



Indiana LTAP's

STORMWATER DRAINAGE CONFERENCE

July 7 & 8, 2026 @ Purdue



THANK YOU

Come visit our exhibitors during Day 1 (Tuesday) of the conference.



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CONCRETE PIPE
ASSOCIATION

EXHIBITORS



***Special
Thanks to***



SWD in a Nutshell

DAY 1

Sessions & Lunch

Day 1 sessions and lunch are located in the Purdue Memorial Union ballrooms.

We will be joined by the exhibitors in the ballrooms on Day 1. Please take the opportunity to meet with them during breaks.

CEUs/PDHs

Credits are available Day 1 of the conference. Participants can receive 7 PDH/ 7 RS/ 0.7 CEU. See the next page for submission information.

SPEAKER BIOS

Speaker bios are available on our conference website. Scan the QR code or visit the link below to read about our fantastic speakers!



inltap.info/SWD

DAY 2

Tech Tours Check-In

All attendees will meet in the Creighton Hall of Animal Sciences (CRTN) Room 1011.

Parking: Harrison Street Parking Garage (PGH)

Coffee, beverages, and breakfast will be provided prior to the tours.



SPEAKER PRESENTATIONS

Speakers may choose to share their presentation slides after the conference. Please find our archived presentations available at <https://docs.lib.purdue.edu/stormwater/>

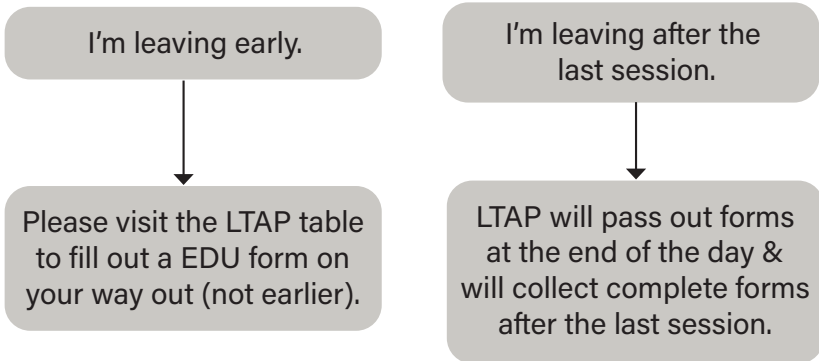
Your Road Map To Conference Credits

You will receive a CEU form at the end of the day. When it comes to receiving your educational credits (CEUs/PDHs/Road Scholar points), please remember the 3 Es:

Exit Equals Earnings

Simply put: when you turn in the form, the credit clock stops. Even if you plan on staying the whole day, you will only receive partial credit turning the form in early. **We want to ensure you receive all your credits!**

When are you leaving?



Credit certificates will be available for download three weeks after the conference. Please follow the instructions below to receive your certificate. If you have any issues, please email intlap@purdue.edu.

1. Sign into to our Learning Management System. *If you have never logged in before select the "Forgot your password?" link. Enter your work email address and select "Send Reset Link." Follow the email instructions to create a new password and gain access to the database.*
2. Select "My Credits" from the left side. For each event you will see a small medal icon on the right under actions.
3. Select that icon and your certificates should download as a PDF suitable to save and/or print.

Please email intlap@purdue.edu if you have any problems.



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8:30 AM

Welcome & Opening Remarks

Christopher Burke, Christopher B. Burke Engineering, LLC

8:45 AM

80 Percent of U.S. Rivers Lack Adequate Protection

Elizabeth Riggs, American Rivers, Great Lakes Regional Director

American Rivers and Conservation Science Partners recently published a national assessment of river protection across the U.S. in the journal *Nature Sustainability*. The National Protected Rivers Assessment (NPRA) provides a framework for evaluating the degree to which source waters are protected by overlapping mechanisms — such as Outstanding Natural Resource Waters designations, private land easements, instream flow standards, and riparian buffer ordinances.

This session will include a live demonstration of the open-access Protected Rivers Explorer, an interactive tool that lets participants explore the data and apply it to their home watersheds. Following the demo, there will be a Q&A and open discussion. American Rivers welcomes attendee feedback on how this work could be better tailored to meet your specific needs and interests. *To request a copy of the research articles to read beforehand, please email jzablocki@americanrivers.org.*

Moderator: Christopher B. Burke, Christopher B. Burke Engineering, LLC

9:45 AM

Networking Break with Exhibitors



50

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DAY 1 // MORNING SESSIONS



10:00 AM

Tools for Improving Stormwater Public Education

Sarah Wolf, Hendricks County Partnership for Water Quality, Education Coordinator

Courtney Pruitt, Muncie Sanitary District, Stormwater Compliance Inspector

Ginger Davis, One Water Indiana, Project Director

Monica Christopher, Tippecanoe County Partnership for Water Quality, Water Quality Educator

This panel will provide tools for building a successful stormwater public education program and how to analyze efforts to improve and adapt over time. Panelists bring combined decades of knowledge and various backgrounds in education. Information provided and program tools discussed will be general enough to apply to a variety of stormwater education efforts and stakeholders, including MS4 programs, drainage programs, school outreach, and more.

Moderator: Emily Myers, Christopher B. Burke Engineering, LLC

10:50 AM

Networking Break with Exhibitors

11:10 AM

Climate and Water Trends in Indiana

Bob Barr, Research Scientist, Indiana University - Indianapolis

Beth Hall, Director, Indiana State Climate Office

Managing water resources in Indiana's changing climate continues to be a challenge. In this presentation, we will look at precipitation records and stream discharge trends to better understand how Indiana's water resources are changing and what these changes could mean in the future. Case studies will be used to illustrate observed changes.

Moderator: Rich Domonkos, Indiana LTAP

12:00 PM

Lunch



///ADS



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1:00 PM

The New Era of Large-Scale Land Development: Stormwater Management for Solar Farms and Data Centers

Greg Lake, Howard County Surveyor

Brad Ward, White County Surveyor

Scott Calvert, City of Lebanon, DPW Deputy Director

Luke Sherry, Christopher B. Burke Engineering, Senior Water Resources Engineer

This panel will cover what you need to know when a large-scale land development is proposed in your area. Panelists will share experience with solar farms, data centers, and large warehouse developments, with a focus on drainage, erosion and sediment control, and the development review process. The discussion will include lessons learned—what went well, what challenges arose, and what panelists would do differently in future projects.

Moderator: Jon Stolz, Christopher B. Burke Engineering, LLC

1:50 PM

Networking Break with Exhibitors

2:00 PM

Busseron Creek Fish and Wildlife Area

Michael Spalding, Conservation Law Center

The Southern Indiana Sentinel Landscape (SISL) partnership, led by the Conservation Law Center (CLC), works to preserve and protect military missions, support sustainable farming and forestry, restore and sustain ecosystems, ensure thriving human communities, and buffer against extreme weather events. In November 2022, SISL identified a real estate listing for a 191-acre property for sale in the heart of a 3,950-acre contiguous land holding near Lake Glendora Test Facility in Sullivan County, Indiana. If this piece had sold, the entire property would have been fractured, likely permanently. SISL swiftly engaged partners to assist and led the effort to permanently protect this property, now known as Busseron Creek Fish and Wildlife Area. In addition to providing public recreation and military installation protection, the land will support resilient ecosystem functions for clean air, clean water, wildlife habitat, and buffering of flooding through the massive contiguous wetlands present on the property.

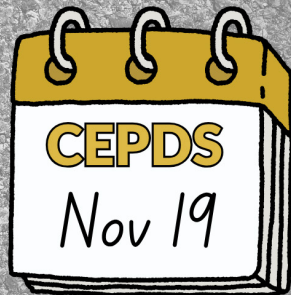
Moderator: Lori Gates, Christopher B. Burke Engineering, LLC

INDIANA CHAPTER
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INDIANA LTAP

2026 Conference Calendar



Learn more at inltap.info/main

DAY 1 // AFTERNOON SESSIONS



2:50 PM

Networking Break with Exhibitors

3:00 PM

We Otter Protect Our Water: 2025, A Year in Review

Sandra Bowman, Manager, INDOT Ecology, Waterway Permitting, and Stormwater Office

Greg Couch, Stormwater Team Lead, INDOT Ecology, Waterway Permitting, and Stormwater Office

Reed Hathaway, Senior Construction Stormwater Coordinator, INDOT Ecology, Waterway Permitting, and Stormwater Office

Join Greg Couch, Sandra Bowman and Reed Hathaway as they highlight 2025 stormwater program accomplishments at the Indiana Department of Transportation! This session will be moderated by Angela Force (HNTB) and attendees will learn what's new and on the horizon for the Department. This session was included to ignite discussion regarding upcoming regulatory change and how INDOT is preparing for new permit requirements.

Moderator: Angela Force, HNTB

3:50 PM

Networking Break with Exhibitors

4:00 PM

Communication in Emergency Conditions

Kayla Arnold, City of Westfield, Director of Communications

How are you reaching your community in an emergency situation? Director of Communications Kayla Arnold shares best practices for proactive communication before, during and after a crisis. This presentation includes managing comms through traditional media outlets, social media and public forums like Reddit while staying in control of your message.

Moderator: Susan Bodkin, Christopher B. Burke Engineering, LLC



DAY 2 // TECH TOUR



CRTN
1011

8 AM - NOON

Join us for a special tour of the National Soil Erosion Research Laboratory (NSERL) at Purdue University in West Lafayette, IN. The morning will begin with breakfast at 8:00 AM, followed by a panel discussion highlighting NSERL's research, facilities, and ongoing efforts to advance soil erosion science and conservation practices. Attendees will then break into guided tour groups to visit several parts of the laboratory and interact with NSERL scientists and research staff. Tours of the NSERL space are limited to 20 participants per group and US Citizenship is required for entry to NSERL tour per federal guidelines. The event will conclude by noon.

SCHEDULE

- **8:00 AM to 9:15 AM** – Registration & Attendee Check In (CRTN 1011)
- **8:00 AM to 9:00 AM** – Breakfast
- **8:45 AM to 9:00 AM** – Welcome Remarks (Presented by Rich Domonkos, INLTAP)
- **9:00 AM to 9:50 AM** – Panel Discussion
- **10:00 AM to 11:30 AM** – Technical Tours of NSERL

MORNING PANEL SPEAKERS

- Chris Renschler – Research Leader, USDA ARS NSERL
- Mark Williams – Lead Scientist Drainage, USDA ARS NSERL
- Chad Penn – Lead Scientist P-Trap, USDA ARS NSERL
- Haw Yen – Lead Scientist WEPP, USDA ARS NSERL
- Randy Braun – Section Chief, Storm Water at State of Indiana IDEM

Moderator: Greg Lake – County Surveyor & Stormwater Administrator, Howard County



Tour Stops

Mark Williams & Haw Yen (NSERL Conference Room)

Ongoing field scale validation efforts will be highlighted that demonstrate how these modeling tools perform under real world conditions. Soil erosion modeling techniques currently being developed at NSERL will be introduced, along with recent progress on creating a more user-friendly interface for researchers and practitioners.

Chad Penn (Laboratory)

Flow-cell laboratory for characterizing filtration of nutrients and contaminants by various filter media, and release from soils. Regarding filtration, a demonstration mobile phosphorus removal structure will also be shown, weather permitting.

Chris Renschler & Austin White (Hydraulics Lab)

The Big Box is a controlled rainfall experiment for soil erosion, redistribution, and sediment discharge caused by various rainstorm scenarios and surface roughness conditions. A small-scale box experiment will be shown, weather permitting.

INDIANA LTAP'S

MS4

P R O G R A M

The initials "MS4" (pronounced M-S-4) is short for municipal separate storm sewer system. It is used to refer to an entity regulated by an MS4 Clean Water Act permit or the separate storm sewer conveyance system. There are six components of the MS4 Program called "Minimum Control Measures" or "MCMs."

Learning Management System (LMS) Modules

The LMS contains 5 training modules for MCM 6, eleven training modules for MCM 5, and twelve training modules for MCM4. Check back often for additional MCM training modules in the future.

Indiana LTAP Model Stormwater Management Ordinance & Technical Standards

The ordinance and technical standards meet the minimum IDEM requirements for general permitting and also contain recommended requirements for stormwater management.

LMS Fact Sheets

The fact sheets clarify the purpose, learning objectives, and content of the LMS modules.



tinyurl.com/LTAPMS4

The primary components of the MS4 program are permit requirements called "Minimum Control Measures" or MCMs and are the following:

MCM 1

PUBLIC EDUCATION & OUTREACH

includes educating the general public and selected stakeholders

MCM 2

PUBLIC PARTICIPATION/INVOLVEMENT

includes complying with official public notice requirements and engaging the general public

MCM 3- COMING JULY 2026

ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE)

intended to minimize non-stormwater discharges by finding and fixing issues with the separate stormwater conveyance system

MCM 4 - AVAILABLE NOW

CONSTRUCTION SITE RUNOFF CONTROL



includes a local ordinance requirement with at least all the requirements of the IDEM construction stormwater general permit

MCM 5 - AVAILABLE NOW

POST-CONSTRUCTION RUNOFF CONTROL



includes controls identified in the IDEM CSGP, along with low-impact development and green infrastructure programs

MCM 6 - AVAILABLE NOW

POLLUTION PREVENTION/ GOOD HOUSEKEEPING



includes requirements for maintenance of the separate storm system conveyance and for all municipally owned operations and facilities



INDIANA LTAP

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