

Tentative Program

Tuesday, March 10, 2015

11:00am	Trade Show Set Up
12:00pm	Registration / Trade Show / Refreshments / Lunch on Own
1:00pm-1:50pm	Introduction and Welcome Opening Session Overview of GIS Products for Storm Water and Drainage Applications (including LiDAR)* Daniel Ngoroi, CMS-RS, GISP, Geospatial Team Leader, Woolpert <i>GIS is a powerful analytical tool that can be used in management of storm water utilities. The quantitative information derived from multispectral aerial imagery and lidar provides a scientific basis for assessing the impact of landscape characteristics on runoff and water quality. This session will help participants familiarize themselves with the various GIS-related products for storm water utilities.</i>
1:50pm-2:15pm	Trade Show Refreshment Break
2:15pm-3:05pm	Section 401 / Section 404 Permit Compliance * Debra White, CHMM, Environmental Project Manager, Michael Baker Jr., Inc. Vince Messerly, PE, President, Ohio Wetlands Foundation <i>This session will give a brief introduction to the OEPA Section 401 and USACE Section 404 permitting processes. Topics discussed will include differences between Nationwide and Individual permits as well as the issues associated with each. Additional topics will include isolated wetland permits, stream impacts, and compensatory mitigation. Case studies will present typical projects and mitigation strategies.</i>
3:05pm-3:30pm	Trade Show Refreshment Break
3:30pm-4:20pm	A StreamStats Tutorial* Greg Koltun, Hydrologist, USGS <i>StreamStats is a web-based application developed by the U.S. Geological Survey to facilitate estimation of streamflow statistics at user-selected locations. A tutorial on StreamStats functionality and usage will be presented along with a brief discussion of anticipated future changes and enhancements.</i>
4:20pm	Trade Show Reception Visit our exhibitors and network with your counterparts. Refreshments will be served.

* Technical sessions have been recommended for CPD credit for a maximum of 7.0 CPD hours. Please note that the final determination of what qualifies for CPD credit ultimately lies between the license holder and the State Board of Registration for Professional Engineers & Surveyors.

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Wednesday, March 11, 2015

7:00am	Continental Breakfast
8:00am-8:50am	Best Management Practices of Storm Water Retention Ponds Specifically Related to the Maintenance and Retrofitting in Subdivisions* Milt Link, Ditch Maintenance/Urban Program Supervisor, Delaware County SWCD <i>This presentation will discuss the maintenance of over 450 basins in Delaware County under 6157 and what work is done on these basins. It will also cover how 6131 and 6133 were used to complete drainage in Delaware County with different landowner partners (City of Columbus and ODOT District 6).</i>
9:00am-9:50am	Reducing Permitting Time and Increasing Success with The Nature Conservancy's (TNC) In-Lieu Fee Stream and Wetland Mitigation Program* Devin Schenk, Mitigation Program Manager, The Nature Conservancy <i>TNC's state-wide ILF program allows public and private developers to buy mitigation credits and realize economic advantages over implementing their own stream and wetland mitigation projects, including reduced permitting time and costs, and the transfer of all mitigation obligations to TNC.</i>
10:00am-10:50am	Drainage Law in Ohio* Frank J. Reed, Partner, Environmental Practice Group, Frost Brown Todd LLC <i>What County Engineers need to know about Ohio EPA's proposed rules as it affects road construction in Ohio.</i>
11:00am-11:50am	Update on the Rainwater and Development Manual* John Mathews, Storm Water Manager, ODNR <i>This is a short overview of the Ohio Department of Natural Resources' Rainwater and Land Development manual (RLD) and its most recent updates. Though the cover of the manual says it was issued in 2006. It is updated continuously to provide corrections, add new practices, and resources. (The most recent version is always available on the ODNR's website.) This presentation will also cover some basics of post-construction stormwater practice compliance using information from Ohio EPA's Construction General Permit, RLD and the Ohio Department of Transportation references.</i>
11:50am	Closing Remarks Neil Tunison, PE, PS, Warren County Engineer, Committee Co-Chair Jim Gills, PE, PS, Lake County Engineer, Committee Co-Chair

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Speaker Bios

Greg Koltun is a hydrologist with the U.S. Geological Survey (USGS), Ohio Water Science Center, where he is the discipline specialist for surface-water hydrology, hydraulics, and sediment transport. Since joining the USGS in 1980, Greg has been the principal investigator on a wide variety of studies dealing with topics in hydrology; hydraulics, computer applications and modeling, and water quality. Greg obtained a B.S. in Microbiology and a M.S. in Civil Engineering from the Ohio State University.

Milt Link began working for Delaware County in 1998, previously having been with Seneca and Sandusky Counties. When he began at Delaware County in 1998 there were only 30 projects on D.M., at the present time there are 450 projects, all of which were built under 6131 or 6133 and are under 6137.

John Mathews is the stormwater manager with the Ohio Department of Natural Resources, Division of Soil and Water Resources. He maintains and updates the state's specifications for erosion control, stormwater management and stream protection used during development. He provides training and develops resources in the areas of stream dynamics, stormwater management, and erosion & sediment control. He has worked on water resource and conservation issues for over 25 years in both urban and rural areas while working for the Ohio Department of Natural Resources, the Franklin County Soil and Water Conservation District and the USDA Natural Resource Conservation Service. John is also a founding board member of the Ohio Stormwater Association (OSWA).

Vince Messerly is a 1991 graduate of Ohio University (BSCE) and a registered professional engineer in the state of Ohio. Early in his career Vince worked for the USDA Natural Resource Conservation Service for more than 8 years and for the civil engineering consulting firm of Jobes Henderson and Associates for 3 years. In 1998, Vince began working for the Ohio Wetlands Foundation and has served as its president since 2002. During his more than 17 years of working for the Foundation, he has overseen the successful completion of eleven wetland mitigation banks and orchestrated the Foundation's efforts to become the first approved in lieu fee program sponsor in Ohio in May 2014. Throughout his career, Vince has overseen the restoration, enhancement and protection of more than 2,000 acres of wetlands and nearly 100,000 feet of streams. Most recently he has been guiding the Foundation's efforts to establish an endangered species habitat mitigation bank for Northern Long Eared and Indiana bats.

Daniel Ngoroi, CMS-RS, GISP is a Geospatial Team Leader at Woolpert with almost 13 years experience. Mr. Ngoroi has worked on numerous storm water related projects most recently mapping impervious surfaces in Erie Pennsylvania, Springfield Ohio and the City of Indianapolis.

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Speaker Bios (con't.)

Frank J. Reed, Jr., is a partner with the environmental and government services practice group of Frost Brown Todd, LLC. Mr. Reed advises clients on issues of environmental compliance; defends companies against environmental enforcement activities initiated by Ohio or U.S. EPA.

Mr. Reed obtained a Bachelor of Arts degree *with Honors* from The Ohio State University, and a *Juris Doctorate* from Capital University Law School where he served on Law Review. He is admitted before Ohio Supreme Court, the United States District Court, N.D. and S.D. of Ohio, the United States Court, 6th Circuit Court of Appeals, the U.S. Circuit Court of Appeals for Washington, D.C., and the United States Supreme Court. He was named by Business First as one of Columbus' "Forty Under 40" and has been named a "Rising Star" in Ohio Super Lawyers and Cincinnati magazines.

Devin Schenk is the Mitigation Program Manager for The Nature Conservancy. He received his B.S. from the University of Cincinnati, M.S. from Miami University of Ohio, and J.D. from Northern Kentucky University's Salmon P. Chase College of Law.

Debra White is 1994 graduate of Kent State University with a bachelor's degree in Conservation. She joined Michael Baker International in 2002 as an Environmental Specialist focusing on hazardous materials assessments as well as ecological surveys. Debra is an Environmental Project Manager for the Cleveland Office of Michael Baker, a position she has held for the past 9 years. She has performed wetland delineations, ecological surveys, and permitting for major corridor studies, airport projects, and rail projects in Indiana, Ohio, and Pennsylvania. She has delineated over 200 wetlands and has assessed over 200,000 linear feet of streams in the past 5 years at Baker.

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