

# **TRACK I-E=Sewer/Water Construction & Rehabilitation SPEAKERS**

## **8:30-9:25 Landmark Year for Sewer/Water Infrastructure**

**Eben Wyman, Principal , Wyman Associates**



Eben has worked in for several national construction associations, as well as for the U.S. DOT's Office of Pipeline Safety, during his 30 years working in Washington.

In 2012, he founded Wyman Associates, a government relations firm located on Capitol Hill. The firm works for associations representing contractors, manufacturers and distributors who build and improve natural gas distribution systems, gathering and transmission pipelines, broadband and electric power systems, and water and sewer infrastructure.

## **9:30-9:55 Condition Assessment Framework to Evaluate Spray-Applied Renewed Culverts**

**Zahra Kouchesfehni, Ph.D., Adjunct Professor, UTA-CUIRE; Assistant Engineer, Hazen and Sawyer**



Zahra has 14 years of experience encompassing research, engineering, and management activities. Her expertise is trenchless technology, pipe rehabilitation, inspection, and condition assessment.

She is an active member of ASCE, NASTT and AWWA Standard Committees, and serves as chair of the Publication subcommittee of the AWWA Water Main Condition Assessment Committee.

**Amin Tehrani, Ph.D., P.E., Project Manager, ASFI Construction**



Amin is an experienced engineer in pipe structural rehabilitation using SAPL systems, trenchless technology, pipe structural analysis, condition assessment, structural testing, and numerical simulation. He has provided technical assistance with engineering, specifications, and condition assessment of many pipe rehabilitation projects for municipalities, DOTs, water district authorities, etc.

As a post-doctoral research associate at CUIRE, he was co-principal investigator of multiple funded research studies and has authored more than 20 peer-reviewed journal articles and conference papers.

## **10-10:25 Cleaning can be a Bitter Pill to Swallow: Smart Tech Cure Lowers Costs, SSOs for Utilities**

**Jay Boyd, Director of Market Development, Ads Environmental Services**



Jay's 39-year career is dedicated to technology and business development, guiding numerous innovations to market. He works throughout North America with water utilities and engineering firms.

Since 2019, he's spoken at 35 conferences and is extensively published in leading water-industry journals. He's a WEF member and serves on its Intelligent Water Technology Committee.

He has a Bachelor's in Biology and has completed graduate studies in business and technology. He's earned two Dale Carnegie Instructor Certifications.

## **10:30-10:55 Inverted Siphon Design: How Low Should I go?**

**Taylor Allison, EIT, Project Engineer, Lockwood, Andrews & Newnam Inc.**



Taylor graduated from Texas Tech University, in August 2018, with a dual master's/bachelor's in environmental engineering.

Her career has focused on replacement and rehabilitation design of large-diameter (30 to 90 inches) wastewater pipelines within the North Texas region. She also has experience in various technical designs, including bank stabilization and erosion control, aerial crossings and siphons, and tunneling for construction.

**Rachel Macias, EIT, Project Engineer, Lockwood, Andrews & Newnam Inc.**



Rachel has worked with the Infrastructure Water Conveyance team at LAN for over two years.

She has experience designing water, wastewater, and stormwater lines in North Texas with a focus on large diameter water and wastewater pipelines.

She graduated from Columbia University with a Bachelor's in Earth and Environmental Engineering, in May 2019.

**11-11:25 Gyroscopic Mapping Technology Locates Underground Utility in Congested Urban Area**  
**Santosh Saride, Vice President of Strategy & Business Development, PRISUM Technologies**



At PRISUM Technologies, Santosh focuses on client relationship management, business development, resource allocation, budget planning and strategic partnerships.

He has 16 years of experience in engineering and as a business leader, with a proven track record in product development, validation testing, and large-scale implementation. During his career, he made significant contributions at various Fortune 500 companies including Caterpillar, General Motors, and Cummins.

**11:30-11:55 Pump Station Discharge Pipe Rehabilitation with FRP**  
**Firat Sever, Ph.D., P.E., Pipeline Division Manager, QuakeWrap Inc.**



Firat's 19 years of industry experience in water/wastewater infrastructure spans a wide variety of projects – small/large conventional, design/build, and high-profile international research. Currently, he spends the majority of his time in design, R&D, and marketing of QuakeWrap's pipeline solutions.

His expertise in trenchless pipeline rehabilitation, as well as new pipeline design, has resulted in more than 25 peer-reviewed publications and a number of presentations at local, national, and international conferences.

**Sid Lockhart, P.E., Special Projects Manager & Deputy, Oakland County, MI, Water Resources**



Sid oversees design and construction for the Oakland County (MI) Water Resources Commissioner's Office. He has over 30 years of experience in construction, and rehabilitation in the water and wastewater industries totaling over \$500 million.

A graduate of Michigan State University with a Bachelor's in Civil Engineering, he is also a licensed Master Plumber.