



## SPEAKER BIOS

*Choose Track\**

[Morning Sessions](#)

[Drainage Track](#)

[Program MGMT Track](#)

[Technical Track](#)

[MS4 Good Housekeeping](#)

[MS4 Post-Construction](#)

## MORNING SESSIONS

### *Community Resilience Funding Panel*

**KYLE ACEVEDO** works for the Federal Emergency Management Agency (FEMA) as a Grants Management Specialist in the Hazard Mitigation Assistance branch in Chicago, Illinois. He specializes in FEMA's Non-disaster grant programs, the Building Resilient Infrastructure and Communities (BRIC) and the Flood Mitigation Assistance (FMA) grant programs. The BRIC and FMA programs are annual grant cycles that aim to implement natural hazard mitigation efforts across the country. Kyle has been working with FEMA since 2021. He has a Master's in Sustainable Urban Development and Community Development from DePaul University in Chicago, Illinois and attended University of Wisconsin Madison for his undergraduate. Kyle has worked at various levels of government from city to federal level, including the Chicago Metropolitan Agency for Planning, the Cook County Building Department, and the Chaddick Institute for Metropolitan Development. Kyle is a Chicago native and considers himself a connoisseur of all things Chicago sports. This summer, he's looking forward to spending time with his new puppy, Rose, and traveling to Europe with his brother.

## *Are Your Ponds Serving their Water Quality Function?*

**DR. ANDY ERICKSON** is a researcher and engineer at the University of Minnesota's St. Anthony Falls Laboratory. He studies water quality in urban and agricultural watersheds, develops stormwater assessment and maintenance best practices, and designs innovative stormwater treatment technologies. Dr. Erickson is dedicated to outreach through frequent presentations, workshops, and hosting the popular Minnesota Stormwater Seminar Series. He serves on the St. Anthony Falls Lab Executive Committee, the Civil, Environmental, and Geo-Engineering Graduate Faculty, Water Resources Science Graduate Program, Center for Transportation Studies Scholar Program, and the Environment and Energy in Transportation Research Council. Dr. Erickson also serves as Chair of the ASTM International E64 Committee on Stormwater Control Measures and Chair for the University of Minnesota's Water Council. In addition to numerous scientific reports and peer-reviewed publications, Erickson is the editor of the University of Minnesota stormwater newsletter "UPDATES," and author of "Optimizing Stormwater Treatment Practices: A Handbook of Assessment and Maintenance."

## *The History of Indiana Drainage*

**ROBERT BARR** is a research scientist (fluvial geomorphology and hydrology) at the Center for Earth and Environmental Science at Indiana University - Indianapolis. His primary research focus is on understanding the physical processes necessary to achieve, maintain, and preserve healthy stream systems in a changing climate. Current projects include the Indiana Fluvial Erosion Hazard Mitigation Program, the School Branch National Water Quality Initiative, and the Indiana Stream Quantification Tool. Bob has also served as a consulting hydrologist and fluvial geomorphologist for over 16 years.

## **DRAINAGE TRACK**

### *Funding for Aging Clay Tile Regulated Drains*

**SUSAN BODKIN** is a Resource Planner for Christopher B. Burke Engineering, LLC. She graduated from Purdue University with a Bachelor of Science Degree in Agriculture. She was the Hancock County Surveyor for 14 years and retired from Hancock County after 37 years of service. She is a certified Floodplain Manager, Certified Professional in Erosion and Sediment Control, and Certified Erosion, Sediment and Stormwater Inspector. She received the Association of Indiana Counties Arthur Himsel Award for dedication and service to Hancock County and Indiana. She and her husband live on a farm near Wilkinson, Indiana. They have a son, Joe, who is married to Chelsea. They have two grandchildren. They are active members of Willow Branch United Methodist Church. She volunteers at the Kenneth Butler Memorial Soup Kitchen.

### *Leveraging Open Property on Hart Ditch for a 2-stage Project in Dyer*

**THOMAS BURKE** is an Executive Vice President at Christopher B. Burke Engineering, Ltd. He supervises a staff of over 40 in the Water Resources and Environmental Resources Departments. He holds a Bachelor of Science in Civil Engineering from Northwestern University and a Master's of Science in Civil Engineering and Doctor of Philosophy from Purdue University. He is a Registered Professional Engineer in Illinois, Indiana and several other states. He serves as the drainage consultant to several municipalities and counties.

### *Regulated Drain Watershed Assessment in 2024*

**MATT RUMMEL** is responsible for managing and implementing Burke's geographic information systems and mapping applications, while also managing company data and serving as an information specialist for the office. Matt also develops online maps and applications, field collection applications, and interactive online data presentations. As the GIS manager, Matt works on a variety of planning and engineering projects including site design, wetland rehabilitation, dam inspections, flood zone delineations, stormwater utility development, and asset inventories. Matt is active with the Indiana Geographic Information Council, where he served as President in 2016, and currently chairs the GIS Committee with the Indiana Association for Floodplain and Stormwater Management.

### *Transforming Drainage to Include Water Storage in the Agricultural Landscape*

**DR. JANE FRANKENBERGER** is a Professor of Agricultural and Biological Engineering at Purdue University. As a researcher and extension specialist she works to advance conservation drainage design and management while delivering tools and strategies to stakeholders who can use them to inform decision making. She led the Transforming Drainage project that has increased understanding and implementation of conservation drainage strategies across the Midwest and directs the Indiana Watershed Leadership Academy that has provided in-depth training to enable more than 500 people to improve water quality in Indiana watersheds.

## PROGRAM MANAGEMENT TRACK

### *Engineers Without Borders*

**KATE KREIENKAMP** is a structural engineer and a 6-year volunteer with the Indianapolis Chapter of Engineers without Borders. In addition to serving as the Chapter President since 2022, Kate has also taken on the role of Project Lead for the group's ongoing project in Laurel Gompune, Ecuador. Kate holds a bachelor's degree in Structural Engineering from Notre Dame and has spent her career working as a bridge design engineer and project manager. She recently made the move from the consulting sector to the public sector, and now works for the City of Indianapolis as a Senior Project Manager in the DPW's Bridge Engineering group.

## *How to Recruit and Retain Staff*

**JENNIFER SHARKEY** is the Lead Research Engineer for Indiana LTAP and is in charge of the Innovation and Research Program. Previous to this role, Jennifer served 8 years as the County Engineer for Steuben County. She is a dedicated public servant and is passionate about serving the local government agency community. She has a Bachelor's in Civil Engineering from Trine University, a Master's in Civil Engineering from Purdue University, a Master's in Business Administration from Ball State University and a Master's in Public Administration from Purdue Global. She is also a Certified Public Manager and Project Management Professional.

**LIZ WALKER** leads workforce development initiatives at ACEC Indiana, driving strategies and solutions aimed at attracting, supporting, and retaining professionals in the consulting engineering industry. As the Director of Workforce Development, she actively engages with K-12 educators, postsecondary institutions and industry stakeholders to expand student access to civil engineering careers and foster meaningful partnerships. Through her leadership, ACEC Indiana is dedicated to shaping a thriving and dynamic workforce for the civil engineering industry. Prior to joining ACEC Indiana, Liz served for nearly a decade at the State of Indiana in higher education policy.

## *Tips for a Successful ToxAway Day*

**LENN DETWILER.** Originally from Elkhart County, Lenn Detwiler graduated from Purdue University in 1999 with a Bachelor of Science degree from the Krannert School of Management.

He began as the Executive Director of the Hendricks County Recycling District in June of 2005. Since that time, he, with much help from an enthusiastic staff and a dedicated Board of Directors, has led the District in its mission to promote recycling, waste reduction, and proper waste management practices throughout Hendricks County. The District emphasizes environmental education to youth and adults—working to connect Hendricks County residents with ways to reduce, reuse, recycle, and properly manage household hazardous waste.

Lenn serves on the Board of Directors of the Indiana Household Hazardous Waste Task Force and as an advisor to the Association of Indiana Solid Waste Management Districts' Board of Directors. He is a 2012 graduate of Leadership Hendricks County.

Lenn and his wife, Valerie, live in Avon with their five children and two ornery dogs. They are active members of Connection Pointe Christian Church in Brownsburg.

## TECHNICAL TRACK

### *Splish, Splash, Success: Navigating Indiana Wetland and Stream Mitigation*

**JOANNE CUMMING** has been a project manager with IN SWMP for 2 years, and in that timeframe she has forged many conservation partnerships and initiated multiple restoration projects across 4 service areas in northern Indiana. Before working with IN SWMP, JoAnne served in a variety of roles with the DNR

including conducting early coordination/environmental reviews, nongame fish and mussel sampling statewide, propagation and reintroductions of federally endangered mussels, and as an interpretive naturalist at Fort Harrison State Park. She graduated from Ball State University in 2009 with a bachelor's degree in Wildlife Biology. When she's not on the clock, JoAnne enjoys a multitude of hobbies including but not limited to gardening, wood turning, and hiking.

**JON ELLINGSON** is a Level 1 Environmental Resource Specialist at Burke. He received his BS in 2021 from Purdue University majoring in Geology and Geophysics, with a focus on hydrogeology. Jon provides a geologist's viewpoint to Burke's Environmental Services Department, which has aided in understanding the surface processes that shape our landscapes and identifying hydrological indicators within potential wetlands and streams.

**MARIN MILLER** is a Level 1 Environmental Resource Specialist at Christopher B Burke Engineering. She received her BS in 2019 from Purdue University in Natural Resources and Environmental Science, with a concentration in Policy Analysis and minors in Political Science, History, and Biology. Marin received her MPA from IUPUI in Sustainability and Policy Analysis in 2021. Marin has an acute fondness for wetlands and streams as she was heavily involved in amphibian research as an undergrad at Purdue, studying the Chytrid fungus and publishing a peer reviewed paper regarding its increased presence in human-made wetlands. Cope's Gray Treefrogs are her favorite and she would love to tell you why after the presentation.

## *IDEM's Industrial Stormwater General Permit – What You Should Know*

and

## *IDEM Stormwater Current Activities Related to Construction and MS4 General Permits*

**RANDY J. BRAUN** CPESC, CPMSM is Section Chief of Stormwater Programs in the Office of Water Quality (IDEM).

## *Adapting Urban Stormwater Infrastructure for Extreme Rainfall Events*

**DR. ANDY ERICKSON** is a researcher and engineer at the University of Minnesota's St. Anthony Falls Laboratory. He studies water quality in urban and agricultural watersheds, develops stormwater assessment and maintenance best practices, and designs innovative stormwater treatment technologies. Dr. Erickson is dedicated to outreach through frequent presentations, workshops, and hosting the popular Minnesota Stormwater Seminar Series. He serves on the St. Anthony Falls Lab Executive Committee, the Civil, Environmental, and Geo-Engineering Graduate Faculty, Water Resources Science Graduate Program, Center for Transportation Studies Scholar Program, and the Environment and Energy in Transportation Research Council. Dr. Erickson also serves as Chair of the ASTM International E64 Committee on Stormwater Control Measures and Chair for the University of Minnesota's Water Council. In addition to numerous scientific reports and peer-reviewed publications, Erickson is the editor of the

University of Minnesota stormwater newsletter "UPDATES," and author of "Optimizing Stormwater Treatment Practices: A Handbook of Assessment and Maintenance."

## MS4 GOOD HOUSEKEEPING

**EMILY MYERS.** As a Resource Planner at Christopher B. Burke Engineering in Indianapolis, Emily Myers assists MS4 communities with stormwater permit compliance and program implementation. She values the importance of educating citizens about environmental biology and their role in water quality. Emily has both public and private sector stormwater experience as a Stormwater Specialist with the Indiana Department of Environmental Management and as a Division Regulatory Compliance Administrator with D.R. Horton. Emily holds a B.S. from Purdue University in Ecology.

## MS4 POST-CONSTRUCTION

**THOMAS BURKE** is an Executive Vice President at Christopher B. Burke Engineering, Ltd. He supervises a staff of over 40 in the Water Resources and Environmental Resources Departments. He holds a Bachelor of Science in Civil Engineering from Northwestern University and a Master's of Science in Civil Engineering and Doctor of Philosophy from Purdue University. He is a Registered Professional Engineer in Illinois, Indiana and several other states. He serves as the drainage consultant to several municipalities and counties.

**DR. ANDY ERICKSON** is a researcher and engineer at the University of Minnesota's St. Anthony Falls Laboratory. He studies water quality in urban and agricultural watersheds, develops stormwater assessment and maintenance best practices, and designs innovative stormwater treatment technologies. Dr. Erickson is dedicated to outreach through frequent presentations, workshops, and hosting the popular Minnesota Stormwater Seminar Series. He serves on the St. Anthony Falls Lab Executive Committee, the Civil, Environmental, and Geo-Engineering Graduate Faculty, Water Resources Science Graduate Program, Center for Transportation Studies Scholar Program, and the Environment and Energy in Transportation Research Council. Dr. Erickson also serves as Chair of the ASTM International E64 Committee on Stormwater Control Measures and Chair for the University of Minnesota's Water Council. In addition to numerous scientific reports and peer-reviewed publications, Erickson is the editor of the University of Minnesota stormwater newsletter "UPDATES," and author of "Optimizing Stormwater Treatment Practices: A Handbook of Assessment and Maintenance."

**DREW GAMBLE.** As a Resource Planner at Christopher B. Burke Engineering in Indianapolis, Drew Gamble assists MS4 communities and businesses with stormwater compliance, inspections, and program implementation. Before working at Burke, Drew gained a diverse understanding of stormwater while working as a Stormwater Specialist at the Indiana Department of Environmental Management and on various conservation projects in the Horn of Africa. Drew holds a B.A. in Business Administration from

Hanover College and an M.S. in Earth Science from IUPUI. He is a Certified Professional in Erosion and Sediment Control and a Certified Erosion, Sediment and Stormwater Inspector.