

EEE Research Seminar

Date: September 17, 2024, at 10:30AM

Location: POTR 234 (Fu Room)

Chris Andres, PE, CWP

Wastewater Process Engineer

Black and Veatch



Consulting in the Water Industry: Challenges, Successes, and Lessons Learned

Abstract

Our water resources and associated infrastructure play a critical role in society, and a career in the water industry is both a challenging and rewarding experience. In this seminar, I aim to share my experience in the industry in hopes that it will inform and inspire attendees to consider pursuing a similar one. I hope to discuss typical responsibilities of a process engineer and our role in solving today's complex challenges. I also aim to discuss career path options; benefits and challenges; and general advice for entering the job market.

Bio

Chris Andres received his BS and MS in Civil Engineering from Purdue University and is currently a Process Engineer with Black and Veatch. He has over 15 years' experience in the industry, accrued through various roles in engineering, consulting, and local government. Chris is a licensed engineer and operator specializing in wastewater treatment. In his current role, he provides consulting services to clients across the United States and has supported technical delivery of a broad range of solutions including wet-weather management, nutrient and heavy metals removal, and energy recovery. Chris is engaged in all phases of the engineering life cycle, but has a passion for strategic planning, field testing, process optimization, and O&M support. Chris enjoys his free time by camping, hiking, and golfing with his wife, Liz.