengineering
Monday, August 19, 8:00 a.m. – 4:00 p.m.

Stormwater Pollution Modeling for LID, TMDL, and Retrofitting Analyses – An Overview of WinSLAMM
Monday, August 19, 8:00 a.m. – 4:00 p.m.

PRE-CONFERENCE CERTIFICATION COURSE AND EXAM: CISEC® Certified Inspector of Sediment and Erosion Control (CISEC®)

Training Modules:
Sunday, August 18, 8:30 a.m. – 4:30 p.m.
Monday, August 19, 8:30 a.m. – 12:00 p.m.

Certification Exam:
Monday, August 19, 1:00 p.m. – 4:30 p.m.

To register for this course

Please contact CISEC for details at 720-235-2783, or email hdi@ecentral.com

Group discounts are available:

Please contact Event Director Brigette Burich at (805) 679-7631 or bburich@forester.net for details and any questions regarding registration.

To register online:

<https://www.stormcon.com/registration/>

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