

AWWA Webinar Program: Adding Utility Benchmarking to Your Continuous Performance Improvement Toolbox

Wednesday, October 7, 2020

Presenter Biography Information

Michael Sweeney, PhD – Deputy Executive Director Toho Water Authority

Mike Sweeney is the Deputy Executive Director of the Toho Water Authority based in Kissimmee Florida since 2011. His 40 years of experience includes serving the City of Indianapolis, the City of Cincinnati MSD and Louisville MSD and served as a consultant for utilities in North America. Mike has been involved with AWWA benchmarking for the past 20 years. He holds a Ph.D. in Environmental Engineering from Purdue University and is a registered professional engineer.

Igor Lugonja – Special Projects Manager, Water Resources Department City of St. Petersburg

Igor Lugonja manages the continuous improvement initiatives at the City of St. Petersburg Water Resource Department, such as strategic planning, APWA accreditation and performance measurement program. He currently serves as vice-chair of the AWWA Benchmarking Advisory Committee and has over 17 years of experience in public service with the City of St. Petersburg as an analyst and investigator.

Jhoanna Murray – Business Analyst City of Tulsa

Jhoanna has been work in the public sector for almost 9 years, the last three years she's worked as a Business Analyst in the Water & Sewer Department. As a Business Analyst for the City of Tulsa Jhoanna helps plan and manage the Water and Sewer Department.

Debbie Cosgrove – Financial Manager Chesterfield County Department of Utilities

As the Finance Manager for the Department of Utilities, Debbie Cosgrove, with over 20 years of experience, guides the finance section that supports the Operating Accountant, the Capital Project Accountant, and the Sr. Utilities Rate Analyst. This team reviews, revises and formulates policies and procedures that will ensure the efficient use of the department's financial resources, determines what funding requirements exist, when funds will be needed, and plans for their availability. This team is also responsible for leading the Utilities budget process, financial accounting for assets, revenues and expenses, and determining utility rates.

AWWA Webinar Program: Applying Real-Time Hydraulic Models to Everyday Operations

Wednesday, October 14, 2020

Presenter Biography Information

Sri Kamojjala, P.E., D.WRE – Senior Engineer Las Vegas Valley Water District

Mr. Kamojjala has been with Las Vegas Valley Water District and manages their real-time modeling efforts. He holds a MS degree in civil engineering and an MS degree in computer science from the University of Louisville.

Tiffany Lufkin – Senior Planning Engineer South Central Connecticut Regional Water Authority

Tiffany Lufkin is the Senior Planning Engineer at South Central Connecticut Regional Water Authority. She has been with the company for twelve years, since graduating from Worcester

Polytechnic Institute with a Bachelor's in Civil Engineering in 2008.

Matt Sellers – Product Manager Sedaru

Mr. Sellers serves as Sedaru's Product Manager for real-time modeling and data integrated solutions, maximizing IoT data including SCADA, AMI, pressure/flow sensors with traditional hydraulic modeling EPANet-based files. Mr. Sellers has been deploying water system models driven by real-time sensor/IoT data for nearly a decade.

AWWA Webinar Program: Innovation Roadmap for Utilities

Thursday, October 15, 2020

Presenter Biography Information

Peter Kraft – Asset Management Practice Lead Xylem Inc

Mr. Kraft is the Asset Management Practice Lead for Xylem Inc. He also serves as a Co-Chair for AWWA's Innovation Committee. Peter has worked intimately within the water utility and technology space for over 15 years and is passionate about helping utilities transform their business practices through the use of innovative strategies and solutions.

Clifford Chan – General Manager East Bay Municipal Utility District

Clifford Chan is the General Manager for the East Bay Municipal Utility District. He most recently served as the Director of Operations and Maintenance for the District. Previously he served as the Manager of Maintenance and Construction and the Manager of Water Treatment and Distribution. Mr. Chan has been at the District for 23 years and has worked in both the Engineering and Operations and Maintenance departments. Prior to joining the District, he was a consulting engineer and worked on a variety of environmental and geotechnical projects. Mr. Chan received his undergraduate and graduate degrees in civil engineering from the University of California at Berkeley and is a registered Professional Engineer in the state of California.

Ryan Locicero, PhD, PE – Business Practice Leader – Research & Innovation Department Clean Water Services

Ryan Locicero, PhD, P.E., is a Business Practice Leader at Clean Water Services in charge of Business Strategy, Performance and Innovation. In his previous role, Ryan was awarded the American Association for the Advancement of Science (AAAS) Science and Technology Policy Fellowship at The National Science Foundation (NSF) in the Directorate for Computer and Information Science and Engineering's (CISE) Office of the Assistant Director (OAD). Dr. Locicero received a Ph.D. in Environmental Engineering, M.E. in Environmental Engineering Sciences, and B.S. in Civil Engineering from the University of South Florida (USF), University of Florida, and USF respectively. Ryan is a registered Professional Engineer in the State of Florida and the State of Oregon and has worked for several years as a private consultant on public infrastructure projects.

John Norton Jr, PhD, PE – Director – Energy, Research, and Innovation Great Lakes Water Authority

Dr. John Norton is Director of Energy, Research, and Innovation (ERI) for the Great Lakes Water Authority (GLWA), a combined water/wastewater utility in Southeast Michigan. GLWA provides 40% of the water for the state of Michigan and treat 30% of the wastewater for the state of

Michigan. His efforts are focused on helping optimize the value of GLWA's capital and operational investments. In previous roles he has worked on water, wastewater, and energy systems in 46 countries and on every continent, including the largest utilities respectively, in North America, Europe, and Asia.

AWWA Webinar Program: Legal Issues in EPA's Lead & Copper Rule

Friday, October 16, 2020

Presenter Biography Information

Ron Tenpas – Partner Vinson & Elkins, LLP

Ron Tenpas is a partner in Vinson & Elkins' Washington office, and is recognized as one of the country's preeminent environmental litigators. He is a former Assistant Attorney General (AAG) for the Environment and Natural Resources Division of the U.S. Department of Justice. Ron currently represents clients in civil and criminal investigations related to alleged environmental violations, in addition to representing companies and trade associations in commenting on proposed regulations and in litigation challenging new regulatory provisions. Before he was appointed AAG, Ron served as an Associate Deputy Attorney General, as the U.S. Attorney in the Southern District of Illinois, and as an Assistant U.S. Attorney in the District of Maryland and the Middle District of Florida.

Spencer Bruce – President and CEO Louisville Water Company

Spencer Bruce has served as President and CEO of Louisville Water since 2016 and has over 23 years of engineering and management experience. He joined Louisville Water in 2006, responsible for managing the company's distribution operations and water treatment facilities. He then served as the company's Vice President and Chief Engineer from December 2013 until January 2016. Prior to Louisville Water, Bruce worked for 13 years with Rohm Haas in North Carolina, Texas, and Illinois holding multiple management.

Corrinne Snow – Counsel Vinson & Elkins, LLP

Corrinne Snow principally practices in environmental law in Vinson & Elkins' New York office, with an emphasis on litigation, regulatory compliance, internal investigations, and defense against government investigations and enforcement actions. Previously, she served as Senior Counsel in the Office of the Associate Attorney General, which oversees all civil litigation on behalf of the United States, and as Counselor in the Office of the Attorney General. Most recently, Corrinne served as Counsel and Chief of Staff in the Environment and Natural Resources Division of the U.S. Department of Justice, where she assisted in managing a 600-person division that included 400 lawyers. In this role she helped manage the Division's civil and criminal litigation arising under more than 150 environmental and natural resources laws.

Shawn Bunting – Vice President & Deputy General Counsel American Water

Since February 2015, Shawn Bunting has served as vice president and deputy general counsel of American Water. In his role, Mr. Bunting leads a legal and compliance team of more than 50 professionals that provide strategic and day-to-day legal services essential to the company's operations throughout the United States. Mr. Bunting's practice focuses on a wide-range of matters including environmental and class action litigation, complex transactions and crisis response. Mr. Bunting joined American Water in 2008 as vice president and general counsel of

American Water's market-based business and led the American Water concession team from 2009 to 2012. Mr. Bunting also has served as the general counsel for American Water.

AWWA Webinar Program: New Water Audit Software

Tuesday, October 20, 2020

Presenter Biography Information

Will Jernigan, PE – CFO, Director of Water Efficiency; Cavanaugh Chair; AWWA Water Loss Software Committee Chair; North American Water Loss Conference

Will Jernigan is the Director of Water Efficiency with Cavanaugh, and has worked with over 1,200 water systems across North America where he is recognized as a leader in the water loss industry. Will leads the AWWA Water Loss Software, Subcommittee, and was appointed to the Management Committee of IWA's Water Loss Specialist group. He was also appointed as the US expert to an international task force developing the ISO Water Loss Standards. Will was Co-Principle Investigator for Water Research Foundation in 2016 and updated in 2020 which formally codified Level 1 validation methodology.

Sofia Marcus, PE – Program Manager – LADWP Water Loss Task Force LADWP

Sofia Marcus is the Manager of Water Resources Regulation, Legislation, and Grants at the Los Angeles Department of Water and Power. Sofia is also serving as program manager for LADWP's Water Loss Task Force. Prior to her employment at LADWP, Sofia worked for the Los Angeles Sanitation Watershed Protection Division and was responsible for ensuring stormwater regulatory compliance for the city. Sofia has bachelor's and master's degrees from the University of Southern California in Environmental Engineering and is currently serving as the Vice Chair of AWWA's Water Loss Control Committee.

AWWA Webinar Program: Watershed Protection and Military Installations

Wednesday, October 21, 2020

Presenter Biography Information

Kristin Thomasgard – Program Director, Readiness and Environmental Protection Integration (REPI) Program Office of the Assistant Secretary of Defense

Since 2013, Kristin Thomasgard has served as Program Director for the Department of Defense Readiness and Environmental Protection Integration (REPI) Program, which links communities, land preservation, and national defense. The REPI program protects the military's mission by preventing, removing, and mitigating restrictions to military activities through partnerships with state and local governments, land conservation organizations and other key stakeholders. To-date, REPI partnerships have conserved over 688,000 acres of land at 110 installations in 33 states. Ms. Thomasgard also serves as the federal chair for the Sentinel Landscapes Partnership, a collaborative effort between the U.S. Departments of Agriculture, Defense, and the Interior.

Shannon Wettstein – District Manager Morrison Soil and Water Conservation

Shannon Wettstein is the district manager for the Morrison Soil and Water Conservation District in Minnesota. She and her team work with the Camp Ripley Sentinel Landscape program to protect 75,000 acres of rural buffer lands to maintain military training capabilities while conserving one of the most ecologically rich environments and important source water areas in the Midwest.

Susan Carr, PhD – O2O Program Manager North Florida Land Trust

Susan is a Program Manager with the North Florida Land Trust, a nonprofit conservation organization dedicated to land conservation. She works to permanently protect a large landscape known as the Ocala to Osceola Wildlife Corridor, which is part the larger Florida Wildlife Corridor. Susan's earlier professional career included positions with the USDA Forest Service and Natural Resources Conservation Service, and several nonprofit conservation organizations. She earned a B.S. in Botany from the University of Florida and a M.S. in Plant Biology from Louisiana State University. Susan eventually returned to her undergrad alma mater to complete her PhD in Wildlife Ecology and Conservation. Her graduate research focused on floristic diversity of fire-maintained pinelands across Florida, and fostered a deep appreciation for Florida's natural landscapes.

John Barrett – Land Program Director Arizona Land and Water Trust

John Barrett is the director of land protection for the Arizona Land and Water Trust. He and his team work with partners in the Fort Huachuca area of southern Arizona to buffer the base from encroachment while also supporting projects that will protect riparian areas, groundwater supplies, and streamflow, conserving up to 56,000 additional acres.

**AWWA Webinar Program: A Cost Recovery Program: PFAS Water Contamination
Thursday, October 22, 2020**

Presenter Biography Information

Hank Naughton – Partner Napoli Shkolnik PLLC

Hank Naughton - Mr. Naughton served 26 years as a member of the MA House of Representatives where water quality, purity and the protection of watersheds was always a high priority. His father worked for the hometown water department for over 40 years. This personal connection to the water industry only strengthens Hank's resolve to advocate for clean water nationwide

Michelle Greene – Associate Napoli Shkolnik PLLC

Michelle Greene - Ms. Greene is an environmental associate who focuses her practice on representing individuals, communities and municipalities experiencing water contamination. She is involved in complex high-profile class action and mass tort cases, and speaks on PFAS contamination issues across the country. Reed Barton is an Associate and environmental engineer with CDM Smith. He has 15 years of experience focused on the planning, design, and construction of water treatment and conveyance infrastructure. Reed obtained a BS in Integrated Science from James Madison University and a MS in Environmental Engineering from Virginia Tech and is a licensed professional engineer in multiple states. Reed's expertise includes addressing emerging contaminants in public drinking water systems, and in recent years he has assisted a number of public water systems with addressing PFAS contamination in their drinking water. This work has included pilot studies to evaluate the performance of GAC, Ion Exchange, Membranes, Ultraviolet Advanced Oxidation, and Foam Fractionation for the removal of PFAS. He served on the leadership team for the planning and design of the 48-mgd expansion of the Northwest Water Treatment Plant in Brunswick County, North Carolina; which includes a new 41-MGD Reverse Osmosis (RO) treatment facility to remove high levels of PFAS compounds. When construction is completed, the Northwest WTP membrane facility will be the largest

membrane application for advanced PFAS removal and the third largest RO membrane facility in the U.S.

Paul Napoli – Of Counsel Napoli Shkolnik PLLC

Paul Napoli - Mr. Napoli has litigated extensively on behalf of municipal clients for contamination to land and water supplies resulting from petroleum and related chemical spills. He led the team who obtained more than \$50 million for environmental contamination of municipal water supplies by leaks of petroleum additive

Walter Hang – CEO Toxics Targeting, Inc.

Walter Hang - Mr. Hang oversees his team of scientists, researchers and analysts who obtain environmental data from local, state, and federal government sources to provide a comprehensive report regarding toxic sites, possible contamination sources and related health hazards.

AWWA Webinar Program: A Closer Look at New and Not so New CEC's: PFAS, Microplastics and Solvents

Wednesday, October 28, 2020

Presenter Biography Information

Theresa Slifko, PhD – Water Quality Manager: Chemistry Unit Metropolitan Water District of Southern California

Theresa Slifko is the Chemistry Unit Manager at Metropolitan's Water Quality Laboratory in La Verne, California. Terri has spent over 26 years investigating a wide range of water quality issues including the development and evaluation of analytical tools for the detection of emerging microbial and chemical contaminants in drinking water, recycled water, and recreational water. Terri and her staff are currently supporting an international effort to develop reliable testing methods to study microplastics in source and treated drinking water. Their work helps support Metropolitan's consortium of 26 cities and water districts that provide drinking water to nearly 19 million people in southern California.

Jeff Biggs – Source Water Administrator Tucson Water

Jeff Biggs has nearly 40 years of experience in the water profession, including being a certified Water Treatment & Water Distribution Operator. Jeff's experience includes water treatment and quality, water resource management, public outreach, intergovernmental affairs, and research. Jeff also has extensive management experience, is a member of numerous Boards and committees and is an AWWA Life Member and a recipient of the Water for People Kenneth J. Miller Founder's Award. Jeff is an avid golfer and was the Chair of the Southern Arizona Golf Classic for fifteen years, which raised over \$410,000 for Water for People. Water for People is an international 501(c)(3) nonprofit humanitarian organization that focus on long-lasting, safe drinking water and improved sanitation for developing countries.

Erik Rosenfeldt, PE, PhD – Director of Drinking Water Process Technologies Hazen and Sawyer

Erik Rosenfeldt is Hazen's Director of Drinking Water Process Technologies, and a member of the Firm's Drinking Water, Reuse, and Applied Research groups. Dr. Rosenfeldt's work focuses on

implementing conventional and advanced treatment solutions for addressing emerging water quality challenges. He has lived in Richmond Virginia for 8 years with his wife and 4 kids and has enjoyed getting to know them all better in 2020.

AWWA Webinar Program: Investigation ATP Analysis for Infrastructure Release for Service

Wednesday, November 4, 2020

Presenter Biography Information

Brad MacIlwain, PE – MASC LuminUltra Technologies

Brad MacIlwain is an application engineer with LuminUltra, where he provides subject matter expertise in the development and implementation of LuminUltra's microbial monitoring technologies. Prior to joining LuminUltra, he worked as a consultant in the municipal water and wastewater industry. He holds a BASc and MASc in civil engineering. Amina Stoddart is an Assistant Professor with the Centre for Water Resources Studies at Dalhousie University. Her group's research focuses on the development and application of tools to understand and optimize biological water treatment.

Amina Stoddart, PhD, PE – Dalhousie University

Amina Stoddart is an Assistant Professor with the Centre for Water Resources Studies at Dalhousie University. Her group's research focuses on the development and application of tools to understand and optimize biological water treatment.

AWWA Webinar Program: PFAS: Learn How to Navigate the Evolving Regulatory and Legal Landscape

Thursday, November 5, 2020

Presenter Biography Information

Richard Head – Of Counsel SL Environmental Law Group PC

Richard Head is Of Counsel at SL Environmental Law Group PC. SL represents states, municipalities and water utilities in environmental litigation cases. Before joining SL, Richard worked for the New Hampshire Department of Justice. As Associate Attorney General, he was the Director of the Division of Legal Counsel and oversaw the management of the Civil and Transportation Bureaus and the Charitable Trust Unit. As a Senior Assistant Attorney General, he served as the Bureau Chief of the Environmental Protection Bureau and the Consumer Protection and Antitrust Bureau. Before working for the New Hampshire Justice Department, Richard worked in private practice with a focus on environmental litigation.

Rob Bilott – Partner Taft Stettinius & Hollister LLP

Rob Bilott is a partner in Taft's Environmental, Litigation, and Product Liability and Personal Injury groups. Rob has secured benefits in excess of \$1 Billion for clients impacted by PFAS contamination. In 2017, Rob received the international Right Livelihood Award, also known as the "Alternative Nobel Prize," for his decades of work on PFAS issues. Rob is the author of the book, "Exposure: Poisoned Water, Corporate Greed, and One Lawyer's Twenty-Year Battle against DuPont," and his story is the inspiration for the motion picture, "Dark Waters", starring Mark Ruffalo as Rob. His story is also featured in the documentary available on Netflix, "The Devil We Know."

AWWA Webinar Program: Industry Roundtable – Resilient Facility Design for the Water Utility Industry

Tuesday, November 17, 2020

Presenter Biography Information

Pavani Silaparasetty – Project Manager AECOM

Pavani has worked on water and wastewater projects for several municipal clients for over 11 years. As PM at AECOM Pavani manages design and construction projects involving multiple disciplines, subconsultants, and stake holders. Pavani has been involved with WEAT and Southeast Section of WEAT for several years and serves as Section President for 2020-2021 WEAT year.

Allan Schurr – Moderator Chief Commercial Officer Enchanted Rock, LLC

Allan brings go-to-market expertise from over 30 years of experience in commercial and industrial energy services and innovative utility solutions. He is a registered Professional Engineer in the State of California, and he is a co-inventor on seven patents related to distributed energy

Nazar Al-Khayat, PhD – Director of Engineering, Microgrid AECOM Technical Services

Dr. Al-Khayat is an engineering director, responsible for the development and execution of microgrid projects. His work includes system engineering, analysis and design of renewable power plants, evaluation and qualifications of technologies. Dr. Al-Khayat has worked in the power generation and renewable sectors for the last 25 years, leading the development and introduction of several products and technologies as well as deployment of solutions. Dr. Al-Khayat is a chartered engineer with a PhD in Power Systems.

Matthew Froehlich, P.E. – Senior Project Manager BGE, Inc.

Matt is a Senior Project Manager at BGE. Over 17 years in the civil engineering consulting industry, he successfully completed many water, wastewater, street and drainage projects around the greater Houston area. Matt has worked with cities, counties, water authorities and utility districts of all sizes. He leads BGE's team and Program Manager for the North Fort Bend Water Authority and Owner's Advisor for the Gulf Coast Water Authority as well as serving as the District Engineer for Harris County MUD 106. Matt is the President of the Southeast Branch of the Texas Chapter of the American Public Works Association.

AWWA Webinar Program: Community Engineering Corps

Wednesday, November 18, 2020

Presenter Biography Information

Steve Barr – Program Engineer AWWA

Steve Barr joined AWWA in September of 2018 with 10 years of experience in environmental engineering and international development consulting. As AWWA's representative to and program manager for CECorps, Steve works with AWWA Sections and members to provide volunteer opportunities for short-term engineering and technical services to underserved communities across the US. Steve holds a bachelor's degree in Environmental Engineering from Cal Poly San Luis Obispo, and a master's degree in Science, Technology, and International Development from the University of Edinburgh.

Natalie Celmo, PE – Engineers Without Borders - USA AWWA

Natalie Celmo, PE, is a Program Engineer at Engineers Without Borders USA. Natalie oversees projects through the Community Engineering Corps program, which provides pro-bono engineering and consulting services to underserved communities throughout the US and its territories. Natalie has 7 years of experience in the construction industry and holds a BS in Civil and Environmental Engineering from the University of Pittsburgh.