Pre-Conference
2019 Minnesota Erosion Control Association (MECA) Conference & Trade Show
Willmar Conference Center, 2800 East Highway 12, Willmar, Minnesota 56210

Tuesday, January 29, 2019 ~ Educational Opportunities Prior to the Conference!

9:30 AM ~ 4:00 PM	#1 Construction Installer Certification/Recertification (Offered by U of MN)
9:30 AM ~ 4:00 PM	#2 Watershed Analysis for Sediment Reduction (Offered by MECA)
9:30 AM ~ 4:00 PM	#3 Improving MS4 Compliance Workshop (Offered by MECA)
10:00 AM ~ Noon	#4 Intro MIDS Calculator Use (Offered by MECA)
1:00 PM ~ 3:00 PM	#5 Intermediate MIDS Calculator Use (Offered by MECA)
1:00 PM ~ 4:00 PM	#6 Bioengineering and Biotechnical Soil Stabilization (Offered by MECA)

ALL Pre-Conference Workshops include: Trade show access for the Pre-conference Day
Reception sponsored by the Seeders Association from 4:00 PM—6:30PM

#1 ~ Construction Installer Certification/Recertification (EI1001) (5.5 PDHs)
Offered by the University of Minnesota Erosion and Stormwater Management Program
Registration Fee: $ 150 MECA Member/$185 Non-Member

This course is 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, proper installation and quality control of various erosion and sediment control devices and turf establishment items. *Includes lunch.*

#2 ~ Watershed Analysis for Sediment Reduction (5.5 PDHs)
Dr. Patrick Belmont, Utah State University (Offered by MECA)
Registration Fee: $ 60 MECA Member/$ 85 Non-Member

Conceptual session on challenges in identifying sediment hotspots. This involves an overview of the challenges in measuring/monitoring erosion and deposition over large areas, explanation of the sediment delivery problems. There will be an emphasis on separating out terrestrial (ag field, hillslope, etc.) versus stream channel (bank and bluff erosion, etc.) sources. *Includes lunch.*

#3 ~ Improving MS4 Compliance (5.5 PDHs)
Noah Czech, City of St. Cloud ~ Rick Baird, City of Mankato ~ John Paulson, City of Hutchinson (Offered by MECA)
Registration Fee: $ 60 MECA Member/$ 85 Non-Member

This training will focus on the compliance aspects of meeting your MS4 permit requirements. Includes discussions on how to implement program procedures, including enforcement response procedures. There will be idea sharing and examples for educating internal staff and elected officials. The class will end with an opportunity for you to bring your own MS4 program documents and questions to review and discuss other MS4 entities. *Includes lunch.*

#4 ~ Intro MIDS Calculator Use (2 PDHs)
Mike Trojan, MPCA (Offered by MECA)
Registration Fee: $ 50 MECA Member/$ 75 Non-Member

This workshop is for new users or people who have minimal knowledge of the calculator. The workshop will cover the description of the calculator – what it does, when it should be used; Basics: opening the calculator, saving files, getting help; Creating a site; Implementing best management practices at a site; Checking results; Meeting goals. *Includes lunch.*

#5 ~ Intermediate MIDS Calculator Use (2 PDHs)
Mike Trojan, MPCA (Offered by MECA)
Registration Fee: $ 50 MECA Member/$ 75 Non-Member

This workshop is for people who have used the calculator, are familiar with opening and saving files, and have a basic understanding of setting up a site with BMPs. We will cover the following topics: Learning the ins and outs of specific BMPs; Building a treatment train; Other applications of the calculator (e.g. TMDLs, using green infrastructure practices); Learning the ins and outs of specific BMPs; Building a treatment train; Addressing challenging sites. *Includes lunch.*

#6 ~ Bioengineering and Biotechnical Soil Stabilization (3.0 PDHs)
John McCullah, Salix Applied Earthcare LLC (Offered by MECA)
Registration Fee: $ 60 MECA Member/$ 85 Non-Member

For novices to experts, this course is a must for those interested in Bioengineering (AKA – Biotechnical Soil Stabilization). Understand the guiding principles behind the Biotechnical techniques, the geotechnical benefits, the history, and the many important details necessary for a successful project. Designers and implementers will improve your success. The techniques covered are applicable to both river and upland settings. Learn from past projects, proffered with the benefit of time and presented in straightforward manner. This ½-day class is experienced-based – assimilating 20-years of authors' experience. The course includes fascinating facts about the history of bioengineering in the West. *Includes lunch.*