

WEF RESIDUALS AND BIOSOLIDS CONFERENCE




2023
CHARLOTTE, NC



Date/Time Presentations Hazen Contact

Tuesday, May 16th

1:30 PM - 5:00 PM **Delving into Digestion: Anaerobic Digestion Process, Design, and Operation**   C. Michael Bullard
Jeff Coyne

Wednesday, May 17th

10:45 AM - 11:45 AM **Impacts of Thermal Processes on PFAS - Updates from Water Research Foundation Projects**  Derya Dursun
WRF 5107: Understanding Pyrolysis for PFAS Removal


4:15 PM - 4:45 PM **Intensifying Digestion**   Paul Le Bel
Matthew Van Horne
Growing Up Together: Sidestream Startup Concurrent with THP Digestion to Meet Strict Recycle Limits

Thursday, May 18th

10:45 AM - 11:15 AM **PFAS Challenges and Treatment**  Anna Munson
Cost implications of PFAS destruction in biosolids: A Case Study from the Minnesota Pollution Control Agency



1:30 PM - 2:00 PM **Co-Digestion**  Mohammad Abu-Orf
WRF Research Highlights: New Discoveries and Tools to Support Your CoDigestion Program



1:30 PM - 2:00 PM **Case Studies**  Michael Bullard
Multi-Utility Collaboration to Address Biosolids Management Challenges in the South Carolina Low Country



2:00 PM - 2:30 PM **Advances and Innovations in Thermal Processes I**  Derya Dursun
Designing for the Future of Solids Management Optimizing Biodrying and Pyrolysis Treatment Design

4:15 PM - 4:45 PM **Co-Digestion**  Micah Blate
WRF Project# 5307: Evaluation of Source Separated Organic Feedstock Pretreatment and Management Practices


Friday, May 19th

9:00 AM - 9:30 AM **Advances and Innovations in Thermal Processes II**   Ankit Pathak
Wendell Khunjar
Assessing Impacts of Thermal Hydrolysis on Mainstream NonBiodegradable Organic Carbon and Nutrients at the Broad Run WRF

10:15 AM - 10:45 AM **Managing Biosolids in the Carolinas**   Michael Bullard
Amy Hanna
Implementation of Raleigh Water's Bioenergy Recovery Project

10:45 AM - 11:15 AM **Advances and Innovations in Thermal Processes II**   Julie Amenta
Matthew Van Horne
Dry Another Day

ALTERNATE:

TBD **ALTERNATE: Case Studies**   Mohammad Abu-Orf
Paul Knowles
NYC's Biosolids Master Plan

TBD **ALTERNATE: Advances and Innovations in Thermal Processes II**  Derya Dursun
Demonstration of Supercritical Water Oxidation to Diversify End Products, Destroy PFAS and Reduce Air Emissions