



CREATE CONNECTIONS.



TRANSFORM TOMORROW.



2022

CONFERENCE: October 8–12

EXPO: October 10–12

NEW ORLEANS, LA

[weftec.org](https://www.weftec.org) | [#WEFTEC22](https://twitter.com/WEFTEC22)

OFFICIAL ONSITE GUIDE



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WELCOME

Welcome to WEFTEC 2021 and to the City of Chicago.
We are so glad that you have joined us! 

Believe it or not, this is WEF's **95th** annual technical exhibition and conference, and it is not to be missed.

Connecting is our focus for WEFTEC 2021. The sense of isolation that many of us felt during the pandemic can best be remedied by interacting with others in person. If you are like me, you missed your water colleagues and could not wait to come back together in a tangible and personal way to connect, collaborate, learn, and, of course, have some fun.

Here in Chicago, you will see old friends and colleagues, meet new people, and expand your professional networks. For this WEFTEC, we have also added new opportunities for connecting, including Learning Exchanges, which provide the opportunity to meet and interact with your peers. Share your experiences, gain knowledge, and hear perspectives on topics important to you, your career, and the water sector.

And when you're ready to be inspired, head over to the Operations Challenge to see world-class operators in action. (If you're lost, follow your ears to the cheering section!)

I hope you will join me at the receptions on the exhibition floor where all are welcome. As a special feature, there will be designated meet-ups for women in water, people of color, and LGBTQ advocates.

Of course, the exhibition floor is always a place to spend a lot of time. It's your chance to again see equipment and technology first-hand and get your questions answered by the experts

who know it best. Be sure to visit the Innovation Pavilion to see cutting-edge technologies and get a window into the future.

Thank you all for attending WEFTEC, and I hope to speak with many of you during the event!

Lynn Broaddus
WEF President

FPO BOARD OF TRUSTEES

The Water Environment Federation® (WEF®) gratefully acknowledges the dedication and leadership of the Board of Trustees. This group of visionary individuals and their commitment to work to achieve our mission of preserving and enhancing the global water environment help to make WEF a leader in the water sector.

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THE SPONSORS

WEF thanks our sponsors for their generous support of programs and events at WEFTEC 2022.

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ONSITE REGISTRATION & CUSTOMER SERVICE

Hall G – Street Level

Visit Customer Service to add a workshop or special event to your registration.

	ATTENDEES and SPEAKERS	EXHIBITORS
Wednesday, October 5		8:00 AM – 5:00 PM
Thursday, October 6		8:00 AM – 5:00 PM
Friday, October 7	3:00 PM – 5:00 PM	8:00 AM – 5:00 PM
Saturday, October 8	7:00 AM – 5:00 PM	7:00 AM – 5:00 PM
Sunday, October 9	7:00 AM – 6:00 PM	7:00 AM – 6:00 PM
Monday, October 10	7:00 AM – 5:00 PM	7:00 AM – 5:00 PM
Tuesday, October 11	8:00 AM – 5:00 PM	8:00 AM – 5:00 PM
Wednesday, October 12	8:00 AM – 3:00 PM	8:00 AM – 3:00 PM

WHAT IS INCLUDED WITH MY CONFERENCE REGISTRATION?

Exhibitor Booth Personnel, Full Conference & Expo Attendees, and Operations Challenge Team Members

- Technical Sessions (earn PDHs)
- Complete conference proceedings
- Exhibition (earn contact hours)
- Exhibit Hall Networking Reception
- Learning Exchanges, Main Stage events, and presentations in exhibit hall theaters (no credit awarded)
- WEFTEC Live broadcasts

Expo Only Attendees & Spouses/Guests

- Exhibition (earn contact hours)
- Exhibit Hall Networking Reception
- Learning Exchanges, Main Stage events, and presentations in exhibit hall theaters (no credit awarded)
- WEFTEC Live broadcasts

WHAT IS THE STICKER ON THE BACK OF MY BADGE?

The small beacon attached to the back of attendees' badges is eventBit®. It transmits a Bluetooth Low Energy signal picked up by various reader devices placed throughout the exhibit halls. WEF uses the behavioral data gathered through eventBit to improve our understanding of attendees' interests, and to suggest WEF products & services that may meet your individual interest based on your WEFTEC journey. **eventBit®** does not track continuing education credits.

If you want to opt out, go to one of the Attendee Customer Service counters at Badge Pickup/Registration in Hall G to have the eventBit beacon deactivated and receive a new badge at no cost.

WHAT SHOULD I DO IF I LOSE OR DAMAGE MY BADGE?

Go to one of the Customer Service counters in Hall G to have your badge reprinted. Photo ID is required.

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SCHEDULE AT A GLANCE

Subject to change. Activities occur at the New Orleans Morial Convention Center unless indicated otherwise.
Times listed reflect U.S. Central Time Zone for New Orleans.

SATURDAY, OCTOBER 8	
8:30 AM – 5:00 PM	Workshops Full schedule appears on pages <i>XX to XX</i> . Additional fees apply.
9:00 AM – 4:00 PM	WEF Community Service Project
SUNDAY, OCTOBER 9	
8:00 AM – 4:00 PM	University Student Design Competitions
8:30 AM – 5:00 PM	Workshops
MONDAY, OCTOBER 10	
8:30 AM – 9:30 AM	Main Stage: Opening General Session, <i>featuring Shama Hyder</i>
8:30 AM – 5:30 PM	Exhibition
10:00 AM – 12:00 PM	Exhibition Power Hours
9:45 AM – 11:00 AM	WEFTEC 101: First Timers’ Orientation
10:00 AM – 4:00 PM	Operations Challenge Competition: Laboratory and Process Control Events
1:00 PM – 4:00 PM	Career Fair for Students and Young Professionals
1:30 PM – 3:00 PM	Technical Sessions & Learning Exchanges Full schedule appears on pages <i>XX to XX</i> .
1:30 PM – 5:00 PM	Water Policy Update 1:30 PM – 3:00 PM U.S. Federal Partners’ Perspectives 3:30 PM – 5:00 PM Water Sector Leadership’s Perspectives
3:30 PM – 5:00 PM	Technical Sessions & Learning Exchanges
4:00 PM – 5:00 PM	Global Center and Innovation Pavilion Receptions

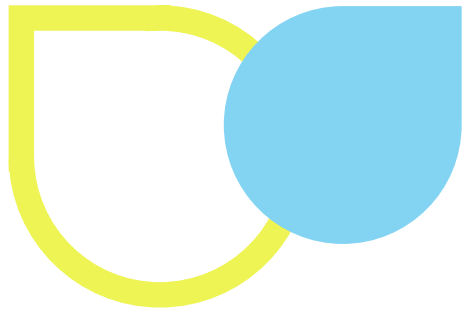
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SCHEDULE AT A GLANCE

Subject to change. Activities occur at the New Orleans Morial Convention Center unless indicated otherwise.
Times listed reflect U.S. Central Time Zone for New Orleans.

TUESDAY, OCTOBER 11	
8:30 AM – 9:30 AM	Main Stage: Waterside Chat Plenary Session
8:30 AM – 10:00 AM	Technical Sessions & Learning Exchanges
8:30 AM – 5:30 PM	Exhibition
10:00 AM – 12:00 PM	Exhibition Power Hours
9:00 AM – 4:00 PM	Operations Challenge Competition: Collections, KSB Maintenance, and Safety Events
12:30 PM – 5:00 PM	Workshop
1:00 PM – 3:00 PM	Utility Leaders Afternoon, including the Utility of the Future Today Awards, co-hosted by WEF, NACWA, US Water Alliance, WaterReuse, and WRF
1:30 PM – 3:00 PM	Technical Sessions & Learning Exchanges
3:30 PM – 5:00 PM	Technical Sessions & Learning Exchanges
4:00 PM – 4:45 PM	WEF Awards Blue Carpet Reception
4:00 PM – 5:00 PM	Exhibit Hall Networking Reception
5:00 PM – 5:45 PM	Main Stage: WEF Awards and Presidential Celebration Ceremony
5:30 PM – 7:30 PM	Operations Challenge Awards Reception at the Hilton Riverside
WEDNESDAY, OCTOBER 12	
8:30 AM – 10:00 AM	Technical Sessions & Learning Exchanges
8:30 AM – 3:30 PM	Exhibition
10:30 AM – 12:00 PM	Technical Sessions & Learning Exchanges
1:30 PM – 3:30 PM	Technical Sessions & Learning Exchanges

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MAIN STAGE EVENTS

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Great Hall B – Street Level

Be inspired, be informed, and be uplifted. The Main Stage features impactful speakers, special sessions, and events that celebrate the ingenuity, the achievements, and the resilience of our water family.

MONDAY, OCTOBER 10	
8:30 AM – 9:30 AM	Opening General Session, featuring Shama Hyder
TUESDAY, OCTOBER 11	
8:30 AM – 9:30 AM	Waterside Chat Plenary Session
5:00 PM – 5:45 PM	WEF Awards and Presidential Celebration Ceremony

Subject to change. Times listed reflect U.S. Central Time Zone for New Orleans.

WEFTEC LIVE

Get a glimpse inside what's happening at WEFTEC

This livestream broadcast from within WEFTEC 2022 will let everyone experience a sample of all that WEFTEC has to offer.

- Get a front-row seat for some of the Main Stage events.
- Join us in the WEFTEC Live Studio from the exhibition for **daily news reports and exclusive interviews.**
- Watch select highlights of everything happening throughout the conference and exhibition.

This no-cost, open-access livestream will be live in the mornings on Monday and Tuesday, October 10 and 11.

Special Thanks To Our WEFTEC Live Sponsor



TUNE IN TO THE LIVESTREAM



MONDAY, OCTOBER 10
8:25 AM until 1:30 PM CDT

TUESDAY, OCTOBER 11
8:25 AM until 1:30 PM CDT



All times Central
Daylight Time

SHUTTLE BUS SERVICE

Managed by Event Transportation Systems (ETS)

Complimentary transportation is available Sunday through Wednesday, October 9 – 12, between most conference hotels and the convention center in the morning and evening. Midday service is provided exclusively between the Hilton Riverside (headquarter hotel) and the convention center.



	MORNING	MIDDAY	AFTERNOON/EVENING
	Hotels to Convention Center Every 10-15 minutes*	Hilton Riverside only to Convention Center Every 15 minutes*	Convention Center to all hotels Every 10-15 minutes*
Sunday, October 9	6:30 AM – 10:30 AM	10:30 AM – 3:30 PM	3:30 PM – 6:30 PM
Monday, October 10	6:30 AM – 10:30 AM	10:30 AM – 3:30 PM	3:30 PM – 6:30 PM
Tuesday, October 11	6:30 AM – 10:30 AM	10:30 AM – 3:30 PM	3:30 PM – 6:30 PM
Wednesday, October 12	6:30 AM – 10:30 AM	10:30 AM – 2:00 PM	2:00 PM – 4:30 PM

*Frequency may vary depending upon traffic and weather conditions.

Where do I board the bus at my hotel?

Refer to page XX for bus boarding locations at hotels and route information.

Buses cannot stop directly in front of all hotels according to traffic patterns. Guests may have to walk a short distance to another hotel or to a nearby street corner to catch a bus.

Where do I board the bus at the convention center to return to my hotel?

Board buses at the Transportation Center on Convention Center Boulevard outside of Lobby G.



A vehicle with wheelchair lift is available on-call during all hours of operation. Guests requiring this service should call 877-875-2455 to schedule a pickup at least one hour prior to their desired pickup time.



The ETS-Next-Shuttle transportation app uses GPS technology to provide real-time, map-based views of shuttle bus locations; estimated arrival/pickup times at hotel shuttle stops; and instant alerts about schedule changes. Navigate to the ETS-Next-Shuttle app through the WEFTEC 2022 mobile app.

OFFICIAL CONFERENCE HOTELS

Hotels appearing in bold type are directly served by WEFTEC Shuttles. Guests of other hotels must walk to a hotel in bold type to board a shuttle bus.

RTE #	#	HOTEL	ADDRESS	PHONE	BOARDING LOCATION
1	8	Embassy Suites New Orleans	315 Julia St.	504-525-1993	Lobby Entrance
	12	Hilton Riverside (Headquarter Hotel)	2 Poydras St.	504-561-0500	Breezeway/Side Drive Entrance
	18	Loews New Orleans	300 Poydras St.	504-595-3300	Across S. Peters at Poydras St.
2	6	Doubletree New Orleans	300 Canal St.	504-581-1300	Across Tchoupitoulas St. at Gravier St.
	20	New Orleans Marriott	555 Canal St.	504-581-1000	Canal St. Entrance
	21	Old No. 77 Hotel & Chandlery	535 Tchoupitoulas St.	504-527-5271	Lobby Entrance
	5	Cambria Hotel New Orleans	632 Tchoupitoulas St.	504-524-7770	At the Old No. 77 Hotel
	16	Kimpton Hotel Fontenot	501 Tchoupitoulas St	504-571-1818	At the Old No. 77 Hotel
	28	Westin New Orleans Canal Place	100 Iberville St.	504-566-7006	Curbside on Canal St.
3	7	Eliza Jane, Unbound Collection by Hyatt	315 Magazine St.	504-882-1234	Curbside at Lobby Entrance
	27	voco St. James Hotel, an IHG Hotel	330 Magazine St.	504-304-4000	At the Eliza Jane hotel
	10	Higgins Hotel, Curio by Hilton	1000 Magazine St	504-528-1941	Curbside at Lobby Entrance
	17	La Quinta Inn & Suites Downtown	301 Camp St.	504-598-9977	Across Camp St. at Gravier St.
	22	Q&C Hotel, a Marriott Autograph Collection Hotel	344 Camp St.	504-587-9700	By the La Quinta Inn & Suites, across Camp St. at Gravier St.
	26	Sheraton New Orleans	500 Canal St.	504-525-2500	Lobby Entrance
	15	JW Marriott New Orleans	614 Canal St.	504-525-6500	At the Sheraton New Orleans
4	3	Astor Crowne Plaza	739 Canal at Bourbon St.	504-962-0500	Canal St. Entrance
	25	Royal Sonesta	300 Bourbon St.	504-586-0300	At the Astor Crowne Plaza
	24	Ritz-Carlton New Orleans	921 Canal St.	504-524-1331	Canal St. Entrance
5	1	AC Hotel by Marriott Bourbon/French Quarter	221 Carondelet St.	504-962-0700	At corner of Carondelet & Gravier Sts.
	2	Aloft Downtown	225 Baronne St.	504-581-9225	By the AC Hotel at corner of Carondelet & Gravier Sts.
	14	InterContinental New Orleans	444 St. Charles Ave.	504-525-5566	On Poydras at St. Charles Ave.
	4	Blake Hotel	500 St. Charles Ave.	504-522-9000	By the InterContinental on Poydras at St. Charles Ave.
	23	Residence Inn French Quarter/Central Business District	360 St. Charles Ave	504-522-0360	By the InterContinental on Poydras at St. Charles Ave.
	9	Hampton Inn & Suites Convention Center	1201 Convention Center Blvd.	504-566-9990	Walking distance
	11	Hilton Garden Inn Convention Center	1001 S. Peters St.	504-525-0044	
	13	Hyatt Place Convention Center	881 Convention Center Blvd.	504-524-1881	
	19	Marriott Warehouse Arts District	859 Convention Center Blvd.	504-613-2888	

MAP FPO

AMENITIES AND SERVICES

Located inside of the New Orleans Morial Convention Center unless otherwise indicated.

BUSINESS CENTER

The UPS Store
Lobby F – Street Level
Saturday, October 8 | 10:00 AM – 2:00 PM
Sunday, October 9 | TBA
Monday – Wednesday, October 10–12
7:00 AM – 4:00 PM
Call: 504-670-8941

CERTIFICATES OF ATTENDANCE

Available at an Attendee Customer Service counter in Hall G during published Badge Pickup/Registration hours (see page XX).

COAT AND BAG CHECK

Lobby I2 – Street Level
Saturday, October 8 | 7:30 AM – 5:30 PM
Sunday – Tuesday, October 9 – 11 | 7:00 AM – 6:30 PM
Wednesday, October 12 | 7:30 AM – 4:30 PM
Cost: \$3.00 per bag | \$2.00 per coat

CONCIERGE & RESTAURANT RESERVATIONS

On the Town Concierge
Lobby H – Street Level
Sunday, October 9 | 9:00 AM – 5:00 PM
Monday – Tuesday, October 10 – 11 | 9:00 AM – 5:30 PM
Wednesday, October 12 | 9:00 AM – 3:30 PM
Call: 504-592-0599

Make reservations at New Orleans' best restaurants or purchase entertainment and attraction tickets. Complimentary visitor guides, local maps, and directions also are available.

CONFERENCE MANAGEMENT OFFICE

Meeting Room 266 – Level 2
Saturday – Wednesday, October 8 – 12
7:00 AM – 5:30 PM
Call: 504-670-4614

CONFERENCE PROCEEDINGS

The WEFTEC 2022 conference proceedings are available starting October 8 exclusively online from Access Water, a powerful tool that houses over 20,000 pieces of WEF content (<https://www.accesswater.org>). Papers presented during Technical Sessions are included in the collection. Workshop content is not included.

Full Conference and Exhibition, Exhibitor Booth Personnel, and Operations Challenge Team Member registrants receive complimentary online access to the WEFTEC 2022 proceedings collection through October 27, 2023, and may download papers at no cost until that date. Between October 8 – 12, 2022, eligible participants will receive an email from weftec@wef.org with instructions for accessing the WEFTEC 2022 proceedings collection through Access Water.

Expo Only registrants and others may purchase and download either the full collection at a cost of \$490.00 or individual papers at a cost of \$11.50/each from Access Water.

Questions? Visit WEF staff in the Bookstore (Hall G) and ask for a demonstration of Access Water. You may also email WEF staff member Andrea Cale for more information: acale@wef.org.

EXHIBITION MANAGEMENT OFFICE

Booth 3471A, Hall E – Street Level
Wednesday – Friday, October 5 – 14
7:30 AM – 5:00 PM
Call: 504-670-4611

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AMENITIES AND SERVICES

Located inside of the New Orleans Morial Convention Center unless otherwise indicated.

FAMILY RESTROOMS & MOTHER'S ROOMS

Family restrooms are located in Lobbies B1, D, and H on the street level.

Mother's rooms for nursing or pumping are located in Lobbies B1 and H on the street level.

FIRST AID

Lobby D and Lobby H – Street Level

The First Aid station in Lobby D is open during published event hours, as well as during exhibitor move-in and move-out (October 3 – 14). The First Aid station in Lobby H is open during published event hours (October 8 – 12). Stations are staffed by paramedics and are fully equipped, including automated external defibrillators (AEDs) to respond to life-threatening occurrences.

Call 504-582-3040 from your mobile phone if you experience or observe a medical emergency while at the convention center. **Do not dial 911!** The convention center is a **large** facility. Its Public Safety personnel coordinate the movement of emergency services to the scene.

HOTEL HELP

WEFTEC Housing/Convention Management Resources, Inc. (CMR)

Lobby G – Street Level

Friday – Sunday, October 7 – 9 | 9:00 AM – 5:00 PM

Monday – Tuesday, October 10 – 11 | 9:00 AM – 5:30 PM

Wednesday, October 12 | 9:00 AM – 12:00 PM

Call: 504-670-4605

NEW! MINDFULNESS LOUNGE

Meeting Room 268 – Level 2

Saturday – Tuesday, October 8 – 11 | 8:00 AM – 5:30 PM

Wednesday, October 12 | 8:00 AM – 3:30 PM

The Mindfulness Lounge is a quiet space with reduced lighting where you can retire to process your thoughts and feelings, to meditate, or to pray.

SERVICES FOR PERSONS WITH DISABILITIES

The New Orleans Morial Convention Center is committed to providing superior service to all patrons and works closely with event organizers to provide reasonable measures to accommodate guests with disabilities.

- The convention center provides service ramps to entrances and elevated areas, automatic doors, an array of passenger elevators, restroom facilities, as well as Braille instructions and directional signage at strategic locations throughout the building.
- Mobility scooter rental is available at The UPS Store in Lobby F. Wheelchairs are also available upon request.
- Parking for persons with disabilities is offered in surrounding lots and is available on the first-come, first-served basis. Spaces are marked accordingly.
- Service animals are permitted at the convention center. The Federal ADA guidelines define a service animal as any guide dog, signal dog, or other animal individually trained to aid an individual with a disability. This includes psychiatric service animals that are individually trained to provide service to individuals with psychiatric or neurological disabilities, such as preventing or interrupting impulsive or destructive behaviors. It does not include emotional support or comfort animals. Service animals must be harnessed, leashed, or tethered at all times. A guest whose service animal poses a threat to the safety of other guests and employees may be asked to escort the animal off the premises.

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AMENITIES AND SERVICES

Located inside of the New Orleans Morial Convention Center unless otherwise indicated.

TRANSPORTATION CENTER

Located on Convention Center Boulevard outside of Lobby G

- WEFTEC hotel shuttle buses (October 9 – 12), as well as buses for the *WEF Community Service Project* (October 8) and Workshop 06 *Activated Sludge and BNR Process Control: Hands-On in the Real World* (October 9), pick up and drop off riders at the Shuttle Hub located directly across the street from the Lobby G entrance.
- Taxis, Lyft, and Uber pick up and drop off riders at the designated Taxi/Rideshare Zone (address: 400 Calliope Street).

WEFTEC 2023 ONSITE EXHIBIT SALES OFFICE

Great Hall D – Street Level 
Enter through Hall B1

Sunday, October 9 | 3:30 PM – 5:00 PM

Monday – Tuesday, October 10 – 11 | 9:00 AM – 5:30 PM

Wednesday, October 12 | 9:00 AM – 3:30 PM

Call: 504-670-4609

Exhibitors can reserve booth space for WEFTEC 2023 in Chicago. Appointment times are posted online at <https://www.weftec.org/2023OnsiteSales>.

WI-FI

Complimentary wireless internet service is available in meeting rooms, public spaces, and in designated exhibit hall hotspots. The bandwidth/speed is best suited to checking email and basic web browsing; not to streaming video or large data downloads. Connectivity is not guaranteed.

- Select the WEFTEC wireless network from the list of available networks on your device.
- Open a web browser (if one does not open automatically) to accept the terms and conditions.

TELEPHONE NUMBERS

Emergency Medical Services/Public Safety
504-582-3040

Business Center – The UPS Store
504-670-8941

Conference Management Office
504-670-4614

Concierge & Restaurant Reservations – On the Town Concierge
504-592-0599

Exhibition Management Office
504-670-4611

Global Center
504-670-4628

Hotel Help – WEFTEC Housing/CMR
504-670-4605

Shuttle Buses – Event Transportation Systems
877-875-2455

Speaker Prep Room
504-670-4630

WEF Membership Center
504-670-4626

WEFTEC 2023 Onsite Exhibit Sales Office
504-670-4609

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CONCESSIONS

GRAND CONCOURSE		
McDonald's	Level 2	
Connie's Restaurant	Level 2	Offers pizza and other Italian favorites like soups, salads, and sandwiches. Vegetarian options available.
Plate Room Food Court	Level 2.5	This eclectic food court offers several options to choose from: Little Italy, Pacific Rim, American Grill, The Carvery, "Express to Go," and Manny's, a Chicago tradition serving signature corned beef and pastrami. Vegan, vegetarian, and gluten-free options available.
Starbucks	Level 2.5	
23rd Street Café	Level 3	Grab-and-go service on Saturday, Sunday. Full service Monday, Tuesday, Wednesday. Offering fresh pastries, healthy sandwiches, and tasty salads along with featured "Windy City Harvest" selections from McCormick Place's Rooftop Garden. Vegan, vegetarian, and gluten-free options available.
Starbucks	Level 3	
EXHIBIT HALL A		
South Market	Booth 467	Offering quick grab-and-go sandwiches, snacks, and beverages. Vegetarian options available.
Café A1	Middle	Featuring hot and cold sandwiches, salads, and beverages. Vegetarian options available.
Café A2	Middle	Featuring hot and cold sandwiches, salads, and beverages. Vegetarian options available.
Dunkin' Donuts	Booth 467	
Ambrosia Organic cart	Booth 467	Offers vegan and vegetarian options.
Kosher Express cart	Booth 467	Offers vegan and vegetarian options.
Robinson's Ribs cart	Booth 467	
Jerusalem Street Food cart	Booth 4484	Offers vegan and vegetarian options.
Midwest Melt cart	Booth 4484	Offers a vegetarian option.
Third Coast Roast Coffee cart	Booth 4931	Offers vegetarian options.
Heartland Burger cart	Booth 4931	Offers a vegetarian option.
Connie's Pizza cart	Booth 4953	Offers a vegetarian option.
Savor Hot Dog cart	Booth 4953	
Butch's Pretzels and Lemonade cart	Booth 4967	
Luzita's Taco Bowl	Booth 4967	

SATURDAY October 16	SUNDAY October 17	MONDAY October 18	TUESDAY October 19	WEDNESDAY October 20
7:00 AM – 5:00 PM	7:00 AM – 5:00 PM	7:00 AM – 5:00 PM	7:00 AM – 5:00 PM	7:00 AM – 3:00 PM
10:00 AM – 5:00 PM	10:00 AM – 5:00 PM	10:00 AM – 5:00 PM	10:00 AM – 5:00 PM	10:00 AM – 3:00 PM
10:00 AM – 3:00 PM	10:00 AM – 3:00 PM	10:00 AM – 3:00 PM	10:00 AM – 3:00 PM	10:00 AM – 3:00 PM
		7:00 AM – 4:00 PM	7:00 AM – 4:00 PM	7:00 AM – 3:00 PM
8:00 AM – 3:00 PM	8:00 AM – 3:00 PM	7:00 AM – 5:00 PM	7:00 AM – 5:00 PM	7:00 AM – 3:00 PM
8:00 AM – 2:00 PM	8:00 AM – 2:00 PM	7:00 AM – 5:00 PM	7:00 AM – 5:00 PM	7:00 AM – 3:00 PM
		8:00 AM – 3:00 PM	8:00 AM – 3:00 PM	8:00 AM – 3:00 PM
		10:00 AM – 3:00 PM	10:00 AM – 3:00 PM	10:00 AM – 3:00 PM
		10:00 AM – 3:00 PM	10:00 AM – 3:00 PM	
		8:00 AM – 4:00 PM	8:00 AM – 4:00 PM	8:00 AM – 3:00 PM
		10:00 AM – 4:00 PM	10:00 AM – 4:00 PM	10:00 AM – 3:00 PM
		10:00 AM – 4:00 PM	10:00 AM – 4:00 PM	10:00 AM – 3:00 PM
		10:00 AM – 4:00 PM	10:00 AM – 4:00 PM	10:00 AM – 3:00 PM
		10:00 AM – 4:00 PM	10:00 AM – 4:00 PM	10:00 AM – 3:00 PM
		8:00 AM – 4:00 PM	8:00 AM – 4:00 PM	8:00 AM – 3:00 PM
		10:00 AM – 4:00 PM	10:00 AM – 4:00 PM	
		10:00 AM – 4:00 PM	10:00 AM – 4:00 PM	10:00 AM – 3:00 PM
		10:00 AM – 4:00 PM	10:00 AM – 4:00 PM	10:00 AM – 3:00 PM
		10:00 AM – 4:00 PM	10:00 AM – 4:00 PM	10:00 AM – 3:00 PM
		10:00 AM – 4:00 PM	10:00 AM – 4:00 PM	10:00 AM – 3:00 PM

WEF PLAZA



The WEF Plaza provides our community of members and WEFTEC participants easy access to WEF's premier resources, publications, services, and staff.

Hall G and Lobby G – Street Level

HOURS OF OPERATION

Sun., October 9	8:00 AM – 5:00 PM
Mon., October 10	8:00 AM – 5:30 PM
Tues., October 11	8:00 AM – 5:30 PM
Weds., October 12	8:00 AM – 3:30 PM

BOOKSTORE

Written by the industry, for the industry: WEF Books are essential to the water quality professional. Browse the latest selection of **Manuals** of Practice, training manuals and study guides, WEF merchandise, and more. New book releases include *Affordability of Wastewater Service*, 2nd Edition; *Basic Laboratory Procedures for the Operator-Analyst*, 6th Edition; *Improving Utilities with Systems Thinking*; *Information Technology for Water and Wastewater Utilities*, MOP 33, 2nd Edition; *Technologies for CMOM Activities in Wastewater Collection Systems*; *Third Century of Biochemical Oxygen Demand*, 2nd Edition; *Urban Stormwater Controls Operations and Maintenance*; *Water Quality Instrumentation*; *Treatment Fundamentals III—Advanced Treatment*; and *Wastewater Treatment Fundamentals III—Advanced Treatment Operator Certification Study Questions*.

Plus get a demo of **Access Water**, a powerful tool that houses more than 20,000 pieces of WEF's content, including conference papers, fact sheets, magazine articles, technical reports, and WEF's technical publications.

GLOBAL CENTER

The hub of international business programming, networking, and opportunities. Explore new markets and take advantage of resources committed to matching foreign trade delegates with exhibiting companies.

Visit <https://www.weftec.org/global> to view the schedule of Global Center Theater presentations.

Global Center sponsored by:



HONORS AND AWARDS DISPLAY

Recognizing the individuals and organizations that made outstanding contributions to the water environment profession, WEF, and our Member Associations in 2022.

MEMBERSHIP CENTER AND MEMBER LOUNGE

WEF's Member Services staff are committed to delivering world-class customer service to current and prospective members. They are available to discuss how WEF membership can help you achieve greater success through association; to process renewals; and to address questions and concerns. WEF Members enjoy exclusive access to the Member Lounge located inside of the Membership Center, where they can relax in comfortable seating and refuel with complimentary light refreshments.

AD FPO

SPEAKER SERVICES

Speaker Prep Room

La Nouvelle Orleans Ballroom C – Level 2

Saturday – Tuesday, October 8 – 11 | 8:00 AM – 5:45 PM

Wednesday, October 12 | 8:00 AM – 3:15 PM

The Speaker Prep Room is available for uploading, previewing, and rehearsing presentations. All Technical Program Speakers must check in at the Prep Room at least one-half-day prior to their presentation or WEF reserves the right to replace the speaker. It is essential that all speakers review their presentations on the equipment provided to ensure that the presentation is loaded correctly. Technicians will be available to help resolve any issues.

Workshop Speakers' Briefing

Meeting Room 353 – Level 3

Sunday, October 9 | 7:15 AM – 8:15 AM

All Workshop Speakers and Chairs must attend the Briefing on Sunday morning. (The Saturday workshops do not need to attend.) At this important meeting, you will receive up-to-the-minute information on your Workshop, meet the other Speakers, and confirm the agenda for the day.



AD FPO

HALF PAGE
AD FPO

DESIGN YOUR OWN EDUCATION

All programming occurs at the Convention Center unless otherwise indicated.

Learn from the brightest and most innovative minds through WEFTEC's world-class educational program, delivering everything there is to know about water quality. You can select the best way for you to learn, through a variety of learning styles and levels on the key topics that you need to make a difference in your career and your community.

- **Workshops** — dive into in-depth learning in a classroom setting, designed to teach you practical skills, techniques, and concepts that you can directly apply to your work.
- **Technical Sessions (Traditional or Lecture Format)** — learn from water quality experts selected through a highly rigorous abstract review process. All lecture-based sessions include questions and answers with the speaker.
- **Technical Sessions (Interactive Format)** — actively engage with speakers, content, and other participants. You will learn not only by listening but also by sharing your experience and perspectives, positioning yourself as a thought leader and growing your professional network.
- **Learning Exchanges** — share your expertise and perspectives about trending themes, technologies, and topics in the water sector with a small peer group (roundtables up to six people).
- **Main Stage** — explore the most important and timely water sector and professional development topics.
- **Technology Spotlights (formerly called Mobile Sessions)** — learn from curated groups of companies sharing their premier product and service solutions for your current challenges.
- **Meetups** — find friends, allies, and practitioners who share your interests and affinities. Exchange tips, techniques, and advice, while strengthening your professional relationships.

LEARNING LEVELS

Different stages of experience and professional development require different levels of learning. You might be an expert on one topic and want to share your ideas, and on another topic, you are a novice and want to get fundamental information. To help you find the most appropriate session in the mobile app and the Technical Sessions at a Glance, we have tagged sessions according to the level of material.

- Sessions tagged as **Fundamental** provide participants with an introductory understanding of the content areas.
- Sessions tagged as **Intermediate** are appropriate for all learning levels.
- Sessions tagged as **Advanced** are highly technical and appropriate for participants with substantial experience in that content area seeking the most up-to-date information to increase expertise.

NEW THIS YEAR! LEARNING OBJECTIVES

Learning Objectives are included in all descriptions to help you understand the key takeaways, identify and remember points that will help you in your job immediately, and more easily select your educational journey. Learning Objectives can be found under each session or workshop description.

EARN CONTINUING EDUCATION CREDITS

WEF works to obtain CE Credit approval on a national level for your WEFTEC participation. In most cases, the credits issued by WEF can be converted to meet state-specific requirements that vary from the system used by WEF. For example, both CEU and PDH credits are available for Workshops to Professional Engineers licensed in most states, including the NYSED in New York.

WEFTEC participation is tracked using your badge, and credit documentation will be made available electronically so attendees can receive credit toward professional engineer and operator licensing quickly and efficiently. Learn more at: www.weftec.org/Continuing-Education.

You can earn up to:

- 15 Technical Session PDHs
- 1.9 Workshop CEUs
- 8.0 Daily General Contact Hours

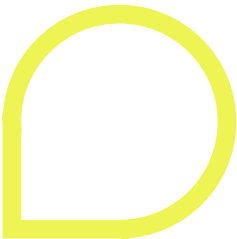
In order to receive credits, attendees must scan badges when entering and exiting sessions. For exhibition credits (i.e., contact hours), visit CE Kiosks located near hall entrances.



WORKSHOPS AT A GLANCE

WEFTEC workshops are immersive, interactive half-day or full-day programs designed to teach you practical skills, techniques, and concepts that you can directly apply to your work. Capacities are limited, allowing participants some personal attention.

Fees quoted in U.S. dollars. Times listed reflect U.S. Central Time Zone for New Orleans. Workshops occur at the convention center unless otherwise noted.



	Track	Room
SATURDAY, OCTOBER 8	8:30 AM – 5:00 PM	
W01 Making Resource Recovery Concepts Come to Life: Operator Education Through Interactive Simulation	Facility Operations and Maintenance	253 Level 2
W02 Wastewater Microbiology	Facility Operations and Maintenance	356 Level 3
SUNDAY, OCTOBER 9	6:45 AM – 3:00 PM	
W06 Activated Sludge and BNR Process Control: Hands-On in the Real World, hosted by the St. Bernard Parish Munster Wastewater Treatment Plant	Facility Operations and Maintenance	Transportation Center outside of Lobby G <i>Board Bus at 6:45 AM Bus Departs at 7:00 AM</i>
	8:30 AM – 5:00 PM	
W03 Refinery and Petrochemical Wastewater Treatment: Concepts, Operation, and Troubleshooting	Industrial Issues and Treatment Technologies	352 Level 3
W04 Game-Based Modeling	Municipal Wastewater Treatment Process and Design	345 Level 3
W05 Wastewater Microbiology	Facility Operations and Maintenance	356 Level 3
W07 Current Status of Co-Digestion and the Journey to Energy Neutrality	Residuals and Biosolids Management/Energy	343 Level 3
W08 Overcoming Uncertainty: Confident Decisions in the Face of Climate Change	Collection Systems	236 Level 2
W09 So You Thought You Were Done? Finding the End Point of Wet Weather Control Programs	Collection Systems	238 Level 2
W10 WEF/WRF Emerging Pathogens and Microconstituents in Wastewater/Water Reuse: Challenges and Opportunities	Disinfection	256 Level 2
W11 Equipping Your Utility to Address PFAS in Water Reuse: State of the Science, Emerging Trends, and Navigating the Regulatory Pathway	Water Reuse	339 Level 3
W12 Transformative Opportunities in Stormwater: Elevating Resilience, Equity, and Workforce Development	Stormwater Management	336 Level 3
W13 Successful Commissioning of Capital Projects by Understanding Commissioning Failure Modes and Engaging Stakeholders	Utility Management	344 Level 3
W14 Brainstorming How to Prioritize Equity and GHG Benefits in CIP and Services Decisions	Utility Management	350 Level 3
W15 Reimagining the Water Sector Through Equity and Justice	Diversity, Equity, and Inclusion	347 Level 3
TUESDAY, OCTOBER 11	12:30 PM – 5:00 PM	
W16 Are You Talkin' to Me? Learning How to Communicate with Your Audience	Utility Management	341 Level 3

AD FPO

MONDAY, OCTOBER 10

TECHNICAL SESSIONS AT A GLANCE

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MONDAY, OCTOBER 10 1:30 PM – 3:00 PM		
TRACK	ROOM	SESSION
Biosolids and Residuals Management	353 – Level 3	Biosolids Planning and Management I
Biosolids and Residuals Management	345 – Level 3	Co-Digestion of High-Strength Wastes I
Collection Systems	244 – Level 2	Digital Water Tools To Evaluate and Optimize Collection Systems I
Disinfection and Public Health	356 – Level 3	The Great UV Dose Debate I A
Facility Operations and Maintenance	350 – Level 3	Optimizing Post Aerobic Digestion I
Facility Operations and Maintenance	253 – Level 2	Sewer Process and Ventilation Modeling: The Underground Menace I
Industrial Issues and Treatment Technologies	236 – Level 2	Managing Upsets at Petroleum Refinery Wastewater Treatment Plants I
Municipal Wastewater Treatment Process and Design	343 – Level 3	Monitoring and Mitigation of Nitrous Oxide Emissions From WRRFs I
Municipal Wastewater Treatment Process and Design	347 – Level 3	Secondary Clarifiers: Old School vs. New School I
Municipal Wastewater Treatment Process and Design	339 – Level 3	Understanding the Benefits of Low DO Operation I A
Research and Innovation	238 – Level 2	Navigating the Entropy of Innovation: WEF/AEESP/AEES Master Lecturer Charles Bott I
Stormwater Management	357 – Level 3	New Tools for Planning and Executing Effective Stormwater O&M I
Stormwater Management	344 – Level 3	Solving Stormwater Mysteries Through Modeling I
Utility Management	La Nouvelle Orleans Ballroom B – Level 2	Water Policy Update: The Federal Partners' Perspectives F
Utility Management	256 – Level 2	Engineered Equipment Procurement Processes I
Water Reclamation and Reuse	336 – Level 3	Fundamentals of Planning for Potable Reuse F

MONDAY, OCTOBER 10 | 3:30 PM – 5:00 PM


Collection Systems	353 – Level 3	Collection Systems Design and Construction Challenges I
Disinfection and Public Health	357 – Level 3	Wastewater-Based Disease Surveillance Part I: Paving the Path Forward I
Facility Operations and Maintenance	238 – Level 2	Thermal and Energy Opportunities I
Future Issues	356 – Level 3	Building DE&I Within the Water Sector I F
Industrial Issues and Treatment Technologies	253 – Level 2	The Drive to Net Water Positivity for Industry I
Municipal Wastewater Treatment Process and Design	339 – Level 3	FUNDamentals of Sludge Densification I F
Municipal Wastewater Treatment Process and Design	244 – Level 2	Low DO Case Studies I
Municipal Wastewater Treatment Process and Design	350 – Level 3	Making MBR More Cost Effective I
Research and Innovation	345 – Level 3	PFAS From Coast to Coast: Five Perspectives on Strategies and Next Steps I F
Stormwater Management	236 – Level 2	Building Better Communities Through Green Infrastructure I
Utility Management	256 – Level 2	Alternative Project Delivery Methods F
Utility Management	336 – Level 3	Non-Traditional Stakeholder Coordination For Public Engagement F
Utility Management	347 – Level 3	Transforming Data Into Insight and Knowledge I
Utility Management	La Nouvelle Orleans Ballroom B – Level 2	Water Policy Update: The Water Sector Leaders' Perspectives F
Water Reclamation and Reuse	343 – Level 3	Using Federal Infrastructure Funding To Advance Water Reuse I
Watershed Resources Management and Sustainability	344 – Level 3	Uptake Your Nutrients! I

TUESDAY, OCTOBER 11




TECHNICAL SESSIONS AT A GLANCE

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TUESDAY, OCTOBER 11 | 8:30 AM – 10:00 AM

























TRACK	ROOM	SESSION
Biosolids and Residuals Management	347 – Level 3	Pyrolysis and Gasification 
Collection Systems	256 – Level 2	The Ultimate Collections Systems Fundamentals Trivia Challenge!  
Facility Operations and Maintenance	253 – Level 2	Digital Twins I: Introduction to Process Improvement  
Future Issues	353 – Level 3	Case Studies in Climate Change Impacts and Adaptability  
Industrial Issues and Treatment Technologies	343 – Level 3	Industrial Pretreatment: Utility and Industry Perspectives  
Municipal Wastewater Treatment Process and Design	238 – Level 2	Advanced Aeration: The Whole Package 
Municipal Wastewater Treatment Process and Design	244 – Level 2	Knowledge Development Forum: Designing for Emerging and Innovative Technologies  
Research and Innovation	357 – Level 3	PdNA Research Highlights: Does The Carbon Source Matter? 
Stormwater Management	336 – Level 3	Real-Time Control and Modeling For Design and Operation Of Stormwater and Wetland Restoration Systems 
Utility Management	350 – Level 3	DE&I Aspects of Resource Planning 
Utility Management	345 – Level 3	Energy Reliability Is Core To Business  
Utility Management	236 – Level 2	Small Communities I: Wastewater Treatment Options 
Water Reclamation and Reuse	344 – Level 3	Microconstituents Removal in Potable Water Biofiltration Systems  
Water Reclamation and Reuse	356 – Level 3	Regulations for Direct Potable Reuse in the United States 
Watershed Resources Management and Sustainability	339 – Level 3	What Makes Integrated Planning and One Water Approaches Beautiful?  

TUESDAY, OCTOBER 11 | 1:30 PM – 3:00 PM

Biosolids and Residuals Management	339 – Level 3	PFAS In Biosolids: New Approaches To Removal  
Collection Systems	253 – Level 2	Buzzword Bingo: Digital Solution Applications in the Collection System  
Disinfection and Public Health	353 – Level 3	Microplastics: Everything You Want To Know  
Disinfection and Public Health	256 – Level 2	Wastewater-Based Disease Surveillance Part II: Improving Sampling and Interpretation of Results 
Facility Operations and Maintenance	356 – Level 3	Guidelines for Optimizing Nutrient Removal Performance  

Future Issues	347 – Level 3	Defining Environmental Justice for the Water Sector  
Industrial Issues and Treatment Technologies	344 – Level 3	Industrial Water Reuse for Sustainability  
Industrial Issues and Treatment Technologies	345 – Level 3	Refinery Wastewater Technology Advances 
Municipal Wastewater Treatment Process and Design	244 – Level 2	Internally Stored Carbon for Intensifying BNR 
Research and Innovation	350 – Level 3	Application of Process Modeling for Intensification of Secondary Treatment 
Stormwater Management	357 – Level 3	Innovative Stormwater Research Beyond Green Infrastructure 
Stormwater Management	343 – Level 3	MS4s and The Clean Water Act  
Utility Management	336 – Level 3	Data Analytics and Performance Reporting 
Utility Management	236 – Level 2	Where Could Your Funding Be Hiding? 
Water Reclamation and Reuse	238 – Level 2	Innovative Approaches to Increase Your Potable Water Supply 

TUESDAY, OCTOBER 11 | 3:30 PM – 5:00 PM











Biosolids and Residuals Management	347 – Level 3	Enhancing Anaerobic Digestion With Pretreatment  
Collection Systems	253 – Level 2	Using Technology for I/I Identification  
Facility Operations and Maintenance	244 – Level 2	Digital Twins II: Process Improvement Case Studies  
Future Issues	344 – Level 3	Environmental Justice in Practice: Stories From Around the United States  
Industrial Issues and Treatment Technologies	238 – Level 2	Innovative Solutions for Treatment of Petrochemical Wastewaters 
Industrial Issues and Treatment Technologies	343 – Level 3	Solutions and Ideas From Award-Winning Industrial Experts  
Municipal Wastewater Treatment Process and Design	256 – Level 2	Intensification Intersection: Comparing Process Intensification Technologies 
Municipal Wastewater Treatment Process and Design	236 – Level 2	Process Aeration Modeling and Optimization 
Municipal Wastewater Treatment Process and Design	357 – Level 3	Progress of Carbon Diversion Using Advanced Primary Treatment 
Research and Innovation	339 – Level 3	PFAS: Sources and Occurrence in Water and Wastewater  
Stormwater Management	356 – Level 3	Stakeholder Engagement and Design for Adapting to Climate-Driven Rainfall Changes  
Utility Management	345 – Level 3	Communicating the Importance of Biosolids With the Public  
Utility Management	336 – Level 3	Small Communities II: Wastewater Management Options 
Utility Management	353 – Level 3	Utility Leaders Roundtable: Enterprise Resilience  
Watershed Resources Management and Sustainability	350 – Level 3	Muddied Waters, Managed by Many Models 

WEDNESDAY, OCTOBER 12








TECHNICAL SESSIONS AT A GLANCE









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WEDNESDAY, OCTOBER 12 | 8:30 AM – 10:00 AM







TRACK	ROOM	SESSION
Biosolids and Residuals Management	347 – Level 3	Anaerobic Digestion Optimization  
Collection Systems	238 – Level 2	Inflow and Infiltration (I/I): Get Off My Property! 
Disinfection and Public Health	345 – Level 3	UVC-LED From Lab to Full-Scale Operating Facilities 
Facility Operations and Maintenance	339 – Level 3	Clearing the Air With Sustainable Odor Control  
Facility Operations and Maintenance	343 – Level 3	How To Improve EBPR Through RAS Fermentation  
Industrial Issues and Treatment Technologies	344 – Level 3	Pharmaceutical Wastewater Best Practices  
Industrial Issues and Treatment Technologies	236 – Level 2	Removal of Perchlorate and 1,4-Dioxane From Industrial Wastewater 
Municipal Wastewater Treatment Process and Design	244 – Level 2	Comprehensive Wet Weather Solutions  
Municipal Wastewater Treatment Process and Design	256 – Level 2	Evolution of Biologically Enhanced Carbon Diversion 
Municipal Wastewater Treatment Process and Design	350 – Level 3	New Adventures in Shortcut Nitrogen Removal 
Research and Innovation	357 – Level 3	Latest Sensor Developments for Solids Management  
Stormwater Management	356 – Level 3	Minimize Flood Risk: Mapping and Solutions in Dense Urban Areas  
Stormwater Management	336 – Level 3	Stormwater Finance Needs 
Utility Management	353 – Level 3	Delivering the Goods Through Program Management, P3, and PDB  
Water Reclamation and Reuse	253 – Level 2	Ozone/BAC in CBAT Operations: It's Time for Optimization  

WEDNESDAY, OCTOBER 12 | 10:30 AM – 12:00 PM

Biosolids and Residuals Management	356 – Level 3	Creating Value From Wet Organic Wastes: How the DOE Is Helping  
Disinfection and Public Health	353 – Level 3	Peracid Progress: Using On-Site Generated PAA, Delivered PAA, and Performic Acid 
Facility Operations and Maintenance	236 – Level 2	Updates to ASCE's Clean Water and In-Process Oxygen Transfer Standards 
Future Issues	238 – Level 2	Decarbonization Status and Global Trends 
Industrial Issues and Treatment Technologies	339 – Level 3	Applied Metagenomic Testing for Treatment Plant Operators and Engineers  

Industrial Issues and Treatment Technologies	350 – Level 3	Innovative Approaches and Considerations for Industrial Pretreatment Compliance 
Municipal Wastewater Treatment Process and Design	357 – Level 3	Carbon Generation for BNR 
Municipal Wastewater Treatment Process and Design	244 – Level 2	Knowledge Development Forum: PdNA Prime Time — Moving Into Practice  
Research and Innovation	256 – Level 2	Control and Monitoring for Improved EBPR 
Stormwater Management	347 – Level 3	Mitigating Flood Risk in Urban Areas  
Utility Management	345 – Level 3	Cybersecurity Strategy and Tactics  
Utility Management	253 – Level 2	Future Visualization Tools for Utilities  
Utility Management	343 – Level 3	Incorporating Risk Evaluation in Design and Modeling for Utility Management  
Water Reclamation and Reuse	336 – Level 3	MBR LRV Credits I: Can You Prove It?  
Watershed Resources Management and Sustainability	344 – Level 3	TMDLs... 'Loading' on the River!  

WEDNESDAY, OCTOBER 12 | 1:30 PM – 3:00 PM

Biosolids and Residuals Management	344 – Level 3	Advanced Digestion Topics  
Biosolids and Residuals Management	339 – Level 3	Cross Process Performance Enhancements Involving Thickening and Dewatering  
Collection Systems	256 – Level 2	Internal and External Factors on Force Main Construction and Rehabilitation 
Disinfection and Public Health	357 – Level 3	Digital Process Evaluation and Optimization for Public Health Protection 
Future Issues	236 – Level 2	The Project Funding Journey for Small and At-Risk Communities 
Industrial Issues and Treatment Technologies	356 – Level 3	Biological Technology Applications in Dairy and Meat Processing Wastewater Treatment  
Municipal Wastewater Treatment Process and Design	343 – Level 3	Advances in the MABR for Nutrient Removal  
Municipal Wastewater Treatment Process and Design	238 – Level 2	Fundamentals of Greenhouse Gas Accounting of Wastewater Utilities 
Municipal Wastewater Treatment Process and Design	353 – Level 3	Sludge Granulation in Continuous Flow Systems 
Research and Innovation	347 – Level 3	Treatment of PFAS in Liquid Phase  
Stormwater Management	253 – Level 2	Blue, Green, or Grey Infrastructure: Which Colors Are Best for Your Community?  
Utility Management	350 – Level 3	Leveraging Artificial Intelligence for Asset Management 
Utility Management	336 – Level 3	Positive Impacts of Business Process Improvements 
Utility Management	244 – Level 2	Rates, Complaints, and Floodgates: Examples of Successful Stakeholder Engagement  
Water Reclamation and Reuse	345 – Level 3	MBR LRV Credits II: Can You Prove It?  

LEARNING EXCHANGES & TECH SPOTLIGHTS

Learning Exchanges provide the opportunity to meet and interact with your peers. Share your experiences, gain knowledge, and hear perspectives on topics important to you, your career, and the water sector.

MONDAY, OCTOBER 10
10:30 AM – 12:00 PM

TECHNOLOGY SPOTLIGHT: Fine-Pore Diffusers for Aeration

- Technology Spotlight Theater, Booth 4609 – Hall F

MONDAY, OCTOBER 10
1:30 PM – 3:00 PM

Best Practices in Community Outreach and Engagement

- Room 349 – Level 3

Operations Roundtable

- Room 240 – Level 2

Equity in Asset Planning and Management

- Room 352 – Level 3

TECHNOLOGY SPOTLIGHT: Chemical Disinfection Solutions

- Technology Spotlight Theater, Booth 4609 – Hall F

MONDAY, OCTOBER 10
3:30 PM – 5:00 PM

Manufacturing Roundtable

- Room 352 – Level 3

TECHNOLOGY SPOTLIGHT: Understanding UV Disinfection Options

- Technology Spotlight Theater, Booth 4609 – Hall F

TUESDAY, OCTOBER 11
8:30 AM – 10:00 AM

Women in Water

- Room 349 – Level 3

Construction Roundtable

- Room 240 – Level 2

Funding, Financing, and Grants

- Room 352 – Level 3

TUESDAY, OCTOBER 11
10:30 AM – 12:00 PM

TECHNOLOGY SPOTLIGHT: Collection System Condition Assessment Technologies- The Right Tool for the Job

- Technology Spotlight Theater, Booth 4609 – Hall F

TUESDAY, OCTOBER 11
1:30 PM – 3:00 PM

Public Officials Roundtable

- Room 352 – Level 3

Cybersecurity: New Legislative and Regulatory Impacts

- Room 240 – Level 2

Conducting and Utilizing Facility Condition Assessments

- Room 240 – Level 2

TECHNOLOGY SPOTLIGHT: Aeration Blowers

- Technology Spotlight Theater, Booth 4609 – Hall F

TUESDAY, OCTOBER 11
3:30 PM – 5:00 PM

Rainbow Advocates – LGBTQ+ Community

- Room 240 – Level 2

TECHNOLOGY SPOTLIGHT: Chemical Disinfection Solutions

- Technology Spotlight Theater, Booth 4609 – Hall F

WEDNESDAY, OCTOBER 12
8:30 AM – 10:00 AM

Workforce – How Do We Engage the Next Generation?

- Room S106

WEDNESDAY, OCTOBER 12
10:30 AM – 12:00 PM

Community of Color

- Room S103c

TECHNOLOGY SPOTLIGHT: Nutrient Analyzers and Sensors

- Technology Spotlight Theater, Booth 4609 – Hall F



PROGRAM STEERING COMMITTEE

- | | | | |
|------------------------|---------------------|----------------|------------------|
| Diego Rosso — Chair | Christopher Degroot | Jamie Hughes | Matt Griffin |
| Tom Sandy — Vice Chair | Christopher Wilson | Jeanette Brown | Melanie Mann |
| Aditya Ramamurthy | Eakalak Khan | Joe Rohrbacher | Oliver Schraa |
| Anil Kumar Tangirala | Garry Macdonald | Jose Jimenez | Phillip Sexton |
| Belinda Sturm | Geoff Edwards | Karyn Stickel | Pusker Regmi |
| Bernadette Drouhard | Graham Juby | Liam Cavanaugh | Sarah Courtright |
| Carol Hufnagel | James Shelton | Lucy Pugh | Scott Schaefer |

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- | | | | | |
|--------------------|--------------------|--------------------|--------------------|--------------------|
| Adrienne Menniti | Diane Lauritsen | Jennifer Crosby | Mark Courtney | Ryan Nagel |
| Ahmed Al-Omari | Dick Pope | Jennifer Ivey | Mark Doneux | Sabrina Rivera |
| Akin Babatola | Diederik Apgar | Jennifer Steffens | Mark Knight | Salil Kharkar |
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| Alyssa Mayer | Elizabeth | Matthew Seng | Matthew Seng | Scott Rybarczyk |
| Andres Villarraga | Elizabeth | Matthew Vanhorne | Matthew Vanhorne | Stanley Shmia |
| Arifur Rahman | Elyse Rest | Michael Kinyua | Michael Kinyua | Stephanie Fevig |
| Bipin Pathak | Eric Spargo | Michael Andarib | Michael Andarib | Stephanie Spalding |
| Bob Dabkowski | Erin Mosler | Michael Stenstrom | Michael Stenstrom | Steven Gluck |
| Bob Rubin | Ernest Earn | Michael Sweeney | Michael Sweeney | Steven Ravel |
| Brian Hilts | Fernando Almada | Michael Watts | Michael Watts | Tad Slawecki |
| Brian Shell | Calvo | Michel Wanna | Michel Wanna | Terry Krause |
| Brian Tarroja | Frances Burlingham | Michele | Michele | Theresa Bruton |
| Bryan Rogne | Frank Johns | Gremminger | Gremminger | Thor Young |
| Carissa Shelley | Fred Edgecomb | Mikel Goldblatt | Mikel Goldblatt | Timothy |
| Caroline Burger | Gary Hunter | Mindy Scott | Mindy Scott | Constantine |
| Carrie Turner | Gennaro Dicataldo | Murthy Kasi | Murthy Kasi | Timothy Hare |
| Charles Bott | George Wells | Naoko Munakata | Naoko Munakata | Todd Wibrignt |
| Charles Tyler | Germano Salazar- | Nicholas Tooker | Nicholas Tooker | Todd Williams |
| Chein-Chi Chang | Benites | Nicole Fahrenfeld | Nicole Fahrenfeld | Tracy Stigers |
| Chi-Chung Tang | Grant Davies | Nitin Katiyar | Nitin Katiyar | Tristian Bounds |
| Chris Maher | Haley Falconer | Paul Marotta | Paul Marotta | Val Frenkel |
| Christine | Haydee De | Peter Vanrolleghem | Peter Vanrolleghem | Vaughn Harshman |
| Debarbadillo | Clippeleir | Philip Ackman | Philip Ackman | Victoria Chou |
| Christopher Tabor | Heather Harris | Pieter Van Ry | Pieter Van Ry | Vincent Nazareth |
| Coenraad Pretorius | Heather Phillips | Prithviraj Chavan | Prithviraj Chavan | Virginia Roach |
| Daniel Burden | Hossain Azam | Ramesh Goel | Ramesh Goel | Walter Graf |
| Daniel Christian | Ian Fife | Rasha Maal-Bared | Rasha Maal-Bared | Wayne Parker |
| Daniel Collins | Ifetayo Venner | Raul Dominguez- | Raul Dominguez- | Weihua Peng |
| Daniel Nolasco | Isaac Avila | Ramirez | Ramirez | Wendell Khunjar |
| David Chamberlain | Jaime Alba | Reza Sobhani | Reza Sobhani | Wendy Anderson |
| David Marrs | Jaime Davidson | Richard Finger | Richard Finger | Wesley Sydnor |
| David Mason | James Bachhuber | Robert Martz | Robert Martz | Yuichi Ito |
| David Moughton | James Crook | Robert Reimers | Robert Reimers | Zhiyong Ren |
| Deborah Houdeshell | James Lenhart | Robert Sharp | Robert Sharp | |
| Demetris Johnson | Jay Swift | Rocky Craley | Rocky Craley | |

AD FPO

OPERATIONS CHALLENGE

Monday, October 10 & Tuesday, October 11 | Booth 3863



See wastewater's elite specialists compete at the 35th annual Operations Challenge in a series of tests demonstrating the best combination of precision, speed, and safety. Teams of wastewater collection and treatment operators are sponsored by a WEF Member Association or recognized Operator Association. They face off in the laboratory and process control events on Monday and the collections, safety, and KSB maintenance events on Tuesday.

OPERATIONS CHALLENGE 2022 TEAMS

Aarhus (Denmark)	Great Danes
Arizona Water Association	Surprise Turdologists
California WEA	LA Wrecking Crew
Central States WEA	Pumpers
Central States WEA	Shovelers
Chesapeake WEA	Wet Bandits
Florida WEA	BioWizards
Florida WEA	Dirty Birds
Indiana WEA	Turding
New England WEA	Force
New England WEA	Mass
New England WEA	RI-CONN United
New Jersey WEA	Cake Breakers
New York WEA	Brown Tide
New York WEA	Sludge Hustlers
New York WEA	Water Recyclers
New York WEA	Water Bears
North Carolina WEA	Smooth Operators
North Carolina WEA	Predaturds

Ohio WEA	Dirty Deeds
WEA of Ontario	Peel Wastewater Connoisseurs
Pennsylvania WEA	Sanitary Confinement
Rocky Mountain WEA	Commode Commandos
Rocky Mountain WEA	Double Duty
Rocky Mountain WEA	Elevated Ops
Rocky Mountain WEA	Sewerside Squad
South Carolina WEA	Controlled Chaos
South Carolina WEA	Lethal Concentration
WEA of Texas	69th Street Poo Mafia
WEA of Texas	Rangers
WEA of Texas	TRA CRWSers
WEA of Texas	Waste Warriors
WEA of Utah	Wasatch All Stars
WEA of Utah	Utah Torque
WEA of Utah	Wasatch All WAS 2
Virginia WEA	Team HRSD

FPO

OPERATIONS CHALLENGE BROUGHT TO YOU BY

PARTNERS



SUPPORTERS



EQUIPMENT PROVIDERS



EVENT COORDINATORS

Collection Systems, David Briggs, CDM Smith
Laboratory, Kim Riddell, City of Lima
Maintenance, Stephen Motley, City of VA Beach
Process Control, Paul Dombrowski, Woodard & Curran
Safety, Tim Scott, HRSD
Scoring, Muzit Kiflai, MWRD Denver

STUDENT & YOUNG PROFESSIONAL EVENTS

WEFTEC offers numerous events for students and young professionals to promote participation, networking opportunities, and continued engagement with the water quality sector.

STUDENT CHAPTER MEETING

Room 271–273
Monday, October 10
10:00 AM – 11:00 AM

STUDENTS AND YOUNG PROFESSIONALS COMMITTEE MEETING

Room 271–273
Monday, October 10
11:00 AM – 12:00 PM

STUDENTS AND YOUNG PROFESSIONALS CAREER FAIR

Booth 150, Hall B
Monday, October 10
1:00 PM – 4:00 PM

WEF STUDENT DESIGN COMPETITION

24 schools, representing 19 Member Associations and 4 countries, will compete in 2 divisions.

WASTEWATER DESIGN	
Room 271–273 Sunday, October 9 8:00 AM – 3:00 PM	
7:45 AM	All Teams Check In, Opening Welcome
8:05 AM	Johns Hopkins University
8:35 AM	Georgia Tech
9:05 AM	University of Windsor
9:35 AM	George Mason University (Biogas, Caleb Hanneman)
10:05 AM	University of Colorado, Boulder
10:45 AM	Universidad de Monterrey (UDEM)
11:15 AM	Marquette University
11:45 AM	Southern Methodist University
12:15 PM	Brief Lunch Break (30 minutes)
12:45 PM	North Dakota State University
1:15 PM	University of Nevada Las Vegas
1:45 PM	Clemson University
2:15 PM	TEC (Virtual)
2:45 PM	North Carolina State University
3:00 PM	Process Challenge (Room 275–277)
5:00 PM	WEF Address and Awards Ceremony (Room 271–273)
WATER ENVIRONMENT DESIGN	
Room 278–279 Sunday, October 9 8:00 AM – 3:00 PM	
8:05 AM	Northeastern University
8:35 AM	FGCU
9:05 AM	Case Western Reserve University
9:35 AM	City College of New York
10:05 AM	North Carolina State University
10:45 AM	SUNY College of Environmental Science and Forestry
11:15 AM	Loyola University
11:45 AM	George Mason University (Piney Run, Grace M.)
12:15 PM	California State Polytechnic University, Pomona
1:15 PM	University of South Florida
12:45 PM	Brief Lunch Break (30 minutes)
1:45 PM	Worcester Polytechnic Institute (Virtual)
3:00 PM	Process Challenge (275–277)
6:00 PM	WEF Address and Awards Ceremony (Room S105a)

innovation showcase

BOOTH 3129 – Hall E

The WEFTEC Innovation Showcase presented by WEF, BlueTech Research, and Imagine H2O, has been the go-to destination for the most current and prominent water industry information for over a decade. Our Innovation Showcase offers visitors of all backgrounds the unique experience of seeing the impact of the water sector’s best innovative thinking in one location, over the course of three days.

EXHIBITS

Innovation Showcase & Theater exhibitors feature winners of the WEF Innovative Technology Award, BlueTech Forum Innovation Award, and Imagine H2O’s Consumer Innovations Prize. Complementing the award-winning technologies are the exhibitors in the Innovation Zone, Discovery Zone, and Distributed Infrastructure Zone. These booths are for alumni of the pavilion, other companies who have won recent innovative product awards, and new companies.

SDG THEATER BOOTH 1115 – Hall B2

In its second year and growing, the Sustainable Development Goals (SDG) Theater in the Drinking Water Pavilion features insights into all aspects of the circular water economy from water stewardship to resource recovery to stormwater to diversity, equity, and inclusion. The SDG theater, Innovation Showcase Theater, and the Global Center are integrated as WEF pavilion theaters on the exhibition floor to provide valuable, timely information while having ready access to exhibitors featuring the latest innovations.

INNOVATIVE EDUCATION AVAILABLE ON THE EXPO FLOOR			
	INNOVATION SHOWCASE THEATER (3129 HALL E)	SDG THEATER (1115 HALL B2)	GLOBAL CENTER (WEF PLAZA)
Monday	Sessions 10:00 AM – 4:00 PM	Sessions 10:00 AM – 4:00 PM	Sessions 10:00 AM – 4:00 PM
	Coffee 10:00 AM – 2:00 PM		Reception 4:00 PM – 5:00 PM
	Reception 4:00 PM – 5:00 PM		
Tuesday	Sessions 8:30 AM – 4:00 PM	Sessions 8:30 AM – 4:00 PM	Sessions 10:00 AM – 4:00 PM
	Coffee 10:00 AM – 2:00 PM	Reception 4:00 PM – 5:00 PM	Reception 4:00 PM – 5:00 PM
	Reception 4:00 PM – 5:00 PM		
Wednesday	Sessions 8:30 AM – 12:30 PM	Sessions 9:00 AM – 12:00 PM	
		Coffee 8:30 AM – 12:00 PM	

INNOVATION PAVILION THEATER SPONSORS



SDG THEATER SPONSORS



WEFTEC INNOVATION SHOWCASE PARTNERS



COMMUNITY SERVICE PROJECT

The Annual WEF Community Service Project, organized by the WEF Students and Young Professionals Committee (SYPC), offers WEFTEC participants an opportunity to give back to the Chicago local host community. Volunteers should be prepared to build, plant, paint, and/or rehabilitate an outdoor work site. Registration for the service project is free and open to all WEFTEC participants. Volunteers receive transportation to and from the work site, a t-shirt, lunch, and a WEF Community Service Project ribbon for their WEFTEC badge. Service Project volunteers leave a lasting mark on the water environment in Chicago.



ATTENTION VOLUNTEERS!

Buses to the project site depart from the Hilton Chicago's 8th Street South entrance starting at 8:00 AM.

SPONSORS



Hazen and Sawyer

Mott MacDonald

RJN Group, Inc.



2022 WEF AWARDS

INDIVIDUAL SERVICE AND CONTRIBUTION AWARDS

Outstanding Young Water Environment Professional Award

Brianne Nakamura
Chesapeake Water Environment Association

Public Officials Award

1. The Honorable Patrick Leahy, U.S. Senator (Vermont)
2. The Honorable Roy Blunt, U.S. Senator (Missouri)
3. Secretary Kenneth Wagner (Oklahoma)
4. Mayor Greg Fischer (Louisville, KY)

Water Heroes Award

1. Bowling Green Municipal Utilities (Bowling Green, KY)
2. Gulf Coast Authority (Houston, TX)

WEF Mentorship Award

Rebecca West
Water Environment Association of South Carolina

EDUCATION AWARDS

WEF Canham Graduate Studies Scholarship

Duong Nguyen
Rocky Mountain WEA

Student Chapter of the Year Award

University of Alabama (Young Water Professionals)

WEF Operator Scholarship

Eliseo Bonilla
Ventura, CA
California Water Environment Association

William Branton

Cohasset, MA
New England Water Environment Association

Denton Chas Campbell

San Angelo, TX
Water Environment Association of Texas

Jose Gonzalez

Loxahatchee, FL
Florida Water Environment Association

Evan Hurrle

Wilson, WY
Rocky Mountain Water Environment Association

Derek Jefferson

Siletz, OR
Pacific Northwest Clean Water Association

Raudel Juarez

Midlothian, TX
Water Environment Association of Texas

Amanda Martin Akins

Sparta, GA
Georgia Association of Water Professionals

Jonathan Montovio

Woodbridge, VA
Virginia Water Environment Association

Katherine Mowbray

East Jordon, MI
Michigan Water Environment Association

Luis Negrete

Gardena, CA
California Water Environment Association

Glenda Perrott

Cartersville, GA
Georgia Association of Water Professionals

Todd Saums

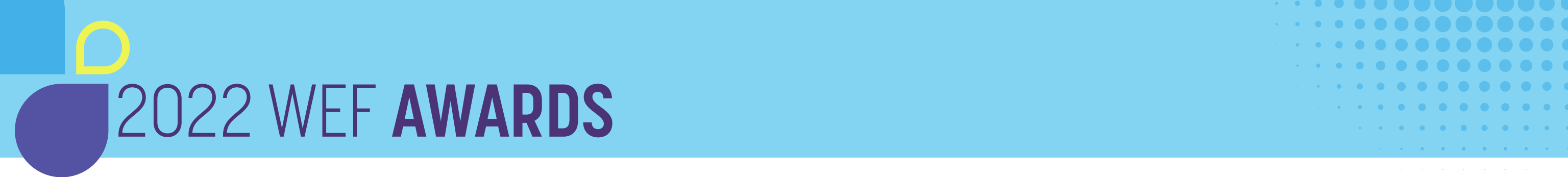
Sylvania, OH
Ohio Water Environment Association

Jeff Van Andel

Etobicoke, ON
Water Environment Association of Ontario

Public Communication & Outreach Program Awards

1. Anne Arundel County Watershed Stewards Academy (Other Category)
2. Shape Our Water (Other Category)



2022 WEF AWARDS

OPERATIONAL AND DESIGN EXCELLENCE AWARDS

Industrial Water Quality Achievement Award
Bush Brothers & Company
(Chestnut Hill, TN)

Innovative Technology Award

1. **EnviroMix** – BioMix-DC
2. **Aquacyl** – Biochemical Treatment
3. **GEA Group Biosolids** – Biosolids Granulator

Morgan Operational Solutions Award

Casey Mentzer
Nevada Water Environment Association

Schroepfer Innovative Facility Design Medal

William Angoli, P.E.
Central States Water Environment Association

Water Quality Improvement Award

Anna Arundel County
“Turnkey” Program (Anne Arundel County, MD)

WEF Project Excellence Award

1. **Boise (ID) Water Renewal Utility Plan.**
Honorees: City of Boise, Idaho Water Renewal Services and Brown and Caldwell

2. Hampton Roads (VA) Sanitation District Providence Road Offline Storage Facility and Woodstock Park Improvements

Honorees: Hampton Roads Sanitation District (HRSD), Hazen and Sawyer and Crowder Construction.

3. WSSC (DC) Water Seneca Water Resource Recovery Facility

Honorees: WSSC Water and Brown and Caldwell.

PUBLISHED PAPERS

Eddy Wastewater Principles/Processes Medal

“Performance evaluation of first full-scale primary filtration using a fine pore cloth media disk filter.” Water Environment Research • 93: 94–111, 2021

Authors: Onder Caliskaner, George Tchobanoglous, Lilly Imani, and Brian Davis

Gascoigne WWTP Operational Improvement Medal

“Weak-in Worked Out,” *Water Environment & Technology*, Vol. 33, No. 6, (June 2021), pg. 49

Authors: Jon van Dommelen and Rob Smith

McKee Groundwater

Protection, Restoration or Sustainable Use Award

Bioremediation of trichloroethylene-polluted groundwater using emulsified castor oil for slow carbon release and acidification control. Water Environment Research, e1673 (2021)

Authors: Wei-Ting Chen, Ku-Fan Chen, Rao Y. Surampalli, Tian C. Zhang, Jiun-Hau Ou, and Chih-Ming Kao

Rudolfs Industrial Waste Management Medal

Does Bioaugmentation of Aerated Stabilization Basins Work? Lessons from Field Scale Trials with a Control, 2021 WEFTEC Proceedings

Authors: Amanda Johansen Mattingly and Francis Lajara de los Reyes III

2022 WEF FELLOWS

Angela Charles
NC One Water

Kim Furry

Ohio Water Environment Association

Joan Hawley

Central States Water Environment Association

Zhen (Jason) He

Missouri Water Environment Association

Deborah Houdeshell

Ohio Water Environment Association

Thomas Jenkins

Central States Water Environment Association

Debra Leigh

Nebraska Water Environment Association

Luis Leon

California Water Environment Association

Stacy Passaro

Chesapeake Water Environment Association

Sarah Reeves

Rocky Mountain Water Environment Association

Susan Sullivan

New England Water Environment Association

Duyen Tran

Arkansas Water Environment Association

Kwok-Wai (Richard) Tsang

NC One Water

Rick Warner

Nevada Water Environment Association

WATER FOR PEOPLE ROBERT W. HITE OUTSTANDING LEADERSHIP AWARD

Rahim Kanji

Water Environment Association of Ontario

2022 CITATION OF EXCELLENCE IN ADVERTISING

2022 Citation of Excellence in Advertising Best Overall Ad (Full Page)

Company Name: Carollo Engineers

Advertisement Agency: Chemistry

Ad Name: We See Water Differently

2022 Citation of Excellence in Advertising Best Overall Ad (Less Than Full Page)

Company Name: Olsson

Ad Name: Weathering the Storm

2022 Citation of Excellence in Advertising Best Presentation of Information (Full Page)

Company Name: Smith and Loveless

Ad Name: The Next Big Thing in Small Grit

2022 Citation of Excellence in Advertising Best Presentation of Information (Less Than Full Page)

Company Name: Oldcastle Infrastructure

Advertisement Agency: Mesh Inc.

Ad Name: Terramod Modular Bioretention System

2022 Citation of Excellence in Advertising Best Design (Full Page)

Company Name: Environment One Corporation

Ad Name: E One/Extreme

2022 Citation of Excellence in Advertising Best Design (Less Than Full Page)

Company Name: JWC Environmental

Ad Name: Muffin Monster There Is No Equal

2022 Citation of Excellence in Advertising Best Campaign

Company Name: Lakeside Equipment

Ad Name: Lakeside Equipment

NATIONAL MUNICIPAL STORMWATER AND GREEN INFRASTRUCTURE AWARDS PROGRAM

XXXXXXX

THE EXHIBITION

EXHIBITION HOURS

Monday, October 10: 8:30 AM – 5:30 PM

Tuesday, October 11: 8:30 AM – 5:30 PM

Wednesday, October 12: 8:30 AM – 3:30 PM

EXHIBITION POWER HOURS

Time dedicated to visiting exhibitors and participating in product launches, equipment demonstrations, and Technology Spotlights.

Monday, October 10: 10:00 AM – 12:00 PM

Tuesday, October 11: 10:00 AM – 12:00 PM

HOSPITALITY HOURS

An opportunity for exhibitors to entertain clients and host demonstrations within their booths.

Monday, October 10: 4:00 PM – 5:00 PM

Tuesday, October 11: 4:00 PM – 5:00 PM

EXHIBITION MANAGEMENT OFFICE

Booth 115, Exhibit Hall A

Wednesday – Friday, October 13 – 22

7:30 AM – 5:00 PM



WEFTEC is recognized as part of the Trade Show News Network Top 250 and the Trade Show Executive Gold 100 largest trade shows in exhibit size and attendance.

Tackle your most difficult challenges with innovative water quality equipment, products, and services in the exhibition!

PAVILIONS

STORMWATER PAVILION

Booths 1636 – 1647, 1736 – 1745, 1837 – 1845, 1937 – 1946

Visit the Pavilion to see the latest in stormwater management and wet weather services and products.

INTELLIGENT WATER & CYBERSECURITY PAVILION

Booths 6213 – 6219, 6312 – 6319, 6412 – 6419, 6512 – 6521, 6313 – 6619, 6713 – 6720, 6813 – 6821, 6912 – 6921

Exhibiting companies display technologies to optimize system operations, promote the application of process instrumentation, control equipment and automation, and the management of information in the water environment.

DRINKING WATER PAVILION AND SDG 6 THEATER

Booths 1000 – 1012, 1101 – 1111, 1201 – 1219

The Drinking Water Pavilion's exhibitors display drinking water treatment and/or distribution systems, complemented by related presentations in the SDG 6 theater (Booth 761).

INNOVATION PAVILION AND THEATER

Find the latest innovations at WEFTEC with four designated areas within the Innovation Neighborhood.

● Innovation Showcase

Booths 3129A – 3129P

Brought to you by WEF and our Innovation Partners, BlueTech Research and Imagine H2O, learn about cutting-edge products directly from the winners of several innovative product awards. Brief presentations related to innovative technologies and problem-solving will be offered in the Innovation Theater.

● Discovery Zone:

Booths 3158 – 3165, 3258 – 3265

Find startups that are first-time exhibitors to WEF or "graduates" of Innovation Pavilion and have won recent innovative product awards.

● Distributed Infrastructure Zone

Booths 3250 – 3257

Find companies focused on the treatment and disposal of reuse water – rainwater, wastewater, or other alternative water supplies – in or near buildings and property close to them.

● Innovation Zone

Booths 3138 – 3157, 3245, 3345 – 3363

Surrounding Innovation Showcase, Discovery Zone, and Distributed Infrastructure Zone, these booths are for alumni of the pavilion and other companies that have won recent innovative product awards.

NETWORKING AND EDUCATION IN THE EXHIBIT HALL

TECHNOLOGY SPOTLIGHTS

Booth 4609

Formerly called Mobile Sessions, Technology Spotlights incorporate visits to select booths to hear technical, educational presentations by the exhibitors' experts focused on specific topics. Admission to these sessions is included in the registration for all badged attendees.

Please visit the WEFTEC mobile app at www.weftec.com/mobile for the Technology Spotlight schedule.

NETWORKING AREAS

Booths 1729, 3300, 6513

New multi-use networking area in Hall A offers attendees space for short meetings and a needed break.

WEFTEC LIVE

Booth 6639

Watch live interviews on the latest activity happening at WEFTEC in the WEFTEC Live broadcasting studio. WEF will broadcast limited content online.

These activities are open to all WEFTEC registrants. Expo Only registration is complimentary for WEF Members!

Register online at www.weftec.org/register.

THE EXHIBITION

CHILDREN VISITING THE EXHIBITION

WEFTEC welcomes children to visit the exhibition during show hours. Children under the age of 18 must always be accompanied by a parent or guardian. The parent or guardian assumes all risks and responsibility for the safety of the children. Children are not allowed in the hall during move-in or move-out.

All children aged 2 and older must wear a face mask while indoors.

PHOTOGRAPHY IN THE EXHIBIT HALL

WEF encourages the use of social media to share your experiences at our event. This includes sharing interesting quotes or information, taking pictures with colleagues, and using the event hashtag. However, to protect intellectual property, the videotaping, filming, or livestreaming of any workshop or technical session presentation, or exhibit booth is prohibited. Any participant violating this policy must relinquish the media and may be removed from the conference. Also, promotional or commercial use of photographs taken at WEFTEC and other WEF conferences is strictly prohibited. If you are interested in content, materials, or products, please consider talking to the speaker or exhibitor, who may provide the information or grant permission.

MANUFACTURERS AND REPRESENTATIVES COMMITTEE (MARC)

- Robert W Domkowski,
Chair

Patrick Foley, Vice Chair

Theodore Baker

Michael Bea

Logan Bridges

Lorene Bruns

Carolyn Christy

John D. Dyson

Frank Flaschentrager

Maury D. Gaston

Vaughan Harshman

Pat Herrick

Lori Huber

Steve Huff

Alexander Kraemer
- Dianne McMaster

Claire Morley

Brooks W. Newbry

Sergio Pino-Jelcic

Vijay Rengaraju

Bernie Rieder

Timothy Schilz

Marcia E. Sherony

Mark N. Spencer

Alexander Tabb

Michael Tallering

Dan Widdel

SIGN UP FOR YOUR 2023 EXHIBIT SPACE NOW!

Great Hall D – First Floor

Monday – Tuesday, October 10 – 11: 9:00 AM – 5:30 PM

Wednesday, October 12: 9:00 AM – 3:30 PM

Advance priority booth space assignments for WEFTEC 2023 are available to WEFTEC 2022 Exhibitors in the Onsite Sales Office. Use your accrued priority points to get the best space available!

The Onsite Sales Office provides currently contracted exhibiting companies the opportunity to receive advance priority booth space assignments for WEFTEC 2023 before leaving New Orleans.

Appointment times are posted online at www.weftec.org/2023OnsiteSales.

Exhibit Sales Contacts

For Exhibitors in North America

Kate Hawley, Senior Manager, WEFTEC Exhibition Sales
WEFTECSales@wef.org, +1.703.684.2437

For Exhibitors Outside North America

Nic Christy, Director, International Business Development
nchristy@wef.org, +44 (0) 789 992 7926

WEF International Pavilion Program

Brochures and reservation forms are available in the Onsite Sales Office for companies interested in participating in WEF’s International Pavilion Program.

WEF International Pavilion Contact

Cari McBride, Manager, International Pavilion Program
cmcbride@wef.org, +1.703.626.7449

WEF Buyer’s Guide Sales

Sales for the WEF Buyer’s Guide, the most comprehensive, interactive directory of solutions providers for water professionals, are available in the Onsite Sales Office.

WEF Buyer’s Guide Sales Contact

Jenny Grigsby, Account Executive – WEF Buyer’s Guide
jgrigsby@wef.org, +1.703.684.2451

NETWORKING

Meetups are designed to help you find friends, allies, and practitioners who share your interests. Exchange tips, techniques, and advice, while strengthening your professional relationships.

MONDAY, OCTOBER 10	
11:00 AM – 12:00 PM	Biosolids Resource Recovery Booth 4609 – Hall F <i>Technology Spotlight Theater</i>
11:00 AM – 12:00 PM	Utility Management Booth 3300 – Hall E <i>Networking Lounge</i>
12:00 PM – 1:00 PM	Collection Systems & Conveyance Booth 1729 – Hall C <i>Networking Lounge</i>
12:00 PM – 1:00 PM	Government & Regulatory Affairs Booth 3300 – Hall E <i>Networking Lounge</i>
4:00 PM – 5:00 PM	Academics Booth 3129 – Hall E <i>Innovation Theater Backstage Area</i>
4:00 PM – 5:00 PM	Facility Operations Booth 4562 – Hall F, Operations <i>Challenge Team Seating Area</i>
TUESDAY, OCTOBER 11	
11:00 AM – 12:00 PM	Energy Management Booth 3300 – Hall E <i>Networking Lounge</i>
11:00 AM – 12:00 PM	Small Communities Booth 4609 – Hall F <i>Technology Spotlight Theater</i>
12:00 PM – 1:00 PM	Water & Wastewater Treatment Booth 3300 – Hall E <i>Networking Lounge</i>
12:00 PM – 1:00 PM	Women in Water Global Center Theater – Hall G <i>WEF Plaza</i>
12:30 PM – 1:00 PM	Cybersecurity Booth 6513 – Hall H, Intelligent <i>Water & Cybersecurity Pavilion</i>
12:30 PM – 1:30 PM	Pathways for Emerging Professionals Booth 1729 – Hall C <i>Networking Lounge</i>
4:00 PM – 5:00 PM	Industrial Water Resources Booth 1729 – Hall C <i>Networking Lounge</i>
4:00 PM – 5:00 PM	People of Color Booth 3300 – Hall E <i>Networking Lounge</i>
4:00 PM – 5:00 PM	Public Officials Booth 6513 – Hall H, Intelligent <i>Water & Cybersecurity Pavilion</i>

WEDNESDAY, OCTOBER 12	
11:00 AM – 12:00 PM	Public Communications Booth 6639 – Hall H <i>WEFTEC Live Studio</i>
12:00 PM – 1:00 PM	Public Health Global Center Theater – Hall G <i>WEF Plaza</i>
12:00 PM – 1:00 PM	Stormwater & Watersheds Booth 1729 – Hall C <i>Networking Lounge</i>
12:30 PM – 1:30 PM	First Time at WEFTEC – Reconnecting Booth 4609 – Hall F <i>Technology Spotlight Theater</i>

EXHIBIT HALL RECEPTION

TUESDAY, OCTOBER 11

4:00 PM – 5:00 PM

Halls B through H – Street Level

Connect with new collaborators in your community of practice and catch up with friends while exploring the exhibit hall. Check your name badge: two drink tickets – redeemable at bars placed throughout the exhibit halls – should be attached.




INNOVATION PAVILION	
2S Water Incorporated ● 4817D www.2swater.com 2S Water's AquaValid sensor detects and quantifies metals in water in real time. Our sensor is fully automated and can integrate with existing control systems. Easy to integrate and deploy, we can help you define metals in water and provide the data you need to optimize your treatment process.	
INNOVATION PAVILION	
374Water ● 4817M www.374water.com 374Water is a social impact, cleantech company commercializing a new, patented approach to supercritical water oxidation called AirSCWO that eliminates concentrated organic wastes like sludges, biosolids, industrial wastes, PFAS and microplastics while recovering water, energy and minerals.	
3M Company ● 3676 www.3M.com/workersafety With our history of innovation, the 3M Personal Safety Division provides cutting edge health and safety products for many industries.	
INNOVATION PAVILION	
3Rwater ● 4817L www.3r-water.com 3Rwater is a climate-technology company that has a mobile and data platform that helps municipal green stormwater infrastructure programs and enhances community-based stormwater management initiatives.	
AA Thread ● 3631 www.aathread.com AA Thread is a leading supplier of polyethylene encasements for ductile iron pipe. We carry all kinds of Polywrap in stock and ship same day. We also carry pipe wrapping tapes, underground marking tape, detectable tape, tracer wire, barricade tape, thread seal tape and more.	
ABASCO LLC ● 3979 www.abasco.com ABASCO LLC—since 1975 has provided wastewater baffles, lagoon baffles, tank baffles, debris barriers, containment boom, oil recovery skimmers, and temporary storage devices, with numerous other products and services to complement the products offered by the company.	
ABB ● 2025 new.abb.com/water Throughout all stages of the water cycle – from collection, through treatment and distribution – ABB's complete product portfolio can be found accurately controlling water flow and reducing energy consumption, while lowering the overall maintenance costs. Who you choose matters.	
ABC ● 3778 www.abccert.org In 1972, water and wastewater industry leaders began conversations that developed the groundwork for an association to foster operator certification throughout North America and reduce the diversity among certification programs. From those early discussions, ABC was born.	
ABEL Pumps LP ● 1938 www.abelpumps.com ABEL Pumps is a worldwide manufacturer of reciprocating, positive displacement pumps, specializing in filter press feed, sludge transfer, clarifier and thickener underflow transfer and solids handling pumps.	

ACME Engineering Products Inc. ● 1858 www.acmeprod.com Acme's automatic, self-cleaning strainers are used for water and wastewater treatment applications where the removal of suspended solids is critical for the protection of downstream equipment. Vessels are available in CS, SS, Super Duplex and FRP, an industry first. Acme also offers gas detectors.	
STORMWATER PAVILION	
ACO, Inc ● 315 acousa.com ACO is a worldwide leader in trench drainage solutions. Our commitment to excellence offers customers the confidence that ACO products are rigorously tested and that our customer service will go beyond expectations to provide solutions to any stormwater management challenge.	
Adaptor Inc. ● 3858 www.adaptorinc.com Adaptor Inc. is the industry leader in valve box stabilization. We offer a full line of valve box adaptors for whatever your needs are. Our manhole seals and barrel wraps are a great solution to reduce I & I in your collection systems.	
Advance Products & Systems LLC ● 644 apsonline.com APS, founded in 1978, is a leading manufacturer and distributor of oil and gas, water/wastewater, and industrial and chemical products. Our products and services include: quality software for AP systems, quality software for products manufacturing, and the ability to protect your personnel and the environment.	
Advantage Sales & Supply ● 3825 www.advantagebiz.com Advantage Sales & Supply Co. Inc. manufactures a complete line of pump lifting apparatus and hardware in both stainless steel and galvanized steel, adaptable to any submersible pump or lift-station installation.	
AEGIS dba Electro Static Technology ● 3957 www.est-aegis.com At Electro Static Technology we love a good challenge. Problems with motor bearing damage led us to develop the patented solutions used in the AEGIS Shaft Grounding Rings used by industry-leading manufacturers across the globe.	
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AGRU America, Inc. ● 1035 agruamerica.com AGRU America offers Concrete Protective Products including liners and sheet materials, as well as pipes and fittings made from PE100/PE4710 to suit a wide range of applications. Fittings are available in both butt fusion and electrofusion configurations. Learn more about AGRU – visit us online.	
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AlpHa Measurement Solutions ● 2457 www.alpha-measure.com AlpHa Measurement Solutions, established Dec. 2019, is a liquid sensor technology platform serving the customers of these three long-standing, market-leading brands for electrochemistry products and other solutions: Analytical Sensors & Instruments (ASI), Van London Co., and Aurora Scientific Instruments.	
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EXHIBITOR MARKETPLACE

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The Water Environment Federation's Supporting Publications Program, led by the official publication of WEFTEC, *Water Environment & Technology Magazine (WE&T)*, would like to thank this year's participants for their continued support of WEFTEC. The publications, spanning the water and wastewater spectrums, continue to reach a broader and more diverse audience of water quality professionals.

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