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REGISTRATION

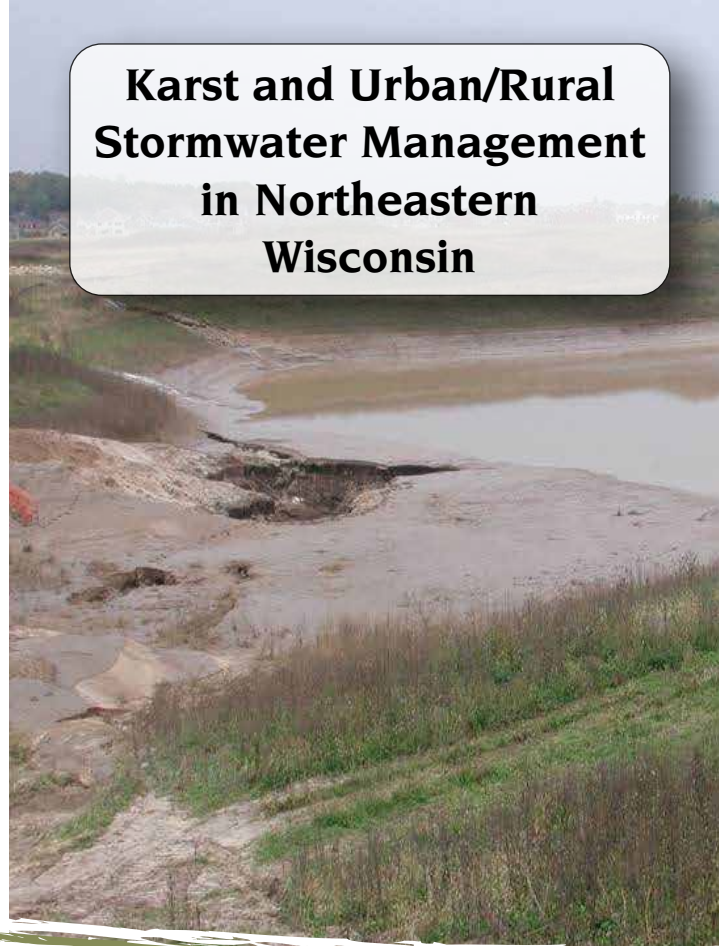
**Pre-registration is required!**

**There is \$25.00 cost to participants.** How to pre-register:

- Go to the ECWRPC website [www.ecwrpc.org](http://www.ecwrpc.org) and click on the pre-registration link [OR](#)
- Email Erin at [ebonin@ecwrpc.org](mailto:ebonin@ecwrpc.org) with name, address, phone #, and e-mail address [OR](#)
- Call Erin at (920)-751-4770

**Registration and payment MUST be received no later than October 6th, 2014.**

**Karst and Urban/Rural Stormwater Management in Northeastern Wisconsin**



East Central Wisconsin Regional Planning Commission  
 400 Ahnaip Street, Suite 100  
 Menasha, WI 54952-3311



The East Central Wisconsin Regional Planning Commission, in partnership with the Bay-Lake RPC, UW-Extension, and the Niagara Escarpment Resource Network are sponsoring a full day workshop topic of managing urban and rural stormwater runoff in karst environments.

**Thursday, October 9th, 2014  
 9:30 a.m. - 3:00 p.m.  
 Liberty Hall  
 Kimberly, WI**

*Four (4) Professional Engineer PDH hour certificates will be available for attending this event.*

This workshop will provide elected officials, planning and public works staff, consultants, and stormwater engineers, with background information on karst features, as well as the state of current stormwater 'best practices' that should be considered in both urban and rural environments.

A conference fee of \$25.00 per person (includes coffee/rolls and buffet lunch) will be required in advance.

See registration information on back.

## AGENDA

		11:10 a.m.	<b>TOWN OF GREENVILLE CASE STUDY</b>  Chris Pagels PE, Stormwater Utility Superintendent, Town of Greenville Tim Roach, Outagamie County Zoning Department
9:00 a.m.	<b>REGISTRATION</b>	11:40 a.m.	<b>A LOCAL APPROACH TO KARST AND STORMWATER IN URBAN AREAS</b>  Greg Coulthurst, Door County SWCD
9:30 a.m.	<b>WELCOME &amp; INTRODUCTIONS</b>  Eric Fowle AICP, Exec. Director, ECWRPC Angela Pierce, Natural Resource Planner, BLRPC Kevin Erb, CPD Training Coordinator, UW Extension	NOON	<b>LUNCH</b>
9:35 a.m.	<b>UNDERSTANDING KARST AND KARST ISSUES IN NORTHEAST/EASTERN WISCONSIN</b>  Maureen Muldoon, Assoc. Professor Hydrology & Env. Geology, UW-Oshkosh	12:45 p.m.	<b>MAPPING TOOLS FOR LOCATING KARST FEATURES: GEOPHYSICAL AND LIDAR</b>  Dave Hart, Hydrogeologist, WGNHS Steven Mael, GIS Specialist, WGNHS
10:15 a.m.	<b>KARST AND STORMWATER: UNDERSTANDING THE REGULATIONS</b>  Mary Ellen Vollbrecht, Drinking Water & Groundwater Program Manager, Wisconsin DNR Brian Austin PE, Underground Injection Control Coordinator, Wisconsin DNR TBD - Wisconsin DNR Runoff Management Section	1:45 p.m.	<b>BREAK</b>
		1:55 p.m.	<b>HOW ARE OTHER MUNICIPALITIES HANDLING THE ISSUE?</b>  TBD - Tentative speaker from Minnesota through live internet connection.
		2:25 p.m.	<b>PANEL DISCUSSION - NEXT STEPS IN MOVING FORWARD</b>  Eric Fowle, ECWRPC Angela Pierce, BLRPC
11:00 a.m.	<b>BREAK</b>	3:00 p.m.	<b>ADJOURN</b>

### What is Karst?

"Karst" is a landscape created when water dissolves rocks such as dolomite and some limestones. The rocks are dissolved along fractures and create sinkholes, caves and other conduits. Water moves readily through these openings, carrying sediment, nutrients, pathogens and other pollutants directly into our groundwater. These environments are very prevalent within Northeast Wisconsin and many of population centers lie within these zones. In several known cases, these karst sinkholes and local groundwater resources are impacted (or will potentially be impacted) as urban development and stormwater infrastructure are constructed.

