



June 18-21, 2024
Oklahoma City, Oklahoma



wef.org/ResidualsBiosolids

Exhibitor Exclusive: Technology Spotlight Call for Presentations

DEADLINE TO SUBMIT: February 13, 2024
SUBMIT ONLINE: www.wef.org/ResidualsBiosolids

Important Information: If accepted, the presenter(s) will need to work with the Conference Committee to develop presentation content and must abide by the set deadlines to provide materials and input. **Presenter(s) agree to pay all expenses relating to contracting a booth on the exhibit floor at the conference.**

Technology Spotlight Background Information

This will be the sixth time we offer technology spotlight (previously mobile session) presentations at the WEF Residuals and Biosolids Conference. These sessions bring attendees directly to exhibitor booths for topic-focused discussions that allow presenters to showcase products and services in technical and educational presentations combined with equipment or hands-on visuals. This session is open to any exhibitor who can address the subject matter.

Presenters are expected to give up-to three 20-minute presentations back-to back simultaneously with up-to 4 other exhibitors.

What is a Technology Spotlight Presentation?

- Non-PowerPoint learning opportunity
- Hands on experience between vendors, operators, and engineers

What is the process?

- Submit a one page proposal on the website by 11:59pm ET on February 13, 2024
 - Include description of proposed presentation
- All proposals will be reviewed by the Specialty Conference Steering Committee
- Committee will send feedback
- Work with committee members on final presentation

Technical Presentation Information

- Cannot be a sales pitch (presentations will be monitored for this)
- What does/doesn't work for certain technologies
- Example: ideal application, size limitations, calculations, design life, tolerance of active infiltration, etc.
- Should be a technology discussion
- Topics are selected by committee with vendor input

Interested in Exhibiting at the WEF Residuals and Biosolids Conference 2024?

Contact: Nic Christy at nchristy@wef.org or +44 7899.927.926

Examples from Past Technology Spotlight Presentations

2023 Technology Spotlight

- Carbon Neutrality Biosolids Drying Achieved in Bottrop. Biosolids Incineration Plant no longer requires supplemental coal.
- Optimizing Dewatering Under Changing Sludge Characteristics
- Performance Optimization for Centrifuge Biosolids Dewatering
- Advanced dewatering for most conventional to most innovative conditioning Special focus on PXVNeo HydroThermal Carbonisation plant, first HTC on municipal sewage sludge in the US
- Truck Loading System: the FOIL
- Understanding the physio-chemical mechanism for PFAS elimination under supercritical conditions
- Double your cake solids in under 1 min

2022 Technology Spotlight

- Elimination of PFAS in Wastewater Residuals and Biosolids Using Supercritical Water Oxidation (SCWO)
- Dewatering Anaerobically Co-digested Biosolids; Learning from Experience in Scandinavian Countries
- Laboratory Verification of PFAS Destruction Efficiencies of High Temperature Thermal Oxidation Processes
- Optimizing Polymer Activation: Following the Science
- Design and Performance Evaluation of Active Solar-Assisted Biosolids Drying with Decentralized Thermal Recovery System

2021 Technology Spotlight

- Digester Defense by Sludge Screening
- An Overview of Biogas H₂S Removal Technologies
- Treatment of All types of Digestate from Mesophilic to Thermophilic to THP Pre-Treated sludge using the DEMON® Anammox Process
- Lessons Learned from Piloting Biosolids Composting and Leading Towards to a Successful Biosolids Management Program

2018 Mobile Session (now Technology Spotlight)

- Two years experiences of operation and maintenance of an alkali thermochemical hydrolysis process for anaerobic digestion pretreatment
- Hydraulic Mixing Optimization in Anaerobic Digesters
- Four Case Studies - Applications of Bio-augmentation & Bio-Catalysis for Enhancing Biological Treatment
- Sludge Odor Control Program at Bergen Point Wastewater Treatment Plant, Suffolk County, NY

2017 Mobile Session (now Technology Spotlight)

- Indirectly Heated K-S Paddle Dryer System
- The RDP-Fenton Batch Dryer System
- Next Generation Thermal Hydrolysis
- Thermal Hydrolysis for Sewage Treatment Current and Future Potential
- High Pressure Thermal Hydrolysis with Biogas Upgrading to Renewable Natural Gas
- Case Study of a Small Plant that Used a Stirling Engine for Biogas Cogen