EXHIBITOR
CALL FOR CONTENT

Gain additional exposure for your company while helping us educate WEFTEC attendees on the exhibit floor!

Our **Technology Spotlights** offer exhibitors the opportunity to present technical information on the exhibit floor. During the technology spotlight, WEF will bring attendees to selected booths for presentations focused on specific topics by exhibitor experts. Any exhibitors who can address the subject matter and meet the learning objectives of the topics presented in this call are welcome to submit an abstract.

Please read through this document carefully and completely. In the following pages you will find the Submission Topics, our Selection Criteria, and How to Submit.

The Exhibitor Call for Content will close on June 2nd at 9:00AM Eastern. After closing, all submissions will be reviewed by select members of the WEFTEC Program Committee. Exhibitors will be notified of acceptance in early summer.

The link to submit can be found in the How to Submit section.

SUBMISSION TOPICS

Topic & Description	Learning Objectives
Aeration Blowers Water resource recovery facilities require high-volume, low-pressure air for a number of purposes including but not limited to aerated grit removal, channel aeration for mixing, aeration in aeration basins, aeration in aerobic digesters, filter backwash scour air, and membrane scour air. Different blower technologies are appropriate for different applications within the facility. Blower manufacturers will provide a review of the different technologies they provide with a discussion of their practical applications and constraints.	Participants will be able to (1) Identify the various blower technologies available (2) Understand the appropriate applications for the various blower technologies, and (3) Understand maintenance requirements for each blower technology.
Aeration Diffusers Walk the floor with aeration experts and learn about diffuser geometry, materials, and fouling.	Participants will be able to (1) Distinguish the differences between diffusers of different geometry (2) Understand the material properties and applicability in wastewater treatment (3) Quantify performance in clean water and wastewater, and diffuser fouling
BNR Optimization: Leveraging Sensors and Analyzers The use of sensors and analyzers for monitoring nutrients and process control is becoming increasingly common at BNR facilities. Attendees will be taken to various manufacturers that supply sensors for measuring ammonium and nitrate and analyzers for ammonia, nitrate, nitrite, and phosphate. Each manufacturer will discuss their instrumentation offerings, selection recommendations, general installation requirements, and typical maintenance procedures.	Participants will be able to (1) Evaluate which technology (sensor or analyzer) is most suitable for specific process streams and treatment objectives. (2) Understand the advantages and limitations of using instruments for optimizing BNR. (3) Discuss maintenance requirements including personnel hours and consumables needed to properly maintain equipment.

Transformation of PFAS In Residuals: Breaking the Chains Join us in the exhibit hall for a guided tour of PFAS transformation technologies. We will lay out the issues surrounding PFAS in biosolids and summarize the state of PFAS transformation technologies before a guided tour to meet with technology providers for pyrolysis, supercritical water oxidation, gasification, hydrothermal processing and other technologies. Engage in interactive discussions with vendors and peers and leave with the confidence to implement these cutting-edge technologies in your own organization.	Participants will be able to (1) At the conclusion of this activity, participants will be able to distinguish between different types of PFAS transformation technologies, including pyrolysis, supercritical water oxidation, and hydrothermal processing. (2) At the conclusion of this activity, participants will be able to describe the principles of design and operation for each technology. (3) At the conclusion of this activity, participants will be able to explain the pros and cons of each type of treatment and identify potential use cases based on their unique strengths and limitations.
Chemical Dosing and Mixing Technologies For Disinfection Join us on a guided tour of selected vendor booths to highlight the key considerations of chemical dosing, induction, and mixing technologies for disinfection systems. We will review the factors influencing technology selection, including an overview of disinfection chemistry, ease of implementation and maintenance, and chemical dispersal for efficient disinfection.	Participants will be able to (1) Recognize the key parameters that lead to effective and efficient chemical dosing. (2) Assess the advantages and disadvantages of different chemical feed technologies, including metering, induction, and mixing. (3) Develop awareness of the array of features and operational limitations of equipment offered by various providers.
Instrumentation and Intelligent Water Solutions This session offers a focused overview of how integrating advanced instrumentation with intelligent water solutions is revolutionizing wastewater treatment, leading to smarter, more sustainable, and cost-effective operations. Walking the floor will give operators, owners, and other stakeholders the opportunity to visit the various companies and their experts.	Participants will be able to (1) Explore the latest sensors, analyzers, and monitoring systems for real-time data acquisition and process control. (2) Obtain a fundamental understanding of the AI-powered platforms and software that provide predictive analytics, automated optimization, and data-driven decision-making. (3) Discover how these technologies can reduce energy consumption, chemical usage, and operational costs.

Dewatering Technologies Up Close: Get the Water Out This interactive mobile session takes attendees across the WEFTEC exhibit floor to explore advancements in dewatering technologies. Removing moisture from sludge continues to be a challenge. At each stop, equipment manufacturers will give quick demonstrations or explanations of latest technology advancements, followed by a facilitator-led discussion on performance, footprint, energy use, polymer consumption, and O&M considerations. Designed for operators, engineers, and utility managers, this session offers practical insights for technology selection and process optimization.	Participants will be able to (1) Advancements in dewatering technologies. (2) Ask better questions when evaluating dewatering equipment for procurement or upgrades. (3) Identify factors influencing dewatering performance.
Introduction to Wastewater Biological Treatment Technologies on the Exhibit Floor Learning the fundamentals of secondary treatment covering various technologies (activated sludge, MBR, MABR, lagoons, etc.) with a guided tour of the Exhibit floor. This will be a high-level introduction targeted at young professionals, city officials, operators, engineers and anyone interested in learning about the different biological wastewater treatment options available. This mobile Spotlight will allow attendees the opportunity to gain an improved understanding of biological treatment and equipment and the best application of each technology depending on the level of organic pollutant and nutrient removal required while interacting directly with the equipment being discussed.	Participants will be able to (1) Relate what is learned in the theoretical aspects (sessions) to the practical aspects (equipment) of the operations, management and design of wastewater biological treatment equipment and processes. (2) Obtain a fundamental understanding of the wastewater secondary treatment options typically used by Municipalities. (3) Learn about the technology, equipment and companies providing biological treatment solutions.

Introduction to Wastewater Disinfection Technologies on the Exhibit Floor Learning the fundamentals of Wastewater disinfection covering various technologies (UV Disinfection, chlorination, PAA, ozone, etc.) with a guided tour of the Exhibit floor. This will be a high-level introduction targeted at young professionals, city officials, operators, engineers and anyone interested in learning about the different disinfection options available. This mobile Spotlight will allow attendees the opportunity to gain an improved understanding of disinfection treatment and equipment and the best application of each technology depending on the upstream processes and level of disinfection required while interacting directly with the equipment being discussed.	Participants will be able to (1) Relate what is learned in the theoretical aspects (sessions) to the practical aspects (equipment) of the operations, management and design of wastewater disinfection equipment and processes. (2) Obtain a fundamental understanding of the wastewater disinfection options typically used by Municipalities (3) Learn about the technology, equipment and companies providing disinfection solutions
Solids Treatment Technologies: It's a lot to DIGEST This technology spotlight will walk attendees through the solid's treatment train. They will be exposed to solids management technologies such as pumping, thickening, digestion, dewatering, and sludge drying. This session is designed for attendees who are either new to the wastewater field who are looking for an overview of the solid's treatment process, or for those who are looking to improve or upgrade a solids treatment process.	Participants will be able to (1) Identify and recognize available solids treatment solutions (2) Compare options for solids treatment and handling (3) Determine how to integrate available technologies into existing solids treatment infrastructure.
Laboratory Operations This mobile session will help Laboratory personnel with equipment selection, understand underlying measurement principles and experience novel technology. The session will expose attendees to technology that can improve efficiency in the laboratory, as well as novel concepts and technologies for improved accuracy and added process control.	Participants will be able to (1) Evaluate different options for obtaining and/or delivering samples for measurement. (2) Understand measuring principles of sensors/probes. (3) Be able to evaluate laboratory equipment.

Preliminary and Primary Treatment: Let's Get Physical This technology spotlight is ideal for attendees who are looking to upgrade or improve their headworks and primary treatment processes. The purpose of this session is to showcase a variety of solutions for screening, grit removal, and primary clarification.	Participants will be able to (1) Differentiate between preliminary and primary treatment technologies (2) Design preliminary/primary treatment improvements (3) Compare various technologies and recognize how to utilize them with existing infrastructure.
Liquid Treatment Technologies for PFAS at Water Resource Recovery Facilities Join us in the exhibit hall for a stationary session to review different PFAS removal technologies for wastewater. Explore technologies including foam fractionation, electrochemical oxidation, adsorption, and more. Engage in interactive discussions with technology providers and leave with the confidence to implement these cutting-edge technologies in your own organization.	Participants will be able to (1) At the conclusion of this activity, participants will be able to describe different PFAS removal processes such as adsorption, foam fractionation, and electrochemical oxidation. (2) At the conclusion of this activity, participants will be able to describe considerations for implementing PFAS treatment technologies in municipal facilities. (3) At the conclusion of this activity, participants will be able to recognize drivers for the specific PFAS treatment solutions.
MABR Technology Showcase MABR (Membrane Aerated Biofilm Reactor) technology is well-suited for wastewater treatment applications needing high nutrient removal, energy efficiency, and footprint reduction, making it ideal for upgrading existing plants, decentralized treatment, and treating various industrial and municipal wastewaters.	Participants will be able to (1) Recognize the benefits of MABR technology (2) Evaluate potential applications for MABR (3) Assess the potential MABR technology offerings
Biological Odor Control Misconceptions For over 30 years, biological odor control has been widely used in wastewater systems, evolving through advancements in design, media types, and operational strategies. However, misconceptions about capabilities, limitations, and best practices persist. In this session, technology providers will debunk common myths with real-world case studies,	Participants will be able to (1) At the conclusion of this activity, participants will be able to recognize misconceptions regarding the application of biological odor control systems. (2) At the conclusion of this activity, participants will be able to select biological odor control configurations based on actual technology capabilities and limitations. (3) At the conclusion of this activity, participants will

providing insights into the true potential of biological odor control systems.	be able to apply biological odor control technology appropriately to their systems.
Plant Intensification: AGS, DAS, MBBR, IFAS??? This session will provide an overview of plant intensification strategies, or means to address the growing drive for higher effluent quality and/or more plant capacity. Some of the tools include Integrated Fixed-Film Activated Sludge (IFAS), Moving Bed Biofilm Reactor (MBBR), Aerobic Granular Sludge (AGS), and Densified Activated Sludge (DAS) technologies.	Participants will be able to (1) Discover solutions for optimizing plant performance and meeting future demands while maximizing existing infrastructure (i.e. tankage). (2) Network with leading companies specializing in AGS, DAS, MBBR, IFAS systems (3) Hear how these technologies can reduce energy consumption, chemical usage, and operational costs.
Secondary Treatment for Distributed WWRFs What do you do with the project that can't reach sewer? Who can you turn to for help? This interactive mobile floor session will bring attendees through the sea of "big" to find manufacturers with secondary treatment equipment serving distributed communities.	Participants will be able to (1) Identify manufacturers providing secondary treatment equipment for distributed/decentralized communities. (2) Recognize treatment advancements, scalability, and O&M requirements within the distributed infrastructure community. (3) Spotlight equipment meeting NSF40 or NSF245 effluent standards.
Testing & Microbial Methodology Match-Up Are you using the right assays and methods to measure pathogens and indicators? Does your instrumentation or lab methodology need an update? Then come to our technical spotlight where industry leaders and exhibitors will walk through the latest methods and technology on microbial testing and monitoring. The spotlight will begin with a brief overview for the audience to identify the right assays for the right situation, followed by a floor tour highlighting the latest and greatest methodologies and instrumentation.	Participants will be able to (1) At the conclusion of this activity, participants will be able to assess the relevance of different pathogen measurement methodologies. (2) At the conclusion of this activity, participants will be able to determine the most applicable tools to measure pathogens for their needs.

Tertiary and Disinfection Treatment for Distributed Systems What do you do with the project that can't reach sewer? Who can you turn to for help? This interactive mobile floor session will bring attendees through the sea of "big" to find manufacturers with tertiary and disinfection treatment equipment serving distributed communities.	Participants will be able to (1) Identify manufacturers providing tertiary and disinfection treatment equipment for distributed/decentralized communities. (2) Recognize treatment advancements, scalability, and O&M requirements within the distributed infrastructure community. (3) Spotlight equipment for nutrient removal, disinfection, or meeting NSF350 effluent standards.
The Power of Ozone: Municipal Treatment Innovations Discover how ozone technology is transforming municipal water and wastewater treatment in this exclusive WEFTEC Mobile Technical Tour. This guided experience will connect attendees with leading exhibitors showcasing cutting-edge ozone solutions for drinking water purification, wastewater reuse, and advanced oxidation processes. Attendees will gain valuable insights into how ozone improves water quality, enhances treatment efficiency, and supports sustainable water management. This is a must-attend opportunity for water professionals looking to explore innovative approaches to municipal treatment challenges.	Participants will be able to (1) Understand the Role of Ozone in Municipal Water Treatment – Learn how ozone technology enhances water quality, improves disinfection, and supports advanced treatment processes for drinking water and wastewater reuse. (2) Explore Innovations in Ozone-Based Treatment Solutions – Gain insights into the latest advancements in ozone generation, mass transfer, and process optimization to improve efficiency and sustainability in municipal applications. (3) Evaluate Real-World Applications of Ozone Technology – Discover how utilities are implementing ozone systems to address regulatory challenges, enhance operational performance, and reduce environmental impact.
Innovations in Biosolids Drying: Turning Up the Heat As biosolids disposal becomes more challenging due to emerging contaminants and limited local outlets, thermal drying is gaining traction as a key solution. It reduces volume, enables broader end uses, and is a	Participants will be able to (1) Describe key features of advanced thermal drying technologies that improve energy efficiency and operational performance. (2) Compare evaluation criteria for selecting drying systems, including energy use, footprint, product quality,

necessary pre-treatment for processes like pyrolysis and gasification. However, drying is energy-intensive — and innovation is needed to make it more efficient and cost-effective. This mobile session highlights drying technologies that are reshaping how utilities approach solids management. Attendees will hear directly from technology providers and explore new solutions that balance performance, sustainability, and operational practicality.	and compatibility with downstream processes. (3) Identify pretreatment steps that influence drying system performance.
Utilizing Level Sensors for SSES & I/I Prioritization Advancements in portable level sensor technology and data analytics have made them powerful tools for Sewer System Evaluation Surveys (SSES), enabling utilities to pinpoint inflow and infiltration (I/I) issues with greater accuracy. This session will showcase various level sensing technologies, their data platforms, and practical applications for identifying and addressing I/I. Attendees will learn how to leverage these tools for data-driven decision-making, including prioritizing rehabilitation efforts, allocating funding efficiently, and improving regulatory compliance.	Participants will be able to (1) Compare different level sensing technologies by evaluating their capabilities, data platforms, limitations, and best-use scenarios. (2) Analyze various techniques for identifying and quantifying I/I impacts, considering factors such as catchment size, monitoring duration, and data interpretation methods. (3) Explore data platforms and strategies that will help to prioritize rehabilitation projects, optimize resource allocation and enhance system performance.
UV Disinfection and UV-Advanced Oxidation Technologies Come visit and chat with UV technology exhibitors and see the latest advances in UV technology for wastewater disinfection and advanced treatment including conventional lamps, UVC-LEDs, and UV reactors as part of advanced oxidation systems to transform contaminants for potable reuse and groundwater recharge.	Participants will be able to (1) Identify new and evolving UV technology equipment options. (2) Describe applications of UV for advanced oxidation of microcontaminants. (3) Explain the principles of operation of UV disinfection and advanced oxidation.

Wastewater Fundamentals: Influent to Effluent This technology spotlight is perfect for anyone new to the wastewater industry that is looking for a high level overview of the liquid stream process. Attendees will visit 3 – 4 booths where they will learn about each stage of the treatment process from influent to effluent. This will include preliminary treatment, pumping, biological treatment, and advanced/tertiary treatment.	Participants will be able to (1) Identify the liquid stream processes in the flow of a resource recovery facility (2) Summarize the objectives and importance of each of the stages of treatment (3) Differentiate various treatment terms and technologies based on which stage of treatment they are used for.
Go with the Flow: Mastering Mixing for BNR Success This technology spotlight will showcase different mixing technologies for biological nutrient removal systems. Attendees will learn about big bubble mixing, top down mixing, and submersible mixing systems. They will see how each technology works and is installed, as well as discover what to consider when designing a mixing system for a BNR process. They will learn about how to integrate various technologies into existing or proposed infrastructure and understand the operation and maintenance requirements associated with each of the technologies.	Participants will be able to (1) Evaluate various mixing technologies for BNR systems as it is related to their existing infrastructure (2) Identify considerations to make when selecting a mixing system (3) Compare mixing techniques to make design decisions.

HOW TO SUBMIT

To submit, visit this site: https://ww5.aievolution.com/wef2401/

On our submission site, you will need to submit a short abstract specific to the Technology Spotlight you are applying to addressing the following:

Standard Guidelines

- An overviewing description of the technology and/or service that will be highlighted in the Technology Spotlight
- How the product fits into the Technology Spotlight topic and adds value- focus on the Learning Objectives
- Product, technology, or service characteristics and uses.
- Key design issues
- Typical level of automation/operator attention required.
- Start-up and shutdown sequences (if applicable)
- Any required ancillary system

Formatting

- Abstracts should be approximately 300-500 words in length.
- Images must be uploaded separately.
- Type the presentation title, authors, and keywords into individual fields, separate from the body of the abstract.
- Copy and paste the body of your abstract into the online system.
- The online system allows for some basic formatting (bold, underline, italics) but will automatically remove formatting such as line spacing, font type and size, and margins.
- Do not attempt to copy and paste from a PDF into the system or include any headers or footers in your document.
- Do not copy and paste a sales brochure.

Content

- Clearly define the objectives, status, methodology, findings, and significance of the investigation or study related to the topic you are submitting to.
- Your abstract and presentation should not be a sales pitch of your product,but instead describe how you will provide a learning opportunity for attendees.
- Present the science behind the technology, product, or service.
- Do not use content that comes directly from a sales brochure.

CRITERIA FOR SELECTION

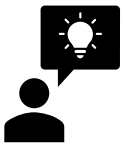
Overall, abstracts will be reviewed based on their technical merit, educational components, and applicability to the specific topic to which they have been submitted. Specifically, each one is scored on the following criteria:

Applicability

The abstract/presentation should present ideas, concepts, or lessons learned that are transferable to other facilities and situations.

Consequences

The abstract and presentation should address the consequences of the issue or project presented. The consequences, both intended and unintended, could include environmental, economic, and social impacts. Both positive and negative results are encouraged.



Relevance

The abstract should appeal to the WEFTEC audience, presenting breakthrough technologies, new concepts, novel applications of concepts, original ideas, new twists, hot topics, or application of fundamental techniques to today's problems. Further, abstracts should be relevant to the specific topic under which they were submitted.

Content, Clarity & Quality

Authors should prepare clear, concise abstracts and presentations. The quality and content of abstracts and presentations are considered indicative of the presentation at WEFTEC 2025.

Criteria For Exclusion

WEF reserves the right to exclude presentations that have been shown to be a sales pitch, highly commercial in nature, or negative about competitive products based on participant feedback from prior WEF conferences. WEF promotes the education of participants in these sessions and welcomes the submissions from exhibitors who make participants comfortable and provide them with the education we are hoping for.