

TRACK VII=Asset Management SPEAKERS

8:30-9:25 Computer Vision AI & Cloud Computing in Sewer Inspection: Driving Regulatory Compliance & Sound Asset Planning

Eric Sullivan, Director of Business Development, Sewer AI



Eric is a subject matter expert in sewer condition assessment and trenchless rehab. He's worked with countless sewer utilities, engineers, and contractors, and fulfilled a variety of accountabilities in his 14-plus years in the industry, managing operations, business development, and inspection and sewer cleaning equipment sales and training.

He is also a NASSCO PACP Trainer, leading programs throughout North America.

9:30-9:55 Developing, Comparing Prediction Models for Sanitary Sewer Condition Assessment via Multinomial Logistics

Dan Atambo, Ph.D., P.E., Senior Engineer, Dallas Water Utilities



During his more than 20-year career, Dan has designed, planned, and managed numerous projects in water and wastewater pipelines, and irrigation and drainage systems. At DWU, he is involved with water and wastewater-related projects, for one of the largest water utilities in the country.

He is also a member of the American Society of Civil Engineers (ASCE) and has volunteered for 15 years on international community projects with Engineers Without Borders (EWB).

10-10:25 Everything is Easier by the Foot: Unit Costing by Linear Foot

Phil Cook P.E., Senior Project Advisor, CP&Y Inc.



Phil's experience spans 38 years in the water industry, the majority spent in the water-challenged states of Texas, Arizona and California. His extensive project list includes water resource and master planning, design and construction of large water/wastewater treatment and conveyance facilities.

Program-related experience includes both management and teams for new water resource programs and consent decree work. His career also encompasses 8 years as director at San Antonio Water System..

Jordan Eades, EIT, Project Engineer, CP&Y Inc.



Jordan is well-versed in project implementation processes and procedures. She currently assists project managers in the preparation of contract documents, including drawings, specifications, RFIs, comment responses, schedules and engineer's opinion of probable construction cost.

She successfully completed the April 2021 NCEES Principles and Practice of Engineering (PE) examination and is awaiting professional engineering licensure, after successful completion of the experience requirements.

10:30-10:55 Quantitative Risk Assessment of Large-Diameter Interceptors

Mazen Kawasmi, P.E., Principal/Vice President, Freese and Nichols Inc.



Mazen currently manages the North Texas Water/Wastewater Master Planning team.

As one of the firm's most-experienced modeling professionals for water and wastewater systems, his primary focus is Master Plans, studies, and GIS development and integration for municipalities and other service providers.

He is certified in Asset Management by the Institute of Asset Management.

Stephen Johnson, P.E., Senior Project Manager, Freese and Nichols Inc.



Working in FNI's Water/Wastewater Master Planning Group, Stephen has experience in water and wastewater master plans, physical and desktop condition and risk-based assessment programs, water and wastewater CIPs, and impact fee programs. His expertise spans working with multiple hydraulic modeling software packages and a variety of data management programs, such as Innovyze, ITPipes, GraniteNet, and Cartegraph.

Currently, he is the assistant project manager for Fort Worth's Interceptor Condition Assessment Program.

Mark Shell, Technical Services Coordinator, Fort Worth Water Department



Mark manages the Field Operations Division's work practices and technical needs of over 300 , with 50,000 work orders a year. He contracts and manages the condition assessment for over 7,000 miles of main.

He has 22 years of experience in water and wastewater, from field investigations to database architecture and software implementations.

Rod Thornhill, Owner, White Rock Consultants



Rod has more than 40 years of experience in all phases of wastewater collection system assessment, including defect location, flow monitoring, and multi-sensor inspection and analysis. Also, he is currently Consulting Team Program Manager for the Fort Worth Water Department's Interceptor Condition Assessment Program (ICAP).

He was Chairman of NASSCO's original PACP Committee, NASSCO president and past-president, and an ASCE MOP 92 Blue Ribbon Panel member.

11-11:25 Tyler, TX, Wastewater Rehabilitation Strategy & Lessons Learned

Mathew Busby, P.E., Associate/Team Leader, Lockwood, Andrews & Newnam Inc.



Mathew has more than a decade of experience developing engineering solutions for municipalities. His background includes roadway, drainage, water, and wastewater projects. His broad range of design and construction experience is invaluable for effectively and efficiently delivering complex projects.

He was recognized as a 2020 Rising Star in Full-Service Engineering by Civil + Structural Engineer and a 2019 Young Engineer of the Year by the Dallas Chapter of TSPE.

Paul Neuhaus, P.E., Environmental Compliance Engineer, City of Tyler,



Paul has private sector experience in project management and consulting engineering prior to beginning work with the City of Tyler in 2018. Consulting experience included structural evaluations, paving design, stormwater management, and environmental permitting (air, industrial pretreatment, stormwater) and remediation.

He oversaw operational changes, reporting submittals, assessment work, and the initiation of remedial construction, required by the City's wastewater collection system Consent Decree.

11:30-11:55 Capturing Lost Revenue from Large Meters

Ashley Waits, P.E., Utility Operations Engineer, City of Irving



Ashley graduated from Texas Tech University with her Bachelor's in Civil Engineering in 2006.

After starting her career in consulting, she then transitioned to public sector to work for the City of Irving in 2013.