



*91st Annual Technical  
Exhibition & Conference*

**New Orleans Morial Convention Center  
New Orleans, LA**  
September 29 - October 3, 2018

Hazen and Sawyer is once again honored to provide dozens of presentations by our top engineers and scientists to WEFTEC attendees.

For more hands-on, personalized consultation with our technical experts, please be sure to check out our mobile sessions and workshops (listed below).

We look forward to seeing you at WEFTEC 2018!

<b>Workshops</b>	<b>Facilitator(s)</b>	<b>Session</b>	<b>Date/Time</b>
<b>Sunday, September 30<sup>th</sup></b>			
Advanced Workshop in Design, Start-Up and Optimization of Vapor Phase Odor Control Technologies	Richard Pope	W18	8:55-9:05 AM
Station # 4: In-Situ Nutrient Measurement	Micah Blate	W19	9:00 AM-4:30 PM
Station # 3: Microscopy ("the bugs")	Robert Sharp	W19	9:00 AM-4:30 PM

<b>Mobile Sessions</b>	<b>Speaker(s)</b>	<b>Session</b>	<b>Date/Time</b>
<b>Monday, October 1<sup>st</sup></b>			
Membranes	Troy Walker	229	3:45-5:00 PM
<b>Tuesday, October 2<sup>nd</sup></b>			
Aeration Blowers	Joe Rohrbacher	430	1:30-5:00 PM
<b>Wednesday, October 3<sup>rd</sup></b>			
Nutrient Analyzers and Sensors	Alyssa Mayer; Phill Yi	531	9:00-10:30 AM

Presentations	Contact(s)	Session	Time
<b>Monday, October 1<sup>st</sup></b>			
Implementation of Aeration Control Strategies and Nitrate-Based Internal Mixed Liquor Recycle Control in an IFAS WWTF	Amanda Ford Charles Bott <sup>1</sup>	205	2:30-2:50 PM
Stay in Control of Your Control Strategy Using Advanced Simulation Tools	Katya Bilyk	205	2:30-3:00 PM
A National Review of Innovative and Integrated Stormwater Management Initiatives	Sandeep Mehrotra	214	2:30-3:00 PM
Taking a Deep Dive: Assessing a Critical Ocean Outfall Using High-Tech Underwater Inspection Tools	William Gettings Ethan Vidal <sup>6</sup>	218	2:30-3:00 PM
Fast-Track Design/Build of a 1 mgd Managed Aquifer Recharge Facility	Andrew Newbold Dwayne Amos	216	3:30-4:00 PM
Evaluating Peracetic Acid for Wet Weather Disinfection at the Metropolitan Sewer District of Greater Cincinnati Wet Weather Facilities	William Martin	210	4:30-5:00 PM
Storing CSO in the Middle of Brooklyn - Overcoming the Challenges Aboard	Geoffrey Grant <sup>2</sup> Norman Bradley	212	4:30-5:00 PM

**Tuesday, October 2<sup>nd</sup>**

Electricity Does Not Tell All: Approaches for Quantifying Sustainability with Case Studies Spanning Water, Wastewater, and Biosolids Treatment	Stephanie Ishii	308	8:30-9:00 AM
Application of a Dynamic Dilution and Decay Method to Calculate Effluent Total Residual Chlorine Limits	Robert Sharp	325	10:30-11:00 AM
Impact of Ozonation and Electrocoagulation on Refractory Nutrients Generated from Thermal Hydrolysis Processes	Greg Pace	322	11:30 AM-12:00 PM
Sidestream RAS Fermentation for Stable Bio-P with A-stage Fermenter as Supplemental Carbon Source	Lindsey Ferguson <sup>1</sup> Ankit Pathak	407	2:00-2:30 PM
Disinfection of Viral Indicators and Treatability Implications for WRRFs	Thomas Worley-Morse	425	3:30-4:00 PM
Landfill Leachates in Influent Wastewaters: Potential Impacts on Disinfection and a Biological Treatment Strategy	Ankit Pathak	402	4:00-4:30 PM
UV Inactivation of Indigenous Male Specific and Somatic Coliphages and Treatment Implications	Thomas Worley-Morse Raul Gonzalez <sup>1</sup>	425	4:30-5:00 PM
After the Fire: Biosolids Planning for a Sustainable Future	Micah Blate Joshua Palombo <sup>4</sup>	420	4:30-4:40 PM

Presentations	Contact(s)	Session	Time
<b>Wednesday, October 3<sup>rd</sup></b>			
Lower Nitrogen with a Small Budget and Ingenuity	Michael Parsons <sup>1</sup> Katya Bilyk	504	9:00-9:30 AM
Utilizing HACCP in a Carbon-Based Treatment Process for Managed Aquifer Recharge	Troy Walker	519	9:00-9:30 AM
Prioritizing Green Infrastructure for Phosphorus Reduction Within Boston's MS4	Matthew Jones Chuck Wilson	513	9:00-9:30 AM
How to Best Prepare for a Major Change in Technology	Matthew Van Horne Sarah Motsch <sup>5</sup>	528	11:30 AM-12:00 PM
Evaluation of Sidestream Deammonification Process Enhancements for Treating High Strength Filtrate at the City of Raleigh's Neuse River RRF	Erika Bailey <sup>3</sup> Katya Bilyk	606	2:30-3:00 PM

<sup>1</sup>HRSD

<sup>2</sup>Brown and Caldwell

<sup>3</sup>City of Raleigh Public Utilities

<sup>4</sup>Cape May County Municipal Utilities Authority

<sup>5</sup>Fairfax County Department of Public Works and Environmental Services

<sup>6</sup>Pure Technologies

Hazen and Sawyer is proud to support WEFTEC and our engineers and scientists who hold leadership positions in the Water Environment Federation.

**Visit [hazenandsawyer.com](http://hazenandsawyer.com) for more information or to sign up for our newsletter.**

