# 2016 Minnesota Erosion Control Association (MECA)
# Annual Erosion Control & Stormwater Management Conference & Trade Show

DoubleTree Park Place, Minneapolis MN
January 26th—28th, 2016

## Four Speakers from Around the United States

Minnesota

### Michelle Beeman, Deputy Commissioner MPCA
### Keynote Speaker ~ Wednesday January 27

Michelle Beeman was appointed Deputy Commissioner of the MPCA in May 2012. Prior to that, Michelle served as Assistant Commissioner for Legal and Enforcement Policy since March 2011, bringing a strategic focus to the agency's legal and regulatory affairs.
Before joining the MPCA, Michelle was the Environment and Natural Resources Director for Dakota County since 2007.

Maryland

### Seth Brown, *Founder of Storm and Stream Solutions*
### Speaking Wednesday January 27

Seth is the Founder and Principal of Storm and Stream Solutions, LLC (S3), which was created to provide various professional services in the water sector. Service areas range from technical review, design and analysis of water resources, stormwater management and stream restoration efforts to research in public-private partnership (P3) investments in stormwater and green infrastructure frameworks.

Illinois

### Chad Pregracke, Founder/President of Living Lands & Waters
### Capstone Speaker ~ Thursday January 28

Chad Pregracke is the internationally named 2013 CNN Hero of the Year, founder and president of Living Lands & Waters, a nonprofit river cleanup organization, author and public speaker. He is proof that one person can make a difference. Best known for starting out as a young man in East Moline, Illinois wanting a clearer waterway, Chad became the champion for the Mississippi River.

North Carolina

### William Hunt, *William Neal Reynolds University Professor & Extension Specialist*
### Speaking Thursday January 28

Dr. Hunt is a University Professor and Extension Specialist in NC State University's Dept of Biological and Agricultural Engineering Department. Dr. Hunt has assisted with the design, installation, and/or monitoring of over 90 stormwater best management practices (BMPs), including bioretention, stormwater wetlands, innovative wet ponds, green roofs, permeable pavement, water harvesting/cistern systems and level spreaders. He teaches 20-25 short courses and workshops each year on stormwater BMP design and function throughout NC and the US.

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## Pre-Conference Schedule ~ Tuesday January 26, 2016
## Additional Educational Opportunities Prior to the Conference!

| | |
|---|---|
| 7:30 AM ~ 2:00 PM | Construction Installer Certification/Recertification offered by the University of Minnesota |
| 8:00 AM ~ 5:00 PM | MN Seeders Association Annual Meeting ((Includes trade show access for the entire day.) |
| 9:00 AM ~ 3:30 PM | MS4 Workshop offered by MECA |
| 10:00 AM ~ 4:30 PM | Industrial Stormwater offered by the University of Minnesota |

**ALL Pre-Conference Workshops include trade show access for the pre-conference day, and are invited to a reception hosted by the Minnesota Seeders Association (5:00 PM—6:30PM)**

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**#1 ~ Construction Installer Certification/Recertification (EI1001)** 7:30 AM—2:00 PM (5.5 PDHs)
*University of Minnesota Erosion and Stormwater Management Program*
Registration Fee: $ 150 MECA Member/$185 Non-Member

This one-day course is designed for those who install erosion and sediment control devices and establish vegetation on construction sites. The emphasis is on permit regulations pertaining to laborer activities and proper installation and quality control of various erosion and sediment control devices and turf establishment items. Other topics include an overview of pertinent inspection procedures. This class is also appropriate for those inspecting construction sites for assurance of

**#2 ~ Seeders Association Annual Meeting** 8:00 AM—5:00 PM
*Offered by the MN Seeders Association*
Registration Fee: $ 80 Seeders Association Member/$100 Non-Member

The meeting fee includes lunch and trade show access for the preconference day. The Minnesota Seeders Annual Meeting is open to members and non-members. We will focus on new specifications for blankets, salt tolerant sod, and prompt payment concerns. This meeting is very informal and is focused on being of assistance to those in the turf establishment and erosion control industry. MNDOT Environmental Services is present to hear the concerns of contractors and to also share what their concerns are. For questions call Vicky at MN Seeders at 320-760-9112.

**#3 ~ MS4 Program Workshop—Inspections** 9:00 AM—3:30 PM (5.5 PDHs)
*Offered by MECA*
Registration Fee: $ 60 MECA Member/$ 85 Non-Member

MECA has partnered with the MPCA to bring you this MS4 training opportunity. The training will focus on the inspection aspects of meeting your MS4 permit requirements. Highlights include prioritizing construction sites, pre-inspection activities, completing inspections, post-construction activities, non-compliance, MS4 system inspections, and incorporating IDDE inspections into everyday activities.

**#4 ~ IS3201 Industrial Stormwater Sampling and Monitoring** 10:00 AM ~ 3:00 PM (4 PDHs
*University of Minnesota Erosion and Stormwater Management Program*
Registration Fee: $ 125 MECA Member/$ 150 Non-Member
This event will focus on the permit sampling and monitoring requirements of the industrial stormwater permit, including how to take samples and report the lab results. This event is for anyone interested in learning about industrial stormwater requirements, especially industry staff responsible for facility sampling and monitoring of stormwater runoff. Topics include:

~Industrial Stormwater sampling overview
~Differences between monitoring and sampling
~Benchmark exceedances
~How to sample stormwater runoff
~Locating optimal stormwater monitoring locations
~Permit requirements for monitoring, sampling, and reporting
~Stormwater reporting requirements
~Working with testing laboratories

The course fee includes lunch and trade show access for the day.

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## Conference Schedule ~ Wednesday January 27, 2016

| | | |
|---|---|---|
| Morning: | 7:30 | **Registration** ~ Continental Breakfast with Exhibitors |
| | 8:30 | **Welcome** ~ John Chapman, MECA President |
| | 8:45 | **Keynote Speaker** ~ Michelle Beeman, Deputy Commissioner MPCA |
| | 9:45 | **Volume Control** ~ Seth Brown, Storm & Stream |
| | 10:45 | **Break time!** Visit with Exhibitors |
| | 11:15 | **Stormwater Management Case Study Shoreview MN** ~ Mark Maloney, DirPublic Works Shoreview MN |
| Afternoon: | 12:00 | **New Products/Product Forum** |
| | 12:30 | **Lunch** ~ Dessert & Coffee in Trade Show |
| | 1:30 | Concurrent Sessions<br>#1 **Toe Wood Sod Mat Installation: Project Examples** ~ Luther Aadland, State of Minnesota<br>#2 **Water Work Edge, Functional or "Eye Candy" BMPS** ~ Dwayne Stenlund, Mn Dot |
| | 2:15 | Concurrent Sessions<br>#1 **Artificial Drainage Effects on Storm/Ditch Channels** ~ Greg Wilson, Barr Engineering<br>#2 **PTAM App** ~ Mark Deutschman, Houston Eng & Chuck Fitz, Dir Intr'l Water Institute |
| | 3:00 | **Break!** Visit with exhibitors. |
| | 3:30 | Concurrent Sessions<br>#1 **Required MS4 Stormwater Practice Inspection and Maintenance**~Eric Macbeth, City of Eagan<br>#2 **MnDot Plant Selector & New Seed Mix Tool for Native Veg, Pollinators, etc.** Ken Graves, MnDot |
| | 4:00 | Concurrent Sessions<br>#1 **Slope Stabilization—Before & After** ~ Dan Larsen, Brock White<br>#2 **Working Effectively with Private Property Owners** ~ Noah Czech, City of St. Cloud |
| | 4:45 | **MECA Annual Meeting** |
| | 5:00 | **Social** ~ Network & Visit with Exhibitors. Enjoy Hors d'oeuvres & beverages! |

## Conference Schedule ~ Thursday January 28, 2016

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|---|---|---|
| Morning | 7:30 | **Registration** ~ Continental Breakfast with Exhibitors |
| | 8:30 | **MECA Year In Review** ~ MECA Board of Directors |
| | 8:45 | "**Letting Soil be your friend when you are a SCM"** ~ William Hunt, NCSU |
| | 9:45 | **Assessing and Managing Soil Health** ~ Sharon Weyers, USDA |
| | 10:30 | **Break!** Visit with Exhibitors |
| | 10:45 | **2016 MECA Awards & Scholarship Award** |
| | 11:15 | **Buffer Regulations** ~ BWSR |
| Afternoon: | Noon | **Lunch** ~ Dessert & Coffee in Trade Show |
| | 12:55 | **MECA Board Election Results** |
| | 1:00 | **New Products/Product Forum** |
| | 1:15 | **Saints Stadium** ~ Westley Saunders-Pearce, City of St. Paul |
| | 2:15 | **Capstone Speaker** ~ Chad Pregracke |
| | 3:15 | **Door Prizes and Closing Remarks** |