2022

CELEBRATING 50 YEARS

IECA Annual Conference and Expo

IECA
International Erosion Control Association
Protecting Soil and Water Resources

February 15 - 18

Minneapolis Convention Center

SEE US AT IECA BOOTH #301

The Industry's Only Complete Line of Hydraulically Applied Mulch Products **Is Also Its Best Performing**

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Enhanced for improved performance, Profile® HydroStraw® HE Mulch represents the highest-loading products on the market. Their versatile straw base gives you the ability to save time, save water and get more product on the ground faster.

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TABLE OF CONTENTS

SHOW INFORMATION

2 Welcome
4 General Information
4 IECA Organizers
7 IECA Board of Directors
8 IECA Conference Sponsors
9 IECA Partners

SCHEDULES AND PROGRAMMING

10 Schedule At-a-Glance
11 Mobile App
13 IECA Pre-Conference Workshops
16 IECA Technical Sessions
31 Expo Hall Events

EXHIBITORS

31 Advertiser Index
33 Exhibitor Index
34 Exhibitor Products and Services Listings
38 Exhibitor Directory

WELCOME

Nicky Araujo, PE
IECA President

Welcome to Minneapolis and the Beginning of Our 50th Anniversary Celebration!

I can't tell you how happy it makes me to be able to see members and industry peers in-person! Now, more than ever, IECA is a resource to help support you in your job and projects, and we've been here to assist members for over 50 years.

IECA has seen many industry changes over this time, some good, some bad – but regardless of what has happened, celebrating 50 years has never felt better. I am thankful that our members have been identified as essential workers during the pandemic. But, I am even more proud of how IECA adapted to create opportunities to provide training remotely. Now that we're coming out of the latest variant, we invite you to reconnect with peers and take advantage of this in-person time to grow your personal network. With zoom fatigue, we have let some networking opportunities slide, but please take advantage of this opportunity to have real conversations with your peers during networking sessions, receptions and in the hallways to connect with the global community.

I invite each of you to send in pictures and memories of events, training, networking and other opportunities that you've encountered with IECA over the years. We will be highlighting our history over the next year and want to celebrate our members in the process. We'll give you more details on how to share and submit during the IECA Annual Meeting on Thursday, February 17 at 3:15 PM in room 200AB. The board, our CEO and I will also give you an idea of where IECA has been and where we're headed in the future.

We don't know what the next round of COVID will look like, and it looks like we'll be dealing with it for some time. But, what I can tell you is the next 50 years of IECA will continue to adapt to support professionals by providing exceptional industry training, no matter what's going on in the world. If you're already a member, take advantage of all IECA has to offer. If you're not a member, stop by the IECA Town Hall to see how you can benefit from membershp. We will also be announcing additional industries we look to enter into that will provide additional opportunities to our membership base and to professionals who haven't had the opportunity to see what IECA can offer, stay tuned as more information becomes available!

I look forward to speaking with as many of you as I can during our time in Minneapolis.

Stay healthy my friends,

Nicky Araujo, PE
IECA President

The ORIGINAL Disposable Construction Site Washout

For 15 years, Outpak Washout customers have relied on our trusted and proven corrugated washout.

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- **3 sizes for any construction project**

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GENERAL INFORMATION

IECA ORGANIZING COMMITTEES

Professional Development Committee

Chair
Jacob Burkey, PE – Woolpert, Inc.

Board of Director Rep
Wesley Zech, Ph.D., LEED AP – The University of Alabama at Birmingham

Staff Liaison
Joanna Fetherolf, CMP – IECA

Members
Tim Anderson – NRA Environmental Consultants
Paige Ahlborg – Ramsey-Washington Metro Watershed
Bill Johnson – SEEC
James Kay, CPESC, CPSWQ – Alpine Consultants Ltd.
Tina Mudd – Granite Construction Inc.
Bill Murphy – ASP Enterprises Inc.
Kelvin Reyes – Domus Consultoria Ambiental S.A.C.
Dennis L. Richards, PE, D.WRE – Premier Engineering
Daniel Schertz, CPESC – Burns & McDonnell Engineering, Inc.
Matt Welch, CPESC, CESSWI – Profile Products, LLC

Education Committee

Chair
Dennis L. Richards, PE, D.WRE – Premier Engineering

Board of Director Rep
Wesley Zech, Ph.D., LEED AP – The University of Alabama at Birmingham

Staff Liaison
Joanna Fetherolf, CMP – IECA

Erosion and Sediment Control Chairs
Halton Lunsford, CONS, DRA, DUS, SED – Lunsford Environmental LLC
Stefano Rignanese, MS – Maccaferri, Inc.

Stormwater Management Chairs
Gleicy Cavalcante, EIT – Woolpert, Inc.
Harvey Dickson, CPESC – American Excelsior Company

Wetland, Stream Bank and Shoreline Restoration Chair
Ryan Alltop, CPESC – Encap, Inc.

MS4 Management Chairs
Scott Rogers, Ph.D., PE – Alabama Department of Transportation
Nancy Schumm, CPESC, CMS4S – PRIME AE Group, Inc.

Conference Materials

Plan out your schedule and download conference materials from the conference mobile app and/or conference website (www.ieca.org/annual22). As a registered attendee you have unique login details to access conference materials, connect with attendees and map out your conference participation. If you have login issues, stop by the registration desk at the Minneapolis Convention Center or email info@ieca.org for assistance.

On-Site Speaker Lounge

The IECA Speaker Lounge will be available to speakers throughout the conference. Stop by for a cup of coffee and prepare for your presentation in a peaceful space. This room will not be constantly staffed by IECA so if you have questions, please stop by registration, or contact Joanna Fetherolf, Managing Director, Conference & Education at joanna@ieca.org or 303-468-2237.

Wireless Internet Access

Wireless Internet is available complimentary in public spaces within the Minneapolis Convention Center. Upgraded Internet is available for purchase.

Technical Education Program Session Types

- **30-Minute Presentations**: Get the education you need in condensed 30-minute sessions.
- **Case Study**: Learn from projects, programs and experiences as industry professionals present innovative solutions to field issues. Take recommendations from industry experts and apply them to your situation.
- **Technical Paper**: Listen to individuals who have applied scientific methodology to their research into specific issues within our industry and drawn well-founded conclusions.
- **Great Lakes Region**: Looking for a local perspective? This track will highlight the top regional presenters from the Great Lakes Chapter of IECA and the Minnesota Erosion Control Association through papers, case studies and workshops.
- **Workshop**: Apply real-world applications and techniques to planning, design, construction and maintenance of your projects. Build a basic understanding, learn key concepts and practice new skills.
- **Product Case Study**: Join select companies who present attendees with their latest products and services. Each presentation will focus on the company's offerings. Attendees wanting an in-depth look at cutting edge products shouldn't miss our Product Case Study sessions.
- **IECA Learning Zone**: Located on the IECA Expo Hall floor, these sessions are open to all conference attendees.
- **Contractors' Corner**: This session is designed especially for contractors, sub-contractors and installers.
- **Vendor Showcases**: Join select companies who present attendees with the latest products and services. Attendees wanting a look at cutting edge products shouldn't miss our Vendor Showcase presentations.

IECA Lounge

Stop by the IECA Town Hall to learn more about benefits of IECA membership (including health insurance offerings and credit union membership), demo the IECA eHub education platform, and learn about other professional development resources to help you excel in your career. Spin the IECA prize wheel for your chance to win free online education, IECA-branded items and a 2023 conference pass!

Social Media

Connect real-time on Twitter using the conference hashtag #IECA2022. Or, post photos online on Facebook or Instagram and tag IECA.

Publication Bins

Stop by the publication bins located in front of the Expo Hall to pick up the latest issue of the following magazines:

- *Environmental Connection Magazine*
- *Geosynthetics Magazine*
- *Informed Infrastructure Magazine*
- *Storm Water Solutions Magazine*
- *Stormwater Magazine*

Water Refill Stations

With over 40 water bottle refill stations throughout the Minneapolis Convention Center, don't forget your water bottle to stay hydrated throughout the day.

Health and Safety

IECA, the Minneapolis Convention Center and our host hotel partners are working together to create a safe meeting environment for conference attendees. The responsibility of this safe meeting environment is shared amongst us all.

Minneapolis Health and Safety

Minneapolis Mayor, Jacob Frey, stated that any individual who is over age two and able to medically tolerate a face covering is required to wear a mask or cloth face covering inside all buildings and facilities owned or operated by the City of Minneapolis. This includes the Minneapolis Convention Center. This is in accordance with City of Minneapolis and CDC guidance regardless of vaccination status. For more information about a specific event at the MCC, please contact Marcus Travis at 612-335-6257 or Marcus.Travis@minneapolismn.gov.

Proof of Vaccination

Effective January 29, the City of Minneapolis will be requiring proof of vaccination or a negative COVID test (within 72 hours) to enter facilities serving food and drink, which applies to the 2022 IECA Annual Conference & Expo at the Minneapolis Convention Center. To review the on-site process and complete information regarding IECA's Return to Safe Meetings, visit our website: www.ieca.org/2022COVIDINFO.

On-site During the Event

- IECA follows the CDC guidelines and local city/state regulations. ***Masks must be worn, covering your nose and mouth, except when eating or drinking***. Presenters may remove their masks for the presentation and maintain a minimum of 6 feet of space from attendees.
- IECA will provide disposable masks for anyone who needs one.
- Some functions may limit attendance to allow for appropriate social distancing.
- The Minneapolis Convention Center and host hotels will provide alcohol-based sanitizer at registration and throughout the conference.
- Masks are required on the bus during the field tour.
- During breaks, the convention center will be cleaning meeting space.
- Wash hands often with soap and water for at least 20 seconds, or use an alcohol-based sanitizer with at least 60% alcohol.
- Cover your nose and mouth when coughing or sneezing.
- Maintain space between conference attendees as much as possible.
- Upon completion of COVID verification from either a negative COVID test or proof of vaccination, you will be issued your IECA COVID Verified Pass. This pass will be used to access IECA sponsored functions in the Minneapolis Convention Center, Brit's Pub, and our host hotels - Hyatt and Hilton for the duration of our conference (Tues. Feb 15 to Fri. Feb 18). At other establishments throughout the city you will be required to show your vaccination status or negative COVID test (within 72 hours).

Post-Event

If you test positive for COVID19 up to 14 days after the conference, please contact IECA immediately by emailing education@ieca.org. If there is any known exposure at the conference, we will inform conference attendees as soon as possible.

In Case of Emergency

The MCC's Command Center is committed to your safety and is staffed 24/7 to provide surveillance, safety response, and emergency or non-emergency communication services. The center is located on Level One near the Main Lobby. In the event of an emergency, the Command Center will use the building paging system, portable radios, and security/police/fire/EMT personnel to alert clients, show managers, exhibitors and guests of the incident.

Emergency Procedures

If you need emergency assistance during your visit, please call the Command Center first. We will immediately communicate with 911 to direct first responders exactly where they are needed.

Contact the MCC Command Center:

- On your cell phone at 612-335-6040.
- On one of our beige house phones, located in public corridors, lobbies, and fire-hose cabinets on various pillars in exhibit halls. The number (EXT. 2013) is posted by each phone.
- Through uniformed security officers, who are posted at security podiums 24/7 and who will also respond to any safety concerns you have that we should be aware of.

GENERAL INFORMATION

Lost and Found
Please turn in any lost and found items to the IECA registration desk.

Minneapolis
Meet the biggest underestimated place in the north. A dramatic riverfront skyline, three professional sports stadiums within 1.3 miles, so much art you're literally surrounded by it and a theater on almost every corner. A culture committed to perfecting the craft of the brew, one of the best park systems in the nation, and a foodie paradise where you can get Nordic cuisine for breakfast, Ethiopian for lunch and this thing called a "Juicy Lucy" for dinner – and oh yeah, cocktails on a Ferris wheel. A place to bring your dancing shoes and party at festivals all year round, enjoy four gorgeous seasons surrounded by 22 lakes, the Mississippi River and a waterfall, and meet friendly locals who can't wait to show you why they love Minneapolis. And, don't forget the heated skywalks that connect the hotels and convention center to restaurants, grocery stores, banks, pharmacies, retail, sports facilities, etc - so you never have to go outside.

Professional Development Certificates
Claim Your Professional Development Hours for the IECA Annual Conference:

1. Login to www.ieca.org/annual22 or IECA 2022 Conference App.
2. Select Claim Credit from the navigation bar.
3. When you attend a class, the moderator will provide you with an unlock code to access the classroom survey.
4. Upon completion and submission of the survey you will be awarded your credit.
5. The portal will store all your claimed credits throughout the conference – take surveys after each class or at the end of the day, and download all credits when you return home.
6. Any questions on claiming credit, please stop by registration or contact Joanna Fetherolf – Managing Director, Conference & Education at joanna@ieca.org.

On-Demand – Virtual Conference
Full Conference and Young Professional Full Conference pass holders will receive complimentary access to the IECA 2022 Virtual Annual Conference, March 1 – 3, 2022. The program includes live webinars, on-demand recordings and an interactive expo hall. Many sessions from the live Annual Conference will be featured in the on-demand program. ***Review the complete schedule at www.ieca.org/2022virtual.*** If you wish to upgrade your pass to include the virtual conference, contact Joanna Fetherolf at joanna@ieca.org or Cassy Hemmen at casandra@ieca.org.

BOARD OF DIRECTORS

RAFAEL (NICKY) ARAUJO, PE
President, Term Expires 2024
Committee Volunteer Activities:
- Executive Committee - Chair
- Save Our International Land (SOIL Fund)

CRAIG S. BENSON, MS, CWS
Secretary & Global Development VP, Term Expires 2023
Committee Volunteer Activities:
- Executive Committee

DON THIEMAN, CPESC, LEED-GA
Treasurer, Term Expires 2023
Committee Volunteer Activities:
- IECA Exhibits
- Executive Committee
- Finance Committee - Chair
- Exhibitor Council Member

WESLEY C. ZECH, PH.D., LEED-AP
Education VP, Term Expires 2023
Committee Volunteer Activities:
- Education Committee
- Professional Development Committee
- Standards and Practices Committee

ANDREW MACLEOD, CPESC, CPSS
Marketing VP, Term Expires 2023

JONATHAN KOEPKE, CPESC, LEED-AP
Governance VP, Term Expires 2024
Committee Volunteer Activities:
- IECA Faculty - Instructor
- Executive Committee
- Chapter Officer

JERRY B. SANDERS, CPESC
Committee VP, Term Expires 2024
Committee Volunteer Activities:
- IECA Faculty - Instructor

DYLAN DRUDUL, CPESC, CBLP
Membership VP, Term Expires 2022
Committee Volunteer Activities:
- Awards Committee
- Chapter Officer

ADAM DIBBLE, CPESC, CESSWI
Past-President, Term Expires 2022
Committee Volunteer Activities:
- Chapter Officer
- Save Our International Land (SOIL Fund)
- Exhibitor Council Member

CHRISTOPHER THOMSON, CHP
Member-at-Large, Term Expires 2022
Committee Volunteer Activities:
- Chapter Officer

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GEOSYNTHETICS MAGAZINE
INFORMED INFRASTRUCTURE MAGAZINE
STORM WATER SOLUTIONS MAGAZINE
STORMWATER MAGAZINE

As of Jan. 20, 2022

IECA PARTNERS

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Propex®

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EROSION CONTROL PRODUCTS

GOLD

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Environmental Solutions
ENVIRONMENTAL COMPLIANCE MADE SIMPLE

GRIPPLE®

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A CORE & MAIN BRAND

SILVER

Faircloth Skimmer

CERTIFIED INSPECTOR SEDIMENT AND EROSION CONTROL
CISEC

LOCAL HOSTS

MINNESOTA MECA
EROSION CONTROL ASSOCIATION

IECA Great Lakes CHAPTER

SCHEDULE AT-A-GLANCE

Monday, February 14, 2022

8:00 AM – 5:00 PM

CISEC Training*

Tuesday, February 15, 2022

7:00 AM – 5:00 PM

Registration Open

8:00 AM – 5:00 PM

CISEC Training & Examination *

8:00 AM – 12:00 PM

Half Day Pre-Conference Session – The Best of the BMPs - Understanding the Theory and Installation of Practices*

10:00 AM – 2:30 PM

Ice Fishing * (Sponsored by Profile Products)

1:00 – 5:00 PM

Half Day Pre-Conference Session – Soil, Plants, and Stormwater – Designing and Managing Resources for Optimal Performance*

6:30 – 9:30 PM

50th Anniversary Welcome Reception Hosted by Great Lakes Chapter of IECA and the Minnesota Erosion Control Association (Sponsored by American Excelsior) *

Wednesday, February 16, 2022

6:30 AM – 6:00 PM

Registration Open

7:30 – 9:00 AM

Opening Keynote Breakfast: Saving the World Through Watershed Function: Insights from the PV-SMaRT Project

9:10 AM – 12:30 PM

Morning Concurrent Education Sessions

12:30 – 2:00 PM

IECA Awards of Environmental Excellence Lunch

2:10 – 3:50 PM

Afternoon Concurrent Education Sessions

4:00 PM

Ribbon Cutting Ceremony for Expo Hall Opening

4:00 – 6:00 PM

Welcome to Minneapolis! 2022 Expo Hall Opening Reception (Sponsored by L&M Supply and Profile Products)

7:30 – 9:30 PM

Young Professionals Trivia Night *

Thursday, February 17, 2022

7:00 – 9:00 AM

Light Breakfast and Coffee Service

7:00 AM – 5:00 PM

Registration Open

8:00 – 11:30 AM

Morning Concurrent Education Sessions

9:00 AM – 4:00 PM

Expo Hall Hours

11:30 AM – 1:30 PM

Expo Hall Lunch (Sponsored by Mat, Inc.)

12:00 – 1:30 PM

Poster Presentations

12:45 – 1:15 PM

IECA Demo Area - Equipment for Experiments in Erosion & Sediment Control

1:30 – 3:10 PM

Afternoon Concurrent Education Sessions

2:45 – 3:15 PM

IECA Demo Area - Equipment for Experiments in Erosion & Sediment Control

3:15 – 3:45 PM

IECA Annual Meeting

4:00 – 5:00 PM

IECA Chapter Meetings

Friday, February 18, 2022

7:00 – 9:00 AM

Light Breakfast and Coffee Service

7:00 AM – 2:00 PM

Registration Open

8:00 – 11:30 AM

Morning Concurrent Education Sessions

9:00 AM – 1:30 PM

Expo Hall Hours

11:15 AM – 1:30 PM

IECA Demo Area - Equipment for Experiments in Erosion & Sediment Control

11:30 AM – 1:30 PM

Taste of Minneapolis - Lunch in Expo Hall (Sponsored by Bolton and Menk; CMS Environmental Solutions; Gripple, Inc.; and Inland Tarp and Liner)

1:00 – 4:00 PM

Tour of the St. Anthony Falls Laboratory, University of Minnesota *

** SEPERATE REGISTRATION REQUIRED. STOP BY THE REGISTRATION DESK TO PURCHASE.*

Using the "2022 IECA Annual Conference & Expo" App

Make the Most of Your On-Site Experience!*

Notetaking & Bookmarking
Annotate directly on presentation slides and bookmark specific slides to view at a later time.

Personal Summary
Notes and bookmarked slides can be viewed, exported as PDFs, or printed at any time.

Create & Share Schedules
Attendees can schedule sessions and personal items, then sync with their own calendars!

Social Features
Attendees can view and communicate with other app users, speakers, and exhibitors.

***Download before you go!** On-Site WiFi service can affect the functionality of the app.

1. Download the "eventScribe" App

Search for **"eventScribe"** in the Apple App Store or Google Play Store.

INSTALL and **OPEN** the app then **SELECT** the event:

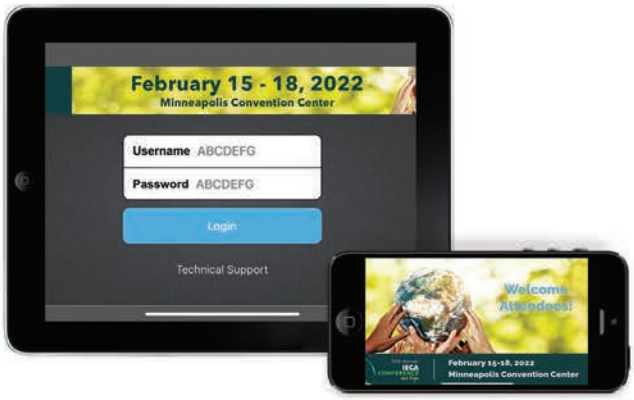
"IECA Annual Conference"

CLICK the icon to launch your app.

Event Name:
IECA Annual Conference

2. Login to your event App

To start using your event app, select **"Login"** and type your username (email) and password (access key) that was sent to your email. This is the same credentials as the website.
Select 'forgot password' if needed.



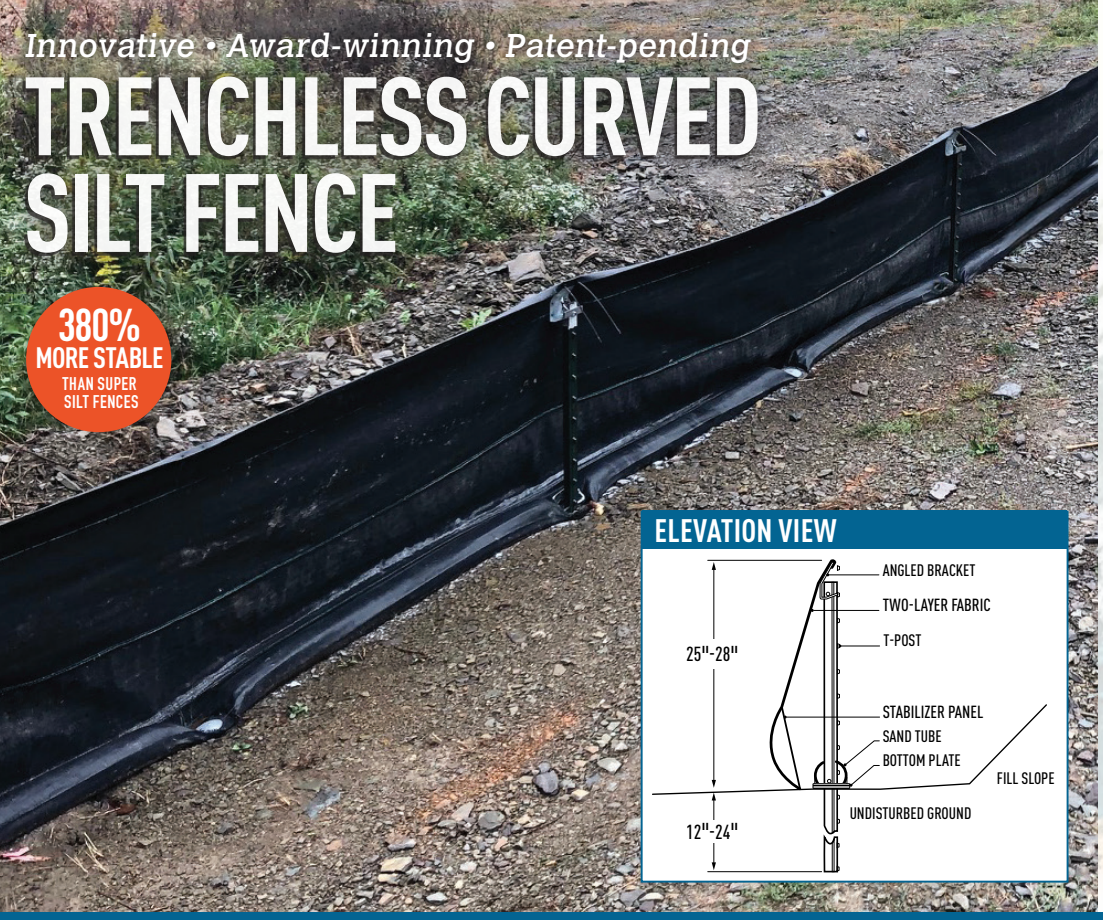
3. Take notes on presentation slides

Find the presentation you need and interact with the presentation by drawing on slides or highlighting text. Use the note-taking mode to type your notes next to each slide. Access your notes and print them out by clicking the "My Notes" on the home screen or "Online Personal Summary" in the hamburger menu.

Innovative • Award-winning • Patent-pending

TRENCHLESS CURVED SILT FENCE

380% MORE STABLE THAN SUPER SILT FENCES



Introducing a revolutionary new product from **New Pig Energy, the secondary containment experts.**

Our Trenchless Curved Silt Fence is:

- **Quick and easy to install**
- **No trenching needed**
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Innovative "curved" design redirects hydrostatic force for 380% more stability than a super silt fence. Perfect for slopes and large sites where sediment control is required.

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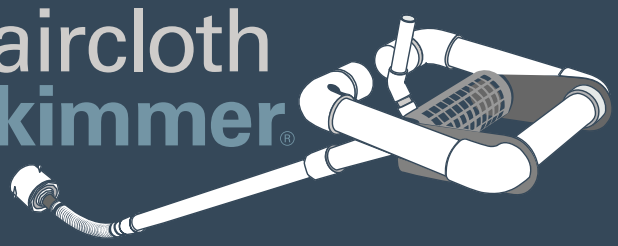

The ORIGINAL sediment basin skimmer

- PVC skimmer floats on the surface, releasing the cleanest water in the basin
- Drains from the basin's surface instead of the bottom
- Improves basin performance
- Simple, automatic, gravity operation
- Works in basins with risers or sediment traps with spillway
- Eight sizes available with adjustable orifices to customize flow rate

Reliable and easy to install

Sizes, flow rates, prices, illustrations and instructions are available at: **www.FairclothSkimmer.com**

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Hillsborough, NC 27278 | 919.732.1244 | fax: 919.732.1266

PRE-CONFERENCE WORKSHOPS

MONDAY, FEBRUARY 14

Separate registration required

8:00 AM – 5:00 PM

CISEC Training

Room: 200F

TUESDAY, FEBRUARY 15

Separate registration required

8:00 AM – 5:00 PM

CISEC Training and Exam

Room: 200F

8:00 AM – 12:00 PM Half Day Workshop

The Best of the BMPs - Understanding the Theory and Installation of Practices

John A. McCullah

Track: Erosion and Sediment Control
Room: 200C
Type | Level: Half-Day Training Course | All: Suitable for a Broad Audience
PDH: 4

ENGINEERING RCEP REGISTERED CONTINUING EDUCATION PROGRAM

The International Erosion Control Association has met the standards and requirements of the Registered Continuing Education Program. Credit earned on completion of this program will be reported to RCEP.

1:00 – 5:00 PM Half Day Workshop

Soil, Plants and Stormwater - Designing and Managing Resources for Optimal Performance

Ted Hartsig

Track: Stormwater Management
Room: 200C
Type | Level: Half-Day Training Course | All: Suitable for a Broad Audience
PDH: 4

ENGINEERING RCEP REGISTERED CONTINUING EDUCATION PROGRAM

The International Erosion Control Association has met the standards and requirements of the Registered Continuing Education Program. Credit earned on completion of this program will be reported to RCEP.

WEDNESDAY, FEBRUARY 16

	200AB	200C	200D	200F
8:00 – 9:00 AM				
9:10 – 10:10 AM				
	Building an Equitable and Resilient Future: Social and Environmental Factors in Stormwater Infrastructure	SWPPP Compliance by Season (Time of Year)	Chemical Treatments for Erosion and Turbidity Control: A Review	TRMs with Recycled Fibers Help Contain Fly Ash
10:20 – 11:20 AM				
	Native Vegetation as a Best Management Practice and It's Underutilization in Sustainable Erosion and Sediment Control	Comprehensive, Synergistic Stormwater Channel Remediation	Coastal Protection Under a Changing Climate	Slopes, Waterways and Shorelines - Oh My! An Interactive Look at the Envirolok System
11:30 AM – 12:30 PM				
	Assessing Environmental Attributes and Legacies of Our Erosion and Sediment Control	Talking Trash	IECA Technical Paper of the Year! Short-Circuiting Assessment of a Roadside Bioretention Facility in Atlanta, GA	Environmental Benefits of Living Shorelines Across Several Dimensions
12:30 – 2:00 PM				
2:10 – 3:10 PM				
	Low Impact Sustainable Development Design Manual for Morris, Connecticut	Cameron Peak Post Fire Restoration	To Pool or Not to Pool - Sediment Control Techniques	Applied Polymer Systems New & Improved Products - Introducing BioBlend Floc Logs
3:20 – 3:50 PM				
	Estimating Infiltration Rates for Infiltration Practices	Post Wildfire Treatments for Hot Burn Areas (Carr Fire) Using Successional Reclamation Principles		Concrete Canvas - A Hard Armor Solution For Erosion Control and Containment
4:00 – 6:00 PM				
7:30 – 9:30 PM				

200G	200H	200IJ	OTHER
			Opening Keynote: Saving the World Through Watershed Function: Insights from the PV-SMaRT Project (Ballroom)
Optimizing MS4 Construction Inspections with Drones and Artificial Intelligence	Distinctive Landform Using Marginal Fill from Man Made Storm Pond	Adaptive Dewatering: Site-Specific and Situational Erosion and Sediment Control	
Practical Silt Fence Enhancements for Enhanced Stability and Dewatering	What Do I Do When I Have Facilities in Multiple States? Tips for Figuring Out Multi-State Industrial Stormwater Compliance	Big Picture Strategy for Reducing Salt Laden Roadside Soils	
Turbidity Calculations to Assess Impacts on Water Quality	Withstanding the Test of Time: Decades of Success with Anionic PAM Technology as It Continues to Adapt to Meet the Needs of an Evolving Industry	Ten Years with the Minnesota Stormwater Manual, MIDS, and TMDLs – Some Observations	
			IECA Awards of Environmental Excellence Lunch (Ballroom)
Nozzle for Spraying Polyacrylamide Flocculants. Case Study in Morocco for Sand Dune Stabilization & in Israël for Soil Erosion Control on Potatoes Crop	Twin Ports Interchange Project Formerly Known as the "Can of Worms"	Large-Scale Solar Development: Water Quality Risk, or Green Infrastructure? The PV-SMaRT Project	Minnesota Erosion Control Association (MECA) Awards and Scholarship (Ballroom)
Revegetation in Poor Soils and Harsh Climates	Sustainable Revegetation for Solar Sites	Outreach and Engagement in a Post Pandemic World	
			Welcome to Minneapolis! 2022 Expo Hall Opening Reception (Expo Hall)
			Young Professional Trivia Night (Brit's Pub)

TECHNICAL TRAINING

WEDNESDAY, FEBRUARY 16

8:00 – 9:00 AM

Opening Keynote: Saving the World Through Watershed Function: Insights from the PV-SMaRT Project
Rob Davis; Brian Ross, AICP, LEED GA

Track: Stormwater Management
Room: Ballroom
Type | Level: Keynote & Breakfast | All: Suitable for a Broad Audience
PDH: 1

9:10 – 10:10 AM

Adaptive Dewatering: Site-Specific and Situational Erosion and Sediment Control
Steven Grice, PMP

Track: Regulations/Compliance
Room: 200IJ
Type | Level: Regional [Great Lakes Region] | All: Suitable for a Broad Audience
PDH: 1

Building an Equitable and Resilient Future: Social and Environmental Factors in Stormwater Infrastructure
Jacob O. Burkey, PE; Ryan D. Eaves, PE, CFM, CPESC; J.P. Johns, PE; Gleicy M. Cavalcante, EIT

Track: Stormwater Management
Room: 200AB
Type | Level: Workshop | All: Suitable for a Broad Audience
PDH: 1

Chemical Treatments for Erosion and Turbidity Control: A Review
Richard A. McLaughlin, Ph.D.

Track: Erosion and Sediment Control
Room: 200D
Type | Level: Workshop | All: Suitable for a Broad Audience
PDH: 1

Distinctive Landform Using Marginal Fill from Man Made Storm Pond
Stefano Rignanese, MS

Track: Stormwater Management
Room: 200H
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

Optimizing MS4 Construction Inspections with Drones and Artificial Intelligence
Andy Cross; Laura Newman

Track: MS4 Management
Room: 200G
Type | Level: Workshop | All: Suitable for a Broad Audience
PDH: 1

SWPPP Compliance by Season (Time of Year)
Dwayne L. Stenlund, CPESC

Track: Stormwater Management
Room: 200C
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

TRMs with Recycled Fibers Help Contain Fly Ash
Kevin Boyce

Track: Erosion and Sediment Control
Room: 200F
Type | Level: Product Case Study | All: Suitable for a Broad Audience
PDH: 1

10:20 – 11:20 AM

Big Picture Strategy for Reducing Salt Laden Roadside Soils
Connie Fortin, MS

Track: Erosion and Sediment Control
Room: 200IJ
Type | Level: Regional [Great Lakes Region] | All: Suitable for a Broad Audience
PDH: 1

Coastal Protection Under a Changing Climate
Craig Benson, MS, CWS

Track: Wetland, Stream Bank, and Shoreline Restoration
Room: 200D
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

Comprehensive, Synergistic Stormwater Channel Remediation
Harvey Dickson, CPESC

Track: Erosion and Sediment Control
Room: 200C
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

Native Vegetation as a Best Management Practice and It's Underutilization in Sustainable Erosion and Sediment Control
Matthew M. Welch, CPESC, CESSWI; Clayton Frazer; Jason Fritz; Marc S. Theisen, M.Sc., CPESC, CPSWQ, CESSWI

Track: Erosion and Sediment Control
Room: 200AB
Type | Level: Workshop | Beginner
PDH: 1

Practical Silt Fence Enhancements for Enhanced Stability and Dewatering
Blake Whitman, Ph.D., PE, CPESC

Track: Erosion and Sediment Control
Room: 200G
Type | Level: Technical Paper | All: Suitable for a Broad Audience
PDH: 1

Slopes, Waterways and Shorelines - Oh My! An Interactive Look at the Envirolok System
Eric Seidl, LEED-AP

Track: Erosion and Sediment Control
Room: 200F
Type | Level: Product Case Study | All: Suitable for a Broad Audience
PDH: 1

What Do I Do When I Have Facilities in Multiple States? Tips for Figuring Out Multi-State Industrial Stormwater Compliance
Nathan T. Collier, CPESC, CESSWI

Track: Regulations/Compliance
Room: 200H
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

11:30 AM – 12:30 PM

Assessing Environmental Attributes and Legacies of Our Erosion and Sediment Control Materials
Marc S. Theisen, M.Sc., CPESC, CPSWQ, CESSWI

Track: Erosion and Sediment Control
Room: 200AB
Type | Level: Technical Paper | All: Suitable for a Broad Audience
PDH: 1

Environmental Benefits of Living Shorelines Across Several Dimensions
Ryan Leeds; Casey Cittadino

Track: Erosion and Sediment Control
Room: 200F
Type | Level: Technical Paper | All: Suitable for a Broad Audience
PDH: 1

IECA Technical Paper of the Year! Short-Circuiting Assessment of a Roadside Bioretention Facility in Atlanta, GA
Gleicy M. Cavalcante, EIT; Gary L. Hawkins, Ph.D.

Track: Stormwater Management
Room: 200D
Type | Level: Technical Paper | Intermediate
PDH: 1

Talking Trash
Phillip Taylor, CPSWQ

Track: Stormwater Management
Room: 200C
Type | Level: Technical Paper | Beginner
PDH: 1

Ten Years with the Minnesota Stormwater Manual, MIDS, and TMDLs – Some Observations
Mike Trojan, Ph.D.

Track: Stormwater Management
Room: 200IJ
Type | Level: Regional [Great Lakes Region] | Intermediate | Advanced
PDH: 1

Turbidity Calculations to Assess Impacts on Water Quality
Angel Menendez, Ph.D.; Gustavo O. Salerno, CPESC

Track: Erosion and Sediment Control
Room: 200G
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

Withstanding the Test of Time: Decades of Success with Anionic PAM Technology as It Continues to Adapt to Meet the Needs of an Evolving Industry
Seva I. Iwinski Bray, GA

Track: Stormwater Management
Room: 200H
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

12:30 – 2:00 PM

IECA Awards of Environmental Excellence Lunch
Room: Ballroom

2:10 – 3:10 PM

Applied Polymer New and Improved Products - Introducing BioBlend Floc Logs
Kyla Wood, Ph.D.

Track: Erosion and Sediment Control
Room: 200F
Type | Level: Product Case Study | All: Suitable for a Broad Audience
PDH: 1

Cameron Peak Post Fire Restoration
Beau Lane; Denver Raemisch; Chuck Herrmann, CPSS

Track: Erosion and Sediment Control
Room: 200C
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

Large-Scale Solar Development: Water Quality Risk, or Green Infrastructure? The PV-SMaRT Project
Brian Ross, AICP, LEED GA; David Mulla, Ph.D.

Track: Stormwater Management
Room: 200IJ
Type | Level: Case Study | Intermediate
PDH: 1

Low Impact Sustainable Development Design Manual for Morris, Connecticut
Steven Trinkaus, PE

Track: Stormwater Management
Room: 200AB
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

Minnesota Erosion Control Association (MECA) Awards and Scholarship
Rebecca Forman, Ph.D., CSE

Track: Erosion and Sediment Control
Room: Ballroom
Type | Level: Regional [Great Lakes Region] | All: Suitable for a Broad Audience
PDH: 1

Nozzle for Spraying Polyacrylamide Flocculants. Case Study in Morocco for Sand Dune Stabilization and in Israël for Soil Erosion Control on Potatoes Crop
Xavier Riveau, MSs

Track: Erosion and Sediment Control
Room: 200G
Type | Level: Case Study | Intermediate
PDH: 1

To Pool or Not to Pool - Sediment Control Techniques
Jeff King; Kurt Kelsey, MS, CPESC, CPSWQ

Track: Erosion and Sediment Control
Room: 200D
Type | Level: Workshop | All: Suitable for a Broad Audience
PDH: 1

Twin Ports Interchange Project Formerly Known as the "Can of Worms"
Keri Aufdencamp, CPSEC; Pete Marthaler, PE

Track: Erosion and Sediment Control
Room: 200H
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

3:20 – 3:50 PM

Concrete Canvas - A Hard Armor Solution For Erosion Control and Containment
Melanie Fuhrman

Track: Stormwater Management
Room: 200F
Type | Level: Product Case Study | All: Suitable for a Broad Audience
PDH: 0.5

Estimating Infiltration Rates for Infiltration Practices
John S. Gulliver, MS, Ph.D.; Nicholas Tecca, PE

Track: Stormwater Management
Room: 200AB
Type | Level: 30 Minute Presentation | All: Suitable for a Broad Audience
PDH: 0.5

Outreach and Engagement in a Post Pandemic World
Lane Christianson, DTM

Track: Stormwater Management
Room: 200IJ
Type | Level: 30 Minute Regional [Great Lakes Region] | All: Suitable for a Broad Audience
PDH: 0.5

Post Wildfire Treatments for Hot Burn Areas (Carr Fire) Using Successional Reclamation Principles
John McCullah

Track: Erosion and Sediment Control
Room: 200C
Type | Level: 30 Minute Presentation | All: Suitable for a Broad Audience
PDH: 0.5

Revegetation in Poor Soils and Harsh Climates
Lauren C. Alaniz

Track: Erosion and Sediment Control
Room: 200G
Type | Level: 30 Minute Presentation | All: Suitable for a Broad Audience
PDH: 0.5

Sustainable Revegetation for Solar Sites
Stephen MacShane, CESSWI; Ross Bruno

Track: Erosion and Sediment Control
Room: 200H
Type | Level: 30 Minute Presentation | All: Suitable for a Broad Audience
PDH: 0.5

4:00 – 6:00 PM

Welcome to Minneapolis! 2022 Expo Hall Opening Reception
Room: Expo Hall

7:30 – 9:30 PM

Young Professional Trivia Night
Room: Brit's Pub

THURSDAY, FEBRUARY 17

	200AB	200C	200D	200F
8:00 – 9:00 AM	Hierarchy of Controls - An Alternative Way to Look at BMPs	Forensic BMP Investigation	Biopolymers and PAM: Evaluation of Novel Bio-Blend Polymer Logs for Removal of Suspended Sediment	Profile Products - Product Case Study - Flexterra HP-FGM
9:10 – 9:40 AM	Hydrostatic Pressure Associated with Various Levels of Backed-up Water and Sediment on Silt Fences	Pre-Vegetated Blankets: Providing Erosion Control While Preserving the Integrity, Stability and Beauty of the Native Plant Community	Your Compliance Compass | How to Navigate Through a Complex Project	Des Moines River Stabilization
9:50 – 10:20 AM	Construction SWPPP in an Industrial Environment	Evaluation of Erosion Control Product Properties, Performance Capabilities and Failure Mechanisms	Protection of Earth Structures Using Geosynthetic Cementitious Composite Mats (GCCM)	Trenchless Curved Silt Fence
10:30 – 11:30 AM	What Are My Options? Demonstrating Urban Stream Stabilization and Enhancement Techniques	Biotic Soil Technologies (BSTs) and Native Vegetation for Effective Waste Containment Closure - A Midwest Case Study		Importance of Agricultural Vegetated Waterways
11:00 AM – 1:30 PM				
1:30 – 2:00 PM	Compliance Monitoring During Wind Farm Construction	Revegetating Challenging Soils	A Decade of Research at Auburn University - Stormwater Research Facility	Advances in Coastal and Streambank Erosion Protection
2:10 – 3:10 PM	Reducing Plastic in Erosion and Sediment Control Products	Flocculant Dosage Guidance for Construction Stormwater Treatment	Acceptable Phosphate and Nitrate Levels in StormWater via Regional/Local Approaches	Design the Change: Reno Mattress Plus
3:15 – 3:45 PM	IECA Annual Meeting			
4:00 – 5:00 PM			Northeast Chapter Mtg	South Central Chapter Mtg

200G	200H	200IJ	OTHER
Choosing the Right BMP Based on Performance and Avoiding the Race to the Bottom	Gasoline and Groundwater: Managing an Urban Karst Contamination Event in a MS4	Phosphorus Load Reduction Using Streambank Stabilization – a Ten Year Follow	Standards and Practice Committee (202A)
Advanced Stormwater Treatment Considers Deicing Salts' Impact on Heavy Metals	Erosion and Sediment Control in Mining	MS4 Management in a Global Pandemic	Expo Hall Open (9:00 AM - 4:00 PM) Contractors' Corner (9:30 - 11:30 AM Expo Hall)
Fines Movement from Testing Bioretention Media		North Fork of the Zumbro River Channel Restoration Project	Editorial Committee Meeting (202A)
Environmental Benefits of a Living Shoreline Across Several Dimensions		Shoreline/Streambank Restoration and Erosion Control - A Minnesota Perspective	Awards Committee Meeting (202A) Professional Development Committee Meeting (202B)
			American Excelsior: Curlex Bloc for Filtration and Other Uses (12:00 – 12:20 PM Expo Hall) Poster Presentations (12:00 – 1:30 PM Expo Hall) Applied Polymer Systems Products: Past, Present and Future (12:30 – 12:50 PM Expo Hall) Demo: Equipment for Experiments in Erosion and Sediment Control (12:45 – 1:15 PM Expo Hall) Profile Products - Biotic Soil Erosion Control Technologies (1:00 – 1:20 PM Expo Hall) Suståne Natural Fertilizer Introduces FOUNDATION (1:30 – 1:50 PM Expo Hall)
Erosion Control Products: Supporting the Environment from Beginning to End		SWPPP Design in 3D	
Using PAM to Build and Maintain Artificial Ponds	Memorial Park Land Bridge and Prairie – If We Build it, Will They Come?	Bee Informed: Case Studies on Handling the Presence of Threatened and Endangered Species on Construction Sites	Demo: Equipment for Experiments in Erosion and Sediment Control (2:45 – 3:15 PM Expo Hall)
Western Chapter Mtg	Mid-Atlantic Chapter Mtg	Mountain States Chapter Mtg	Great Lakes Chapter Mtg (Expo Hall) Great Rivers Chapter Mtg (Expo Hall) Iberoamerica Chapter Mtg (202A) Southeast Chapter Mtg (News Room)

TECHNICAL TRAINING

THURSDAY, FEBRUARY 17

8:00 – 9:00 AM

Standards and Practice Committee
Michael Perez (Committee Chair); Joanna Fetherolf, CMP (IECA Staff Liaison)
Room: 202A
Type | Level: Committee Meeting

Biopolymers and PAM: Evaluation of Novel Bio-Blend Polymer Logs for Removal of Suspended Sediment
Kyla J. Wood, Ph.D.
Track: Stormwater Management
Room: 200D
Type | Level: Technical Paper | All: Suitable for a Broad Audience
PDH: 1

Choosing the Right BMP Based on Performance and Avoiding the Race to the Bottom
Craig A. Schultz
Track: Erosion and Sediment Control
Room: 200G
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

Forensic BMP Investigation
Gleicy M. Cavalcante, EIT; Gary L. Hawkins, Ph.D.
Track: Stormwater Management
Room: 200C
Type | Level: Workshop | Intermediate
PDH: 1

Gasoline and Groundwater: Managing an Urban Karst Contamination Event in a MS4
Matt Powell, CFM
Track: MS4 Management
Room: 200H
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

Hierarchy of Controls - An Alternative Way to Look at BMPs
Raymond E. Plummer, III, PE
Track: Erosion and Sediment Control
Room: 200AB
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

Phosphorus Load Reduction Using Streambank Stabilization – a Ten Year Follow Up
Amy R. Anderson, PE
Track: Wetland, Stream Bank, and Shoreline Restoration
Room: 200IJ
Type | Level: Regional [Great Lakes Region] | All: Suitable for a Broad Audience
PDH: 1

Profile Products - Product Case Study - Flexterra HP-FGM
Stephen MacShane, CESSWI
Track: Erosion and Sediment Control
Room: 200F
Type | Level: Product Case Study | All: Suitable for a Broad Audience
PDH: 1

9:00 AM – 4:00 PM

Expo Hall Hours
Room: Expo Hall

9:10 – 9:40 AM

Advanced Stormwater Treatment Considers Deicing Salts' Impact on Heavy Metals
Jim Merchlewitz, MBA; Carsten Dierkes, Dr. Eng
Track: Stormwater Management
Room: 200G
Type | Level: Technical Paper | All: Suitable for a Broad Audience
PDH: 0.5

Des Moines River Stabilization
Bennett Lowery, BST
Track: Erosion and Sediment Control
Room: 200F
Type | Level: Product Case Study | All: Suitable for a Broad Audience
PDH: 0.5

Erosion and Sediment Control in Mining
Stefano Rignanese, MS
Track: Erosion and Sediment Control
Room: 200H
Type | Level: 30 Minute Presentation | All: Suitable for a Broad Audience
PDH: 0.5

Hydrostatic Pressure Associated with Various Levels of Backed-up Water and Sediment on Silt Fences
Gary Hawkins, Ph.D.
Track: Erosion and Sediment Control
Room: 200AB
Type | Level: 30 Minute Presentation | All: Suitable for a Broad Audience
PDH: 0.5

MS4 Management in a Global Pandemic
Meghan Litsey, CPESC; Taylor Engstrom
Track: MS4 Management
Room: 200IJ
Type | Level: 30 Minute Regional [Great Lakes Region] | Beginner | Intermediate
PDH: 0.5

Pre-Vegetated Blankets: Providing Erosion Control While Preserving the Integrity, Stability and Beauty of the Native Plant Community
Robert Livingston
Track: Erosion and Sediment Control
Room: 200C
Type | Level: 30 Minute Presentation | All: Suitable for a Broad Audience
PDH: 0.5

Your Compliance Compass | How to Navigate Through a Complex Project
Gregory Beckius, CPESC
Track: Erosion and Sediment Control
Room: 200D
Type | Level: 30 Minute Presentation | All: Suitable for a Broad Audience
PDH: 0.5

9:30 – 11:30 AM

Contractor Corner – What Can Owners and Designers Learn from Contractors?
Jonathan Koepke, MBA, MA; Paul Mueller, CESSWI; Dwayne L. Stenlund, CPESC
Track: Contractors' Corner
Room: Expo Hall
Type | Level: IECA Learning Zone | All: Suitable for a Broad Audience
PDH: 2

9:50 – 10:20 AM

Editorial Committee Meeting
Wesley Donald, CPESC (Committee Chair); Joanna Fetherolf, CMP (IECA Staff Liaison)
Room: 202A
Type | Level: Committee Meeting

Construction SWPPP in an Industrial Environment
Matthew Renaud, CPESC, QSD, QISP
Track: Stormwater Management
Room: 200AB
Type | Level: 30 Minute Presentation | Intermediate
PDH: 0.5

Evaluation of Erosion Control Product Properties, Performance Capabilities and Failure Mechanisms
Kurt Kelsey, MS, CPESC, CPSWQ
Track: Erosion and Sediment Control
Room: 200C
Type | Level: 30 Minute Presentation | Intermediate
PDH: 0.5

Fines Movement from Testing Bioretention Media
Gary Hawkins, Ph.D.
Track: Stormwater Management
Room: 200G
Type | Level: 30 Minute Presentation | All: Suitable for a Broad Audience
PDH: 0.5

North Fork of the Zumbro River Channel Restoration Project
Luke W. Lunde, CPSS, PSS, PSC
Track: Wetland, Stream Bank, and Shoreline Restoration
Room: 200IJ
Type | Level: 30 Minute Regional [Great Lakes Region] | All: Suitable for a Broad Audience
PDH: 0.5

Protection of Earth Structures Using Geosynthetic Cementitious Composite Mats (GCCM)
John N. Paulson, PE

Track: Stormwater Management
Room: 200D
Type | Level: 30 Minute Presentation | Intermediate
PDH: 0.5

Trenchless Curved Silt Fence
Beth Powell, MBA

Track: Erosion and Sediment Control
Room: 200F
Type | Level: Product Case Study | All: Suitable for a Broad Audience
PDH: 0.5

10:30 – 11:30 AM

Awards Committee Meeting
Sonny Johns, MS, CPSEC (Committee Chair); Cassy Hemmen & Jan Rabern (IECA Staff Liasions)

Room: 202A
Type | Level: Committee Meeting

Professional Development Committee Meeting
Jacob O. Burkey, PE (Committee Chair); Joanna Fetherolf, CMP (Staff Liaison)

Room: 202B
Type | Level: Committee Meeting

Biotic Soil Technologies (BSTs) and Native Vegetation for Effective Waste Containment Closure - A Midwest Case Study
Matthew M. Welch, CPESC, CESSWI

Track: Erosion and Sediment Control
Room: 200C
Type | Level: Case Study | Beginner
PDH: 1

Environmental Benefits of a Living Shoreline Across Several Dimensions
Ryan Leeds; Casey Cittadino

Track: Erosion and Sediment Control
Room: 200G
Type | Level: Product Case Study | All: Suitable for a Broad Audience
PDH: 1

Importance of Agricultural Vegetated Waterways
Ryan Stenzel

Track: Stormwater Management
Room: 200F
Type | Level: Product Case Study | All: Suitable for a Broad Audience
PDH: 1

Shoreline/Streambank Restoration and Erosion Control - A Minnesota Perspective
Greg T. Berg

Track: Wetland, Stream Bank, and Shoreline Restoration
Room: 200IJ
Type | Level: Regional [Great Lakes Region] | All: Suitable for a Broad Audience
PDH: 1

What Are My Options? - Demonstrating Urban Stream Stabilization and Enhancement Techniques
J.P. Johns, PE

Track: Wetland, Stream Bank, and Shoreline Restoration
Room: 200AB
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

11:30 AM – 1:30 PM

Expo Hall Lunch

Room: Expo Hall

12:00 – 12:20 PM

American Excelsior Vendor Showcase: Curlex Bloc for Filtration and Other Uses
Darryl Childers

Track: Erosion and Sediment Control
Room: Expo Hall - Learning Zone
Type | Level: IECA Learning Zone | All: Suitable for a Broad Audience
PDH: 0.5

12:00 – 1:30 PM

Poster Presentations from IECA University Partner Students

Room: Expo Hall - Town Hall

12:30 – 12:50 PM

Applied Polymer Systems Products: Past, Present and Future
Seva I. Iwinski Bray, GA

Track: Erosion and Sediment Control
Room: Expo Hall - Learning Zone
Type | Level: IECA Learning Zone | All: Suitable for a Broad Audience
PDH: 0.5

12:45 – 1:15 PM

Demo: Equipment for Experiments in Erosion and Sediment Control
John A Chapman, Ph.D.; Andy Erickson, Ph.D., PE

Track: Erosion and Sediment Control
Room: Expo Hall – Demo Zone
Type | Level: IECA Learning Zone | All: Suitable for a Broad Audience

1:00 – 1:20 PM

Profile Products Product Showcase - Biotic Soil Erosion Control Technologies
Stephen MacShane, CESSWI

Track: Erosion and Sediment Control
Room: Expo Hall - Learning Zone
Type | Level: IECA Learning Zone | All: Suitable for a Broad Audience
PDH: 0.5

1:30 – 1:50 PM

Sustâne Natural Fertilizer Introduces FOUNDATION
Greg Naffz, BA

Track: Erosion and Sediment Control
Room: Expo Hall - Learning Zone
Type | Level: IECA Learning Zone | Intermediate
PDH: 0.5

1:30 – 2:00 PM

A Decade of Research at Auburn University - Stormwater Research Facility
Jaime C. Schussler, MS, CPESC-IT, EIT

Track: Erosion and Sediment Control
Room: 200D
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 0.5

Advances in Coastal and Streambank Erosion Protection
Kevin H. Coyle

Track: Erosion and Sediment Control
Room: 200F
Type | Level: Product Case Study | All: Suitable for a Broad Audience
PDH: 0.5

Compliance Monitoring During Wind Farm Construction
Daniel L. Schertz, CPESC; Kenneth A. Gouvion, MS Biology, CISEC, CPESC

Track: Erosion and Sediment Control
Room: 200AB
Type | Level: 30 Minute Presentation | Beginner | Intermediate
PDH: 0.5

Erosion Control Products: Supporting the Environment from Beginning to End
Lisa W. Simms, PE, CPESC

Track: Erosion and Sediment Control
Room: 200G
Type | Level: 30 Minute Presentation | All: Suitable for a Broad Audience
PDH: 0.5

Revegetating Challenging Soils
Rene Barrientos, B.A.Sc, MBA

Track: Erosion and Sediment Control
Room: 200C
Type | Level: 30 Minute Presentation | All: Suitable for a Broad Audience
PDH: 0.5

SWPPP Design in 3D
Meghan Litsey, CPESC; Joel Sundeen

Track: Erosion and Sediment Control
Room: 200IJ
Type | Level: 30 Minute Regional [Great Lakes Region] | Intermediate | Advanced
PDH: 0.5

TECHNICAL TRAINING

2:10 – 3:00 PM

Finance Committee Meeting
Don Theiman & Jonathan Koepke (Committee Chairs); Simin Cyrus (IECA Staff Liasion)
Room: 202A
Type | Level: Committee Meeting

Acceptable Phosphate and Nitrate Levels in StormWater via Regional And/or Local Approaches
Corydon Coopola, CPESC
Track: Stormwater Management
Room: 200D
Type | Level: Workshop | All: Suitable for a Broad Audience
PDH: 1

Bee Informed: Case Studies on Handling the Presence of Threatened and Endangered Species on Construction Project Sites
Rebecca Forman, Ph.D., CSE; Andrea Sampson, MS Conservation Biology
Track: Regulations/Compliance
Room: 200IJ
Type | Level: Regional [Great Lakes Region] | All: Suitable for a Broad Audience
PDH: 1

Design the Change: Reno Mattress Plus
Stefano Rignanese, MS
Track: Wetland, Stream Bank, and Shoreline Restoration
Room: 200F
Type | Level: Product Case Study | All: Suitable for a Broad Audience
PDH: 1

Flocculant Dosage Guidance for Construction Stormwater Treatment
Billur Kazaz, MS
Track: Erosion and Sediment Control
Room: 200C
Type | Level: Technical Paper | All: Suitable for a Broad Audience
PDH: 1

Memorial Park Land Bridge and Prairie – If We Build It, Will They Come?
John Moss; Randy Odinet; Sarah Newbery
Track: Erosion and Sediment Control
Room: 200H
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

Reducing Plastic in Erosion and Sediment Control Products
Ken Graeve
Track: Erosion and Sediment Control
Room: 200AB
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

Using PAM to Build and Maintain Artificial Ponds
Eddie Snell
Track: Erosion and Sediment Control
Room: 200G
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

2:45 – 3:15 PM

Demo: Equipment for Experiments in Erosion and Sediment Control
John A. Chapman, Ph.D.; Andy Erickson, Ph.D., PE
Track: Erosion and Sediment Control
Room: Expo Hall - Learning Zone
Type | Level: IECA Learning Zone | All: Suitable for a Broad Audience

3:15 – 3:45 PM

IECA Annual Meeting
Nicky Araujo, PE (IECA President); Samantha A. Roe, IOM (IECA Chief Executive Officer)
Room: 200AB

4:00 – 5:00 PM

Great Lakes Chapter Meeting
Matthew M. Welch, CPESC, CESSWI
Room: IECA Expo Hall, Demo Area

Great Rivers Chapter Meeting
Paul Mueller, CESSWI
Room: IECA Expo Hall, Demo Area

Iberoamerica Chapter Meeting
Francisco Urueta
Room: 202A

Mid-Atlantic Chapter Meeting
Gerry Hammel
Room: 200IJ

Mountain States Chapter Meeting
Room: 202A

Northeast Chapter Meeting
Eric S. Steinhauser, MS, PE, CPESC, CPSWQ
Room: 200D

South Central Chapter Meeting
Sonny Johns, MS, CPESC
Room: 202F

Southeast Chapter Meeting
J.P. Johns, PE
Room: The News Room (Off-site)

Western Chapter Meeting
Melanie E. Sotelo, CPSWQ, CPESC, ToR-CGP, QSD/P
Room: 200G

Erosion Control

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We've Got You Covered

Thinking Locally

FRIDAY, FEBRUARY 18

	200AB	200C	200D	200F
8:00 – 9:00 AM	Erosion and Sediment Control on Long Slopes	I Was Wrong. And You Probably Were Too.	My Erosion Control Failed: How Bad Is It? Sediment Characterization and Forensic Wetland Delineation	
9:10 – 9:40 AM	The Importance of Soil Testing in Erosion Control Projects	Erosion and Sediment Control Fails and Alternatives	StormWater Quality via Inlet Protection and Dewatering Systems	The Use and Care of Finn Large Tank Hydroseeders for Optimum Performance
9:50 – 10:50 AM	Water Quality: Steps for Understanding and Implementing an NPDES Monitoring Program		Performance Tracking of an In-Channel Sediment Basin During Large-Scale Testing	Design of Erosion Control Systems with Concrete and Geosynthetic Products
11:00 – 11:30 AM			BMP Maintenance for Dummies (That Includes Me)	Advances in Coastal and Streambank Erosion Protection
1:00 – 4:00 PM				

200G	200H	200IJ	OTHER
Biofiltration Media: What to Choose and Why	Dam Sediments: Over, Under or Through?	Using the Visual Quality Management/Manual (VQM) Process to Include Permanent Stormwater Facilities	
Basics of BMP Installation	TPDES MSGP Permit Renewal: How to Properly Prepare for and Perform Site Visits for Industrial Stormwater Pollution Prevention Plan Updates	Minnesotans.... Why They Are Strong Leaders in the Erosion World	Education Committee Meeting (202A)
A Tale of Two Filters: Amending Filtration Media with Biochar to Remove Bacteria from Urban Stormwater	Watershed-Wide Solutions for Channel and Slope Stabilization in Saint Paul	Permeameter Testing of Sediment Control Logs and Sediment Retention of Multiple Filter Media Types	Chapter President's Council Meeting (202A) Vendor Showcase - American Excelsior: Curlex® to TriNet® Curlex® (10:00 – 10:20 AM Expo Hall) Erosion Control Technology Council - Vendor Showcase (10:30 – 11:20 AM Expo Hall)
LID in Connecticut – Are Designs Improving?	Using Compost in Post Construction Soils: Compost Source and Rate Alter Soil Improvements	Superoxide Treatment: The Silver Bullet	Demo: Equipment for Experiments in Erosion and Sediment Control (11:15 – 11:45 AM Expo Hall)
			Field Tour (St. Anthony Falls Laboratory, University of Minnesota)

TECHNICAL TRAINING

FRIDAY, FEBRUARY 18

8:00 – 9:00 AM

Biofiltration Media: What to Choose and Why
Andy Erickson, Ph.D., PE

Track: Stormwater Management
Room: 200G
Type | Level: Workshop | All: Suitable for a Broad Audience
PDH: 1

Dam Sediments: Over, Under or Through?
Craig S. Benson, MS, CWS

Track: Stormwater Management
Room: 200H
Type | Level: Workshop | All: Suitable for a Broad Audience
PDH: 1

Erosion and Sediment Control on Long Slopes
Bob R. Marshall, CPESC RLA

Track: Erosion and Sediment Control
Room: 200AB
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

I Was Wrong. And You Probably Were Too. *IECA 2021 Annual Conference Speaker of the Year, Andrew Macleod, CPESC, CPSS*

Track: Erosion and Sediment Control
Room: 200C
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 1

My Erosion Control Failed: How Bad Is It? Sediment Characterization and Forensic Wetland Delineation
Daniel DeJoode, Ph.D.

Track: Stormwater Management
Room: 200D
Type | Level: Workshop | All: Suitable for a Broad Audience
PDH: 1

Using the Visual Quality Management/Manual (VQM) Process to Include Permanent Stormwater Facilities
Dwayne L. Stenlund, CPESC

Track: Stormwater Management
Room: 200IJ
Type | Level: Regional [Great Lakes Region] | Advanced
PDH: 1

9:00 AM – 1:30 PM

Expo Hall Hours
Room: Expo Hall

9:10 – 9:30 AM

The Use and Care of Finn Large Tank Hydroseeders for Optimum Performance
Ron Ciolfi, CPESC; Randy Olmstead

Track: Erosion and Sediment Control
Room: 200F
Type | Level: Product Case Study | All: Suitable for a Broad Audience
PDH: 0.5

9:10 – 9:40 AM

Education Committee Meeting
Dennis Richards, PE, D.WRE, F.EWRI, F.ASCE (Committee Chair); Joanna Fetherolf, CMP (IECA Staff Liasion)

Room: 202A
Type | Level: Committee Meeting

Basics of BMP Installation
Sonny Johns, MS, CPESC

Track: Erosion and Sediment Control
Room: 200G
Type | Level: 30 Minute Presentation | Beginner
PDH: 0.5

Erosion and Sediment Control Fails and Alternatives
Paul Mueller, CESSWI

Track: Erosion and Sediment Control
Room: 200C
Type | Level: 30 Minute Presentation | Beginner
PDH: 0.5

Minnesotans.... Why They Are Strong Leaders in the Erosion World
Vicky L. Dosdall; Dwayne L. Stenlund, CPESC; Greg T. Berg; John A. Chapman, Ph.D.; Leo Holm, PE

Track: Erosion and Sediment Control
Room: 200IJ
Type | Level: 30 Minute Regional [Great Lakes Region] | All: Suitable for a Broad Audience
PDH: 0.5

StormWater Quality via Inlet Protection and Dewatering Systems
Corydon Coppola, CPESC

Track: Stormwater Management
Room: 200D
Type | Level: Workshop | All: Suitable for a Broad Audience
PDH: 0.5

The Importance of Soil Testing in Erosion Control Projects
Lauren M. Deem, MS

Track: Erosion and Sediment Control
Room: 200AB
Type | Level: 30 Minute Presentation | Beginner
PDH: 0.5

TPDES MSGP Permit Renewal: How to Properly Prepare for and Perform Site Visits for Industrial Stormwater Pollution Prevention Plan Updates
Nathan T. Collier, CPESC, CESSWI; Matt Klaser, CESSWI, CPESC

Track: Regulations/Compliance
Room: 200H
Type | Level: 30 Minute Presentation | All: Suitable for a Broad Audience
PDH: 0.5

9:50 – 10:50 AM

Chapter Presidents Council Meeting
Adam Dibble, CPESC, CESSWI (Committee Chair); Cassy Hemmen (IECA Staff Liaison)

Room: 202A
Type | Level: Committee Meeting

A Tale of Two Filters: Amending Filtration Media with Biochar to Remove Bacteria from Urban Stormwater
Edward Matthiesen, PE, MCE, MBA; Justine Dauphinais, MA

Track: Stormwater Management
Room: 200G
Type | Level: Workshop | Intermediate
PDH: 1

Design of Erosion Control Systems with Concrete and Geosynthetic Products
Keith Brooks, PE; Cody Colvin, PE

Track: Erosion and Sediment Control
Room: 200F
Type | Level: Product Case Study | Intermediate | Advanced
PDH: 1

Performance Tracking of an In-Channel Sediment Basin During Large-Scale Testing
Jaime C. Schussler, MS, CPESC IT, EIT

Track: Erosion and Sediment Control
Room: 200D
Type | Level: Technical Paper | All: Suitable for a Broad Audience
PDH: 1

Permeameter Testing of Sediment Control Logs and Sediment Retention of Multiple Filter Media Types
John A. Chapman, Ph.D.; Bruce N. Wilson

Track: Erosion and Sediment Control
Room: 200IJ
Type | Level: Regional [Great Lakes Region] | All: Suitable for a Broad Audience
PDH: 1

Water Quality: Steps for Understanding and Implementing an NPDES Monitoring Program
Juliana Morelli, PG, REM, CPESC, CESSWI

Track: Stormwater Management
Room: 200AB
Type | Level: Workshop | Intermediate
PDH: 1

Watershed-Wide Solutions for Channel and Slope Stabilization in Saint Paul
Nathan Campeau, PE, ENVSP; Joe Barten, CPSWQ

Track: Erosion and Sediment Control
Room: 200H
Type | Level: Case Study | Intermediate
PDH: 1

10:00 – 10:20 AM

Vendor Showcase - American Excelsior: Curlex® to TriNet® Curlex®
Eric Marsal, CSI CDT, LEED GA

Track: Erosion and Sediment Control
Room: Expo Hall - Learning Zone
Type | Level: IECA Learning Zone | Intermediate
PDH: 0.5

10:30 – 11:20 AM

Erosion Control Technology Council - Vendor Showcase
Jon Curry

Track: Erosion and Sediment Control
Room: Expo Hall - Learning Zone
Type | Level: IECA Learning Zone | All: Suitable for a Broad Audience
PDH: 0.5

11:00 – 11:30 AM

Advances in Coastal and Streambank Erosion Protection
Kevin H. Coyle

Track: Erosion and Sediment Control
Room: 200F
Type | Level: Product Case Study | All: Suitable for a Broad Audience
PDH: 0.5

BMP Maintenance for Dummies (That Includes Me)
Paul Chellsen, CPESC, CPSWQ

Track: Stormwater Management
Room: 200D
Type | Level: 30 Minute Presentation | All: Suitable for a Broad Audience
PDH: 0.5

LID in Connecticut – Are Designs Improving?
Steven Trinkaus, PE

Track: Stormwater Management
Room: 200G
Type | Level: Case Study | All: Suitable for a Broad Audience
PDH: 0.5

Superoxide Treatment: The Silver Bullet
Todd E. Hubmer, PE; Derek Benoy, PE

Track: MS4 Management
Room: 200IJ
Type | Level: 30 Minute Regional [Great Lakes Region] | Advanced
PDH: 0.5

Using Compost in Post Construction Soils: Compost Source & Rate Alter Soil Improvements
Christina Kranz, Ph.D.; Richard A. McLaughlin, Ph.D.

Track: Stormwater Management
Room: 200H
Type | Level: 30 Minute Presentation | Advanced
PDH: 0.5

11:15 – 11:45 AM

Demo: Equipment for Experiments in Erosion and Sediment Control
John A. Chapman, Ph.D.; Andy Erickson, Ph.D., PE

Track: Erosion and Sediment Control
Room: Expo Hall - Learning Zone
Type | Level: IECA Learning Zone | All: Suitable for a Broad Audience

11:30 AM – 1:30 PM

Taste of Minneapolis - Lunch
Room: Expo Hall

1:00 – 4:00 PM

Tour of the St. Anthony Falls Laboratory, University of Minnesota*
Andy Erickson, Ph.D., PE

Track: Field Tour
Room: Off Site
Type | Level: Field Tour | All: Suitable for a Broad Audience
PDH: 3

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IECA International Erosion Control Association EMERALD MEMBER

Contact: Tim Lancaster: 812-483-1532
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TASTE OF MINNEAPOLIS MAP

Food Station	Location
Station One | Beer Cheese Soup Shooter & Juicy Lucy Burger Bite **(Sponsored by CMS Environmental Solutions)**	521
Station Two | Swedish Meatballs, Asparagus/Smoked Turkey Canapé, Petite Corn Dogs, Salami Skewer & Walleye Cakes **(Sponsored by Bolton & Menk)**	1043
Station Three | Deli Sandwich Board **(Sponsored by Gripple, Inc.)**	209
Station Four | Mini Desserts **(Sponsored by Inland Tarp & Liner)**	733

EXPO HALL MAP

EXPO HALL EVENTS

In addition to learning about the latest products, services and cutting-edge technology in the industry, we have other events happening in the Expo Hall to help you network with peers, learn about the latest industry research and see demonstrations.

Ribbon Cutting Ceremony
February 16 | 4:00 PM

Welcome to Minneapolis | 2022 Expo Hall Opening Reception
February 16 | 4:00 PM – 6:00 PM
Join us for the 2022 IECA Expo Hall Opening Reception Ribbon Cutting Ceremony at 4:00PM, then stroll the Exhibit Hall viewing the latest innovation in the industry. Say hello to old friends, meet new friends in this high-energy kick off to the 2022 IECA Annual Conference. Be sure to stop by our Reception Sponsor's booths, L&M Supply Company Inc., Booth #725 and Profile Products LLC, Booth #301.

This year's event will feature a favorite game amongst the locals - Hammer-Schlagen®. Simply put, hit your nail into the log first. Game sponsored by the IECA Great Lakes Chapter and the Minnesota Erosion Control Association.

IECA Learning Zone/Contractors' Corner
February 17 | 9:30 – 11:30 AM
All conference attendees are invited to join presentations geared towards contractors. Listen and comment on what works and what doesn't.

Lunch in Expo Hall (sponsored by Mat, Inc.)
February 17 | 11:30 AM – 1:30 PM

IECA Learning Zone /Vendor Showcase
Attend the vendor showcase for a short 20-minute product demonstration/discussion from supporting vendors.

February 17 | 12:00 – 1:50 PM
- 12:00 – 12:20 PM | American Excelsior Vendor Showcase: Curlex Bloc for Filtration and Other Uses
- 12:30 – 12:50 PM | Applied Polymer Systems Products: Past, Present and Future
- 1:00 – 1:20 PM | Profile Products Product Showcase - Biotic Soil Erosion Control Technologies
- 1:30 – 1:50 PM | Suståne Natural Fertilizer Introduces FOUNDATION

February 18 | 10:00 – 11:20 AM
- 10:00 – 10:20 AM | American Excelsior Vendor Showcase: From Curlex® I to TriNet® Curlex® – A Case History of Erosion Control Evolution
- 10:30 – 11:20 AM | Erosion Control Technology Council

IECA Demo Space – Equipment for Experiments in Erosion and Sediment Control
The Learning Zone will include a demo of several pieces of equipment used for experiments in erosion and sediment control. The equipment available will include a recirculating flume, river modeling table and rain fall simulator.
- February 17 | 12:45 – 1:15 PM | 2:45 – 3:15 PM
- February 18 | 11:15 – 11:45 AM

Taste of Minneapolis – Lunch in Expo Hall
February 18 | 11:30 AM – 1:30 PM
Say farewell to IECA Annual Conference exhibitors. Supporting sponsors will be hosting food kiosks sampling Minneapolis' favorite food at their booths. Grab a bite of food before taking off at one of the following kiosk locations.
- Bolton & Menk 1043
- CMS Environmental Solutions 521
- Gripple, Inc. 209
- Inland Tarp & Liner 733

Poster Presentations: IECA University Partner students will present research and case studies in these fast-paced five minute presentations inside the IECA Town Hall on Thursday, February 17 from 12:00 – 1:30 PM.

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POSTER PRESENTATIONS

IECA University Partner students will present research and case studies in fast-paced 5 minute presentations inside the IECA Town Hall on Thursday, February 17 at 12:00 PM. University Partner students participate throughout the conference as session moderators.

2021 Adirondack Aquatic Invasive Species Surveys: Early Detection Team
Lura Johnson – Montana State University, Western Transportation Institute

Compost Incorporation: A Solution To Soil Erosion And Stormwater Management In Urban Soils?
Md Mahfuz Islam, Ph.D. – North Carolina State University

Construction Methods For Large-Scale Rainfall Simulator
Jacob Etheridge – Auburn University

Evaluation Of Rock Check Dam Configurations Using Large-Scale Testing Techniques
Megan Armstrong – Auburn University

Full-Scale Performance Evaluation Of Slash Mulch Berms As A Sediment Barrier Practice
Brian Roche – Auburn University

Hydraulic Modeling of Vegetation Restoration and Disturbance in Alvarado Creek
Trevor K. Eckermann, EIT – San Diego State University

Hydraulic Performance Evaluation Of Wattle Encasement And Density Used For Erosion And Sediment
Jannell E. Clampitt – Auburn University

Impacts Of Corridor H Construction On The Beaver Creek Watershed
Callie Ferrell – West Virginia University

In-Channel Sediment Basins: Innovative Or Ineffective? A Large-Scale Research Study At The Auburn University Stormwater Research Facility
Jaime C. Schussler, M.s., CPESC IT, EIT – Auburn University

Modeling The Effects Of Fire And Vegetation Management On Flooding And Sediment Transport In An Urban Stream System
Danielle Hunt, BS, Pursuing MS – San Diego State University

Runoff And Soil Erosion Under Different Soil Surface Roughness
Sophia Bahddou, Engr, MSc – Cranfield University

Skimmer Flow Rate Testing And Size Selection
Collin D. Sharpe – Auburn University

Soil Loss Risk Assessment For Construction Application
Billur Kazaz, MS – Auburn University

Understanding Solids Loading In Minnesota Stormwater
Aaron Pietsch – University Of Minnesota

EXHIBITOR LISTING/BOOTH NUMBER

ABASCO, LLC 607
Advanced Drainage Systems 103
Aer-Flo Environmental 515
AIRE Environmental 600
American Excelsior Co. 406
Apex Seeders 419
Applegate Mulch 714
Applied Polymer Systems 216
AquaBlok, Ltd. 217
Blocksom & Co 221
BMP Supplies Inc 614
Bowie Industries, Inc 407
C.E. Shepherd Company 820
Campbell ESC 606
Cardno Native Plant Nursery 219
Carolina Precision Fibers Inc 519
CISEC, Inc. 818
CloudCompli 417
CMS Environmental Solutions 521
Coir Board, Government of India ..... 105, 106, 107, 116, 119, 122 & 605
Concrete Canvas US Inc. 517
CULTEC, Inc 108
Dandy Products, Inc 702
E-Tube Filter Sock 814
Eco Fabriks 715
Ecoturf Midwest, Inc 721
Envirolok 320
Env. & Dewatering Solutions, LLC 117
Erosion Control Technology Council 707
ERTEC Environmental Systems 731
Ferguson 501
Filtrexx 401
Finn Corporation 716
Flexamat 307
Flo-Water 112
Gator Guard Env. Products, Inc. 800
Geo Products 207
Geobrugg North America, LLC 114
Geosynthetics Magazine 120
GrassWorx LLC 100
Great Lakes Fastening 214
Gripple, Inc. 209
Heavyweight Sediment Control Sol 324
Hercules Eco 620
HMI, Hamilton Manufacturing Inc. 215
IECA - Demo Lounge 937
IECA - Learning Zone 230
IECA Town Hall 425
Industrial Fabrics 703
Informed Infrastructure 104
Inland Tarp & Liner 733
Internationale Geotextil GmbH 306
Invisible Structures 421
J. W. Faircloth & Son, Inc. 415
JEO Consulting Group, Inc 109
JRM Chemical Inc 717
Kansas Erosion/Cherokee Mfg 206
Kincaid Equipment Manufacturing 708
King Steel Fasteners 701
L & M Supply Company, Inc 725
LSC Environmental Products 601
Maccaferri, Inc 325
MacLean Civil Products 616
Marubeni America Corporation 516
Mat, Inc. 509
MiniTrencher 125
MKB Company 500
Mutual Industries 806
MWI Environmental 621
NCIF International 220
NCIF USA CORP 218
Nedia Enterprises 520
New Pig Energy 316
Nilex Inc 124
Pennington Seed, Inc. 604
Precision Dewatering, LLC 115
Premier Concrete Products 705
Presto Geosystems 700
Profile Products LLC 301
Propex 201
Rantec Corp 314
Rocky Mountain Bio Products Inc. 424
RoLanka International Inc 204
Rubberosion, Inc. 618
Shawcor 121
Silt Saver, Inc. 615
Silt Sock, Inc 315
Siltworm Inc 719
SOILTEC 224
SOX Erosion Solutions 608
Storm Water Solutions 118
Stormwater Magazine 816
StormTrap 706
SuiteIntro 110
Sustâne Natural Fertilizer, Inc. 729
SW2 518
SWPPPTrack 318
Synteen Technical Fabrics, Inc 704
Triangular Silt Dike Co Inc 102
Turfmaker Corporation 101
Typar Geosynthetics 505
UltraTech International 225
University of Minnesota 824
Upstream Technologies 832
Western Green 200
White Cap 808
Willacoochee Industrial Fabrics 709
WSB 609

MECA Pavilion

Alliant Engineering, Inc 1056
Bio Clean 1044
Bolton & Menk 1043
Erosion Products LLC 1053
Gertens Wholesale & Pro Turf Supply 1039
Lawn & Driveway Service Inc 1042
MN Erosion Control Association 1052
MN Seeding Contractors Association 1040
PaveDrain 1058
Rain Guardian 1034
R.A. Smith, Inc 1059
Ramy Turf Products 1055
SEH, Inc. 1036
SiteOne Landscape Supply 1045
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SOILTEC GmbH
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HMI, Hamilton Manufacturing Inc.
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StormTrap

Organizations/Trade Publications/ Websites
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International Erosion Control Association
Informed Infrastructure
Minnesota Erosion Control Association
Minnesota Seeding Contractors Association
Storm Water Solutions
Stormwater Magazine

Other
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Ecoturf Midwest, Inc.

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Invisible Structures
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Silt Fencing
Flo-Water
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(800) 242-7745
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Sediment Control, Oil Spill & Waste Water Products | ABASCO, LLC manufactures a full line of turbidity/silt barriers to include Type I, Type II & Type III Turbidity Curtains with numerous special options and designs available for special applications. Oil Spill Products include boom, barriers, skimmers and other items. Waste Water Products including lagoon baffles, clear well baffles, tank baffles, aquatic barriers, and debris barriers.

Advanced Drainage Systems
4640 Trueman Blvd.
Hilliard, Ohio, 43026
(614) 658-0153
http://adspipe.com
lisa.schwotzer@ads-pipe.com
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Advanced Drainage Systems (ADS) is focused on drainage products and services that deliver solutions for the most persistent and challenging water management problems. From safely pre-treating and managing stormwater runoff, to helping developers and property owners harvest rainwater, we focus on the development of water solutions that make land more arable, cities more livable & the world a greener place to live.

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(941) 747-4151
www.aerflo.com
scottf@aerflo.com
Booth 515
Aer-Flo is the world's largest producer of turbidity barriers, all of which are sold through a network of the industry's best construction supply distributors. Aer-Flo's short lead times, superior quality and large inventory provide unmatched support to our distributors and their customers.

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Headquartered in Meridian, Idaho, AIRE Environmental has been serving the industrial and military markets since 2001. Our environmental products include a large catalog of spill containment berms, flexible bladders for potable and waste water, spill kits and sorbent supplies, drip protection, flood barrier diversion tubes, culvert socks/flumes, and dewatering bags. Let our knowledgeable technical support staff assist you with compliance and regulatory requirements, as well as emergency orders and custom projects.

Alliant Engineering, Inc.
733 Marquette Ave., Ste. 700
Minneapolis, Minnesota, 55402
(612) 758.308
www.alliant-inc.com
info@alliant-inc.com
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Founded in 1995, Alliant has grown from a company with one employee into an organization of diverse professionals. Our engineers, landscape architects, planners, and surveyors all bring unique perspectives to every project. Their diverse backgrounds allow them to find solutions to complex problems. Today, as an established employee-owned company, we maintain a commitment to excellence, collaboration, and integrity, bringing value to our employees, clients, and communities.

American Excelsior Company
850 Ave. H E
Arlington, Texas, 76011
(817) 385-3500
www.curlex.com
kkelsey@AmericanExcelsior.com
Booth 406
American Excelsior is the manufacturer of Curlex® Erosion Control Blankets and other quality erosion and sediment control products. With manufacturing locations and distribution partners all across the U.S., products and personal assistance are always close to you or your job site.

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info@swxcorp.com
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Our team has a combined total of 100 years of global experience in the hydroseed and environmental spray application markets. We've got the experience to understand the challenges you face and the knowledge to provide real world solutions. We are dedicated to the industry. It's what we know and it's what we do.

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Webberville, Michigan, 48892
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www.applegatemulch.com
psimmons@applegatemulch.com
Booth 714
Applegate Manufacturing is the manufacturer of cellulose and wood fiber hydraulic mulch used for soil erosion control and vegetation establishment. Applegate Manufacturing currently operates 8 manufacturing facilities in the United States.

Applied Polymer Systems
519 Industrial Dr.
Woodstock, Georgia, 30189-3586
(678) 494-5998
www.siltstop.com
info@siltstop.com
Booth 216
Applied Polymer Systems, Inc. is the originator of Floc Log®, Silt Stop® and Pond Log® products which are innovative blends of non-toxic, anionic polyacrylamide based products used for water clarification, erosion control, soil stabilization, soil thickening, pond/lake management, and inanimate nutrient removal.

AquaBlok
175 Woodland Ave.
Swanton, Ohio, 43604
(419) 825-1325
www.aquablok.com
adurham@aquablok.com
Booth 217
AquaBlok, Ltd. manufactures a Composite Bentonite Aggregate system used in civil/geotechnical applications as a low-permeability seal to mitigate seepage and repair leaking infrastructure. The system consists of stones coated with sodium bentonite using a non-toxic binder that, when hydrated, will swell and self-compact to create a resilient impervious mass. Common applications include trench dams / anti-seep collars for pipes, dam and levee enhancement, pond lining and sealing, and many types of infrastructure repairs.

Bio Clean
398 Via El Centro
Oceanside, California, 92058
(855) 566-3938
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stormwater@forterrabp.com
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Bio Clean has served the stormwater community for over 20 years, providing our customers with solutions to meet any stormwater challenge. We are recognized for our superior treatment devices, from industry-leading biofiltration, separators, membrane filters, to stormwater management and detention systems; as well as our elite engineering and project management services. Contact us today for a private lunch and learn or project review session today and get focused insight to meet your stormwater goals.

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(219) 878-4455
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eric.pearman@blocksom.com
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Blocksom Inlet Filter is a cost-conscious and highly effective inlet protection BMP for construction-phase NPDES II compliance. Presented by Blocksom & Co., a diversified manufacturer of nonwoven natural fiber products.

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Surrey, British Columbia, V3Z3S9
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jefflindemulder@bmpsupplies.com
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BMP Supplies is a manufacturer and dependable supplier of innovative environmental products for the construction industry. These products include our patented line of Curb Inlet and Catch Basin protection, Erosion Control and Sediment Control products, Turbidity Curtains, Sandless Sandbags, and a full line of Absorbents and Spill Kits. Our service area reaches from Alberta and British Columbia to Seattle, Washington, Florida and beyond.

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(612) 360-1282
www.bolton-menk.com
Todd.Hubmer@bolton-menk.com
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Bolton & Menk, Inc. specializes in providing public infrastructure solutions. We take care of our clients by providing quality services and the right solutions for their needs. Our team is made up more than 650 employees including a professional staff of more than 250 engineers, planners, landscape architects, and surveyors. From advocating for our communities to designing their dreams to finding funding; we take pride in our work because we live in these same communities.

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Bowie Industries has been manufacturing Hydro-Mulching equipment for over 50 years. All sizes were designed specifically for mixing, pumping and spraying thick slurries of all types of BFMs, FGMs, paper and wood mulches. Sizes from 300 to 3000 gallons. Also, the manufacturer of the Bowie Pump for handling difficult to pump liquids and slurries.

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(864) 256-1375
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kellyn@campbellesc.com
Booth 606
Campbell ESC is representation company specializing in stormwater and erosion control products. We represent specifically Rymar Waterworks' skimmers and AbTech Industries' stormwater treatment.

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(574) 586-2412
www.cardnonativeplantnursery.com
nurserysales@cardno.com
Booth 219
Our full-service native plant nursery, located in Walkerton, Indiana, can immediately provide native plant and seed material, from wetland and prairie seed mixes to the deep-rooted native plants critical for shoreline stabilization and erosion control. We also provide natural coir bioengineering materials that can be prevegetated with appropriate native species to help advance ecological restoration and stabilization work.

Carolina Precision Fibers Inc.
145 Factory St.
Ronda, North Carolina, 28670
www.carolinafibers.com
djbenham@aol.com
Booth 519
Carolina Precision Fibers Inc. is a manufacturer of erosion control products located in Ronda North Carolina. High quality hydromulches and BFM's are produced which meet and exceed all requirements of the end user. All products are produced with the best raw materials available. Mulch & Grow products are a great value.

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PO Box 188
Parker, Colorado,
80134
(720) 235-2783
www.cisecinc.org
cdh_renewals@cisecinc.org
Booth 818
The nationwide CISEC program is the most comprehensive inspector sediment and erosion control training and certification examination available within North America for qualified individuals having at least 2-years of inspection experience. Currently, CISEC, Inc. has more than 2,000 registrants in the United States and over 400 Canadian registrants.

CloudCompli
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www.cloudcompli.com
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Booth 417
We are a cloud-based environmental compliance software. CloudCompli was founded in June of 2014 to provide a solution for municipalities, construction and industrial companies and stormwater consultants that need a simple and effective method to comply with stormwater management and regulations.

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+91 484 2351900
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Coir Board is a Government of India Organization set up for the overall development of the Indian coir industry. Coir is natural, eco-friendly, reusable, recyclable & 10% biodegradable and coir geotextile is used for improving soil behavior, preventing soil erosion and helping consolidation of soil.

Concrete Canvas US Inc.
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(832) 864-2946
www.concretecanvas.us
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Created specifically for erosion control, containment and shelter applications, Concrete Canvas® (CC) products are part of a revolutionary class of new, innovative materials called Geosynthetic Cementitious Composite Mats (GCCMs). CC is a flexible, concrete filled geosynthetic which provides a thin and durable concrete layer when hydrated. Typically, 10-times faster to install than conventional concrete solutions; essentially, it's Concrete on a Roll™.

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(203) 775-4416
www.cultec.com
tabbott@cultec.com
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CULTEC, Inc. manufactures stormwater and septic chambers for commercial and residential construction projects. The company prides itself on research and design and places a strong emphasis on product development. CULTEC's worldwide presence includes chamber installations throughout the United States, Canada, Europe, South America, and the Caribbean. The company also offers design assistance, customer support, and computer-assisted design capability.

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(800) 591-2284
http://dandyproducts.com
dlc@dandyproducts.com
Booth 702
Dandy Products is the nation's leading manufacturer of sediment control and inlet protection products. Our bright orange Dandy Bag®, Dandy Curb Bag®, Dandy Sack®, Dandy Curb Sack®, Dandy Curb® and Dandy POP® have been a staple on construction sites around the country for over 20 years.

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g.baker@soil-tek.com
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E-Tube Filter Sock is a provider of a variety of proven and effective erosion control products. We build loyalty from our customers by providing excellent service and products with competitive pricing. Our products meet the needs of storm water suppliers and end users in the erosion control industry. At e-tube filter sock you will have access to our experience in the industry for over 20 years as installers of erosion control products ourselves.

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(877) 264-7628
www.ecofabriks.com
info@ecofabriks.com
Booth 715
Manufacturer and supplier of soil stabilization matting and coir logs

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(630) 350-9500
www.ecoturfmidwest.com
info@ecoturfmidwest.com
Booth 721
Ecoturf Midwest is a family-owned company located just west of Chicago. All of its products are produced and sourced in the U.S. Ecoturf's previous owners utilized new technologies in the mid-1990s to create biodegradable stake options using recycled plastics for the turf, sod and golf course industries. The Staple Ease Staple Installation Tool installs staples right in a fraction of the time for either Biodegradable Stakes or Standard Steel Staples.

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www.envirolok.com
ecosolutions@envirolok.com
Booth 320
Stabilizing slopes and water channels with traditional erosion control solutions can be challenging and costly. Envirolok is a long-term, sustainable alternative that is cost effective and easy to install. Partner with the world's most sought-after permanent vegetative solution. From site evaluation to engineering and installation support, we work with you to create a lasting solution.

Environmental & Dewatering Solutions, LLC
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Eau Claire, Wisconsin, 54703
(715) 874-4510
http://EDSLLC.com
sgrice@edsllc.com
Booth 117
Environmental & Dewatering Solutions, LLC, (EDS) was established by leaders in the infrastructure industry with years of construction experience on projects of all sizes. EDS offers a large selection of environmental controls, dewatering equipment, tools and safety supplies to equip your project from front-end controls to restoration. With a focus on diverse suppliers and sourcing products made in the USA, EDS will provide product recommendations that will make your construction project a success.

Erosion Control Technology Council (ECTC)
PO Box 14354
Madison, Wisconsin, 53708
(608) 642-1370
www.ectc.org/
jcurry@ectc.org

EXHIBITOR DIRECTORY

Booth 707
The Erosion Control Technology Council (ECTC) is a non-profit organization. Its mission is to develop performance standards, uniform testing procedures, and guidance on the application and installation of hydraulic erosion control products (HECPs), rolled erosion control products (RECPs), and sediment retention fiber rolls (SRFRs). The ECTC promotes the use of erosion control products through industry leadership and education.

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(952) 446-1505
www.erosionproductsllc.com
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Booth 1053

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ERTEC manufactures revolutionary erosion, sediment and wildlife control systems with twice the performance, half the total cost and ZERO Waste. Compared to traditional solutions such as silt fence and wattles, ERTEC's sediment control technology significantly reduces unlawful sedimentation to global waterways and post-construction waste to landfill.

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del.fuller@ferguson.com
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Filtrexx manufactures a variety of BMPs for construction and post-construction applications. Makers of the original compost filter sock, Filtrexx SiltSoxx®. Filtrexx has an extensive network of partners and distributors to serve customers across the globe. Filtrexx also offers Installation Services of BMPs in select regions. Contact us to find a distributor, inquire about joining our distribution network, or to work together on your next project.

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(800) 542-7166
www.finncorp.com
mdonley@finncorp.com
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From our Straw Blowers which launched a new industry to our market leading HydroSeeders®, Bark & Mulch Blowers, and Ground Preparation Attachments, our diverse product lines open up a wide array of possibilities and savings. Increased productivity, greater job opportunities, less labor needed, and material savings are just a few ways FINN machines can help improve your bottom line.

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(513) 772-6689
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matt@flexamat.com
Booth 307
Flexamat® is a permanent erosion control mat utilized for stabilizing slopes, channels, low water crossing, inlet/outlet protection, and shorelines. It consist of concrete blocks (6.5″ x 6.5″ with a 2.25″ profile) locked together and embedded into a high strength geogrid. There is 1.5″ spacing between the blocks that gives the mat flexibility and allows for optional vegetation growth. The mat is packaged in rolls, making transporting and installing Flexamat® efficient.

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(515) 577-6763
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Gator Guard Manufactures 98% Effective Sediment Control Wattles for use in the dirt and NEW Weighted Wattles for hard surfaces, Foam Logs for Containment Berms, Ditch Checks, Check Dams, Channels, Diversions, Tube Steps and Drain Inserts.

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www.geoproducts.org
abear@geoproducts.org
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Geo Products specializes in offering high-quality polyethylene products; EnviroGrid Geocell and EnviroGuard Liner. Since 1990, EnviroGrid® has been manufactured for erosion control and stabilization solutions. As an industry leader with projects worldwide, Geo Products is committed to providing innovative solutions backed by an extensive technical design platform.

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www.geosyntheticsmagazine.com
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Geosynthetics magazine is the flagship magazine of the Geosynthetics Material Association. Printed 6 times a year, Geosynthetics magazine is your primary source for geosynthetics information.

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wholesale@gertens.com
Booth 1039
Gertens Wholesale is an industry leading distributor of nursery stock, landscape supplies, professional turf products & erosion control products. Gertens is located in the Twins Cities area of Minnesota, with several locations to choose from for convenient pickup or delivery.

GrassWorx LLC
2381 Centerline
Industrial Dr.
St Louis, Missouri, 63146
Booth 100
InstaTurf® Hybrid-Turf Instant Armor Mats utilize simulated turf to protect, establish, and permanently reinforce natural vegetation. Providing rock-solid erosion protection from day one of installation, InstaTurf mats are a viable, lower-cost vegetative alternative to rock riprap for armoring drainage channels, shorelines, slopes and outfall areas against today's more frequent, high-intensity storm events. InstaTurf ShearForce10™ and ShearForce12™ Instant Armor Mats are manufactured by GrassWorx® LLC.

Great Lakes Fastening
2810 Hoitt Ave.
Knoxville, Tennessee, 37917
(877) 969-0031
www.glfast.com
vahan@glfast.com
Booth 214
Great Lakes Fastening is a family owned business located in Knoxville, TN. We distribute and manufacture hog rings, staples, nails and tools that surpass industry standards, as well as custom solutions for the fastener industry.

Gripple Inc.
1611 Emily Ln.
Aurora, Illinois, 60502-7802
(630) 406-0600
www.gripple.com/us/us/
grippleinc@gripple.com
Booth 209
Gripple manufactures infrastructure solutions for slope reinforcement, soil retention, stormwater containment & storm surge protection. Our Terra-Lock® ground plates & anchors provide immediate stabilization with no crimping. Pre-assembled kits are specific to the geotechnical conditions. Plates secure TRM & HPTRM matting, aiding vegetation re-growth. Anchors provide drive efficiency & max load capacity. Our TL-TA high-load anchoring pin is up to 10x quicker to install and ensures close contact between the matting & soil.

Heavyweight Sediment Control Solutions
4680 Pell Dr.
Sacramento, California, 95838
(916) 922-9222
http://durawattle.com
contact@durawattle.com
Booth 324
Heavyweight Sediment Control Solutions manufactures the DuraWattle® - a durable, reusable sediment barrier that replaces straw wattle or silt fence. Made 100% in the USA, the DuraWattle® tests at 96.6% sediment retention and 58% turbidity reduction. It is versatile for many applications, whether soil, curb, or hard surfaces. Examples include perimeter control, drain inlet protection, and stockpile management. Additionally, it is created to be driven over by heavy traffic, and still be reusable over multiple jobsites or phases.

Hercules Eco
1778 S. Broadway St.
Denver, Colorado, 80210
(720) 413-9497
www.herculeseco.com
jcaveny@herculeseco.com
Booth 620
Hercules Eco produces a revolutionary back-of curb sediment control measure (CM), the Eco Block, manufactured from recycled rubber tires. The Eco Block is the most durable back-of-curb CM on the market today and withstands all the rigors of an active vertical construction site. It's the only back-of-curb CM that you can take with you from one lot to the next. Make your stormwater budgets more predictable today with the Eco Block!

Hamilton Manufacturing Inc. (HMI)
901 Russet St.
Twin Falls, Idaho, 83301-5541
(208) 733-9689
www.hmi-mfg.com
christy@hmi-mfg.com
Booth 215
HMI, Hamilton Manufacturing, Inc. is a family owned and operated hydromulch and cellulose insulation manufacturing facility since 1962. As erosion control and green building specialists, we provide service to projects in over 15 US states and 30 countries world-wide. We work hard to provide quality products and develop new or improved products that can better provide for our customers' continually changing needs and help to protect and enrich the environment and ecosystem around the world.

IECA
3033 S Parker Rd., Ste. 410
Aurora, Colorado, 80014
(303) 640-7554
www.ieca.org
info@ieca.org
Booth 425
IECA is the leading association for the stormwater, erosion and sediment control industry. We help professionals develop their skills and further their careers by providing access to unique and relevant content and exclusive member services. Our members represent over 30 countries and 22 fields of professional practice. IECA's diverse membership supplies a unique network of specialists who are capable of solving a broad range of problems caused by soil erosion and its by-product—sediment.

IECA - Demo Lounge
kim@ieca.org
Booth 937

IECA - Learning Zone
Booth 230

Industrial Fabrics, Inc.
510 O'Neal Ln. Ext.
Baton Rouge,
Louisiana, A 70819
(225) 906-2236
www.ind-fab.com
mardoin@ind-fab.com
Booth 703
IFI is a proven industry leader in erosion control solutions. Its team of professionals focuses on erosion control solutions such as Green Solutions' erosion control blankets, straw wattles, high performance turf reinforcement mats and BaseLok® soil reinforcement products. All products are manufactured in Houston Texas. IFI's team of engineers are well equipped to partner with other professionals. Offices in TX, LA, OK w/ representation in AR & MS & a network of premier distributors.

Informed Infrastructure
7402 W. Becher St.
West Allis, WI 53219
(312) 771-9818
www.informedinfrastructure.com
kcarmody@v1-media.com
Booth 104
Informed Infrastructure is the leading media outlet for civil and structural engineers. We reach 40,000 readers via our magazine, weekly eNewsletter, web site, video content, surveys and our industry leading continuing education platform.

Inland Tarp & Liner
4172 N Frontage Rd. E
Moses Lake, Washington, 98837
(800) 346-7744
www.inlandtarp.com
sales@inlandtarp.com
Booth 733
With over 40 years of experience in custom fabrication, our quality products are turned around quickly from one of three strategically located plants in the United States. Combined with our expert and personalized focus on customer needs, we provide a premium quality product built to last. In 2020, Inland Tarp & Liner introduced the ITL Reinforced Concrete Roll®, a disruptive new technology reinventing concrete for erosion control, channel, and pond lining. Learn more at: www.itlRCR.com.

Internationale Geotextil GmbH
Am Bahnof 54
Twistringen, Niedersachsen, 27239
+494243928880
www.igg.de
sales@igg.de
Booth 306
IGG offers erosion control blankets, coir / jute geotextiles and coir fiber with production plants in Germany and Sri Lanka. In cooperation with company Salix we proudly offer the AquaRockBag®. Our affiliated company A.H. Meyer Maschinenfabrik GmbH will also be represented. More than 100 years of experience in special machine construction provide the basis of our family owned company. We manufacture machines for production of erosion control blankets, straw wattles as well as conveyor systems.

Invisible Structures
3510 Himalaya Rd.
Aurora, Colorado, 8011
(303) 233-8383
http://invisiblestructures.com
sales@invisiblestructures.com
Booth 421
Since 1982 Invisible Structures has been pioneering stormwater and erosion control solutions. Our products are made in the USA from 100% recycled plastic and are ADA compliant. We offer grass and gravel porous paving, stormwater storage, erosion control systems, portable boardwalk systems and drainage systems. Our product line includes Grasspave2, Gravelpave2, Rainstore3, Slopetame3, Draincore2, and Beachrings2. We are committed to offering the strongest, most reliable products to sustain and enhance the environment.

J. W. Faircloth and Son, Inc.
PO Box 789
Hillsborough,
North Carolina, 27278
(919) 732-1244
www.FairclothSkimmer.com
cooley@fairclothskimmer.com
Booth 415
The Faircloth Skimmer® surface drain floats on the surface of the sediment basin as it fills and drains, releasing the cleanest water near the surface instead of draining muddy water from the bottom of the basin as conventional outlets do. The skimmer drains the basin slowly over several days at a constant rate to maximize settling. The adjustable orifice regulates the filling and drawdown of the basin and improves efficiency. Check out www.FairclothSkimmer.com for additional information including cut sheets, a sizing template, detailed installation instructions, and pictures.

JEO Consulting Group
1937 N. Chestnut St.
Wahoo, Nebraska, 68066
(800) 723-8567
http://jeo.com
mheller@jeo.com
Booth 109
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JRM Chemical
4881 NEO Pkwy.
Cleveland, Ohio, 44128
(216) 475-8488
www.soilmoist.com
dave@soilmoist.com
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Manufacturer of cross-linked polymers for water management in several grade sizes from 4000um to less than 75um. Available with and without timed release fertilizer in granules, powders, disks and biodegradable tea bags. Full line of linear anionic polymers that comply and are certified with ANSI/NSF 60. Available in a full range of charge densities and molecular weight. The powders, emulsions and tablets reduce soil erosion, treat turbid water and act as a tackifier in hydroseeding applications. Complete line of mycorrhizal products to increase plant growth and establishment.

Kansas Erosion/Cherokee Mfg.
150 Bridgepoint Dr.
South Saint Paul, Minnesota, 55075
(919) 480-5616
www.cherokeemfg.com
brandon.twiford@cherokeemfg.com
Booth 206
The Cherokee Manufacturing family of businesses, founded in 1940, are a full service landscaping and site supply group based in the twin cities. We specialize in geosynthetic products and erosion control materials. We have multiple distribution centers in: Canby, OR - Woodland, CA - Chula Vista, CA - La Mirada, CA - Bonham, TX - South Saint Paul, MN - Nunica, MI - McMinnville, TN - Perry, OH - Morganton, NC - Nashville, GA.

Kincaid Equipment Manufacturing
210 W. 1st St.
Haven, Kansas, 67543
(620) 465-2204
www.kincaidequipment.com
rblubaugh@kincaidequipment.com
Booth 708
Kincaid Equipment Manufacturing manufactures a complete line of hydroseeding equipment from 550 gallon hydromulchers up to the 1200 gallon machines. We also manufacture small strawblowers.

King Steel Fasteners
1800 Metamora Rd.
Oxford, Michigan, 48371
(800) 779-3762
www.hogrings.com

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mark@hogrings.com
Booth 701
King-Hughes Fasteners is a family owned USA manufacturer of hog rings and hog ring tools. Our helpful and knowledgeable staff can provide you with the right ring for your fastening needs. Our hog rings and tools are used for wattles, sandbags, silt fence, gabions, rock fall mesh, filter socks, and other types of erosion control.

L & M Supply Company
PO Box 640
Willacoochee, Georgia, 31650
(912) 534-6071
www.landmsupplyco.com/
jim@landmsupplyco.com
Booth 725
Over the past three decades, L & M Supply Company has been recognized as the leading Manufacturer & Distributor of quality of Geotextiles, Landscape Fabrics, Silt Fence and Erosion Control Products. With locations nationwide, superior pricing & outstanding technical support, L & M Supply has become the number one choice of industry professionals!

Lawn & Driveway Service Inc.
44725 175th St.
Morris, Minnesota, 56267-4576
(320) 760-9112
www.lawnanddriveway.com
lawnanddriveway@runestone.net
Booth 1042
Lawn and Driveway is a supplier of Mat Inc. Hydro Mulch, ERTEC Inlet Protection, Geotextile Fabrics, Erosion Control Blankets, Biosol Organic Fertilizer, Straw, Rock, Compost, and Wood Chip logs, wood chips, shredded bark, and also handles lawn and ditch mixes. We service the area in West Central MN and will also deliver to the MPSL/St. Paul area. Direct shipping is also available. We also do private work for homeowners such as lawn seeding and overseeding.

LSC Environmental Products
2183 Pennsylvania Ave.
Apalachin, New York, 13732
(607) 625-3050
www.LSCenv.com
sales@lscenv.com
Booth 601
LSC is a global manufacturer of products and equipment designed to address the persistent environmental challenges of erosion, odor, land reclamation, waste cover, seeding, and dust. Over 25 years ago, LSC pioneered the use of spray-applied alternate daily cover and solar powered vent flares in the solid waste industry. Since then, we have applied our unparalleled expertise in spray-applied coatings to a variety of new products, industries, and markets.

Maccaferri Inc.
10303 Governor Lane Blvd.
Williamsport, Maryland, 21795
(301) 223-6910
www.maccaferri.com/us
info@us.maccaferri.com
Booth 325
Maccaferri is a global leader of civil and geotechnical engineering applications that helps consultants, agencies and contractors with "Engineering a Better Solution." Having invented the gabion and Reno Mattresses 140 years ago, Maccaferri developed a double-twist wire mesh for hydraulic applications including erosion protection and channel lining. We strive to build partnerships through trust and collaboration within our industry community across the United States.

MacLean Civil Products
481 Munn Rd., Ste. 300
Fort Mill, South Carolina, 29715
(855) MPS-SHIP
www.macleancivilproducts.com
jtully@macleanpower.com
Booth 616
We are "Connecting People for Good" by manufacturing and supplying products for the electric utility, civil / construction and communication markets. Our product lines include engineered solutions for tension, compression and structural stabilization in any soil. With our EXCALIBUR™, DUCKBILL and MANTA RAY brands and over 90 years of experience, Maclean is the right anchoring choice for your erosion control, new construction or remediation needs.

Marubeni America Corporation
375 Lexington Ave .
New York, New York, 10017
(212) 450-0320
www.marubeniamerica.com
Nishimune-Y@marubeni.com
Booth 516
Marubeni America is master distributor of Filter Unit rock bags in North America. Made from high-performance recycled polyester, Filter Units are filled with rock and can be deployed quickly using standard equipment. Ideal for scour protection at rivers, shorelines, ports and bridges. Over 1 million units have been installed worldwide.

Mat Inc.
12402 Hwy. 2
Floodwood, Minnesota, 55736
(888) 477-3028
www.matinc.biz
pjkarpik@matinc.biz
Booth 509
Mat, Inc. is the manufacturer of quality erosion control products for the hydraulic seeding industry. Our family of products are designed to satisfy requirements from the most difficult mountain slope to an easy home lawn. Mat, Inc.'s manufacturing facilities are located in Floodwood, MN and Lenoir, NC. Both locations make the same quality products. Choose the closest location to you to ensure lower freight charges. Mat, Inc. manufactures Soil Guard (TM) which is the original BFM and we are the only company to require it be applied by Certified Applicators and comes with a company backed warrantee. Count on our family of products when consistent quality and reliability are demanded.

MiniTrencher
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Vancouver, Washington, 98684
(877) 694-0141
www.minitrencher.com
info@minitrencher.com
Booth 125
MiniTrencher manufactures and distributes GeoRipper® minitrencher and GeoRipper®T/A trenching attachment commonly used for installing silt fencing. The GeoRipperT/A trenching attachment allows you to convert a power cutter into a handheld, portable trencher and back into a concrete saw in less than 5 minutes. GeoRipperT/A fits popular Husqvarna, Stihl, or Makita cut saws and comes with EZ Kart. GeoRipper and GeoRipperT/A create a trench 2" wide and up to 27" deep. Check out GeoRipper®T/A booth #125.

MKB Company
PO Box 207
Westerville, Ohio, 43086
(888) 578-0777
https://www.mkbcompany.com
jcarlin@mkbcompany.com
Booth 500
At MKB Company we manufacture, create, and innovate high-quality products for the sediment and erosion control industry. We support our distribution clients with dedicated logistics, rapid order turnaround, and innovative high-quality products; all with the goal of supporting our clients and the end users of our products.

Minnesota Erosion Control Association (MECA)
7113 County Rd. 5
Rice, Minnesota, 56367
(320) 685-5444
http://mnerosion.org
meca@mnerosion.org
Booth 1052
Since 1988, the Minnesota Erosion Control Association (MECA) has played a key role in the evolution of effective standards and practices in stormwater management and erosion and sediment control. MECA has a proud history of highlighting the latest science, techniques and collaborative efforts in Minnesota and across the nation. In the rapidly changing environment of erosion control and stormwater management, we strive to continue these efforts today.

MN Seeding Contractors
44725 175th St.
Morris, Minnesota, 56267
www.mnseeders.org
Booth 1040

Mutual Industries
707 W. Grange Ave.
Philadelphia, Pennsylvania, 19120
(609) 868-1001
mikecolemutuaL@aol.com
Booth 806
Mutual Industries is a manufacturer of silt fence, safety fence, dewatering bagsand other construction accessories. We also sell geotextiles and erosion control materials. We have two manufacturing locations, Philadelphia, PA and Fort Myers, FL.

MWI Environmental
PO Box 1974
Cranberry, Twp PA 16066
www.mwienv.com
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(704) 907-3893
ncifgroup.com
dave.s@ncifgroup.com
Booth 220
Established in China in 2008, NCIF is now a world-class manufacturer of slit film woven geotextiles and silt fence fabrics. NCIF has met the requirements of ISO 9001 and CE product standards. We are proud of our geotextile work in the USA regarding AASHTO NTPEP evaluation. Our geotextiles are quality control tested using ASTM procedures. NCIF is an excellent choice for those companies looking to private-label our high-quality fabrics.

NCIF USA CORP
127 Fuzhou Rd.
Qingdao, Shandong 266034
China (People's Republic)
86 532 8569 7598
http://ncifgroup.com
ella.w@ncifgroup.com
Booth 218
NCIF is a world-class manufacturer of geosynthetics, industrial fabrics, and several environmental materials. Our manufacturing plants and company headquarters are in China. We are attending the IECA Conference again this year to see current and potential customers. Private-label opportunities abound between NCIF and innovative companies/partners.

Nedia Enterprises
44675 Cape Ct .
Ste 120
Ashburn, Virginia, 20147-6230
(571) 223-0200
www.nedia.com
spothen@nedia.com
Booth 520
Nedia Enterprises offers a complete line of erosion control, sediment control and bioengineering products made primarily from natural fibers. We provide innovative quality products and excellent service in the erosion control and bioengineering industry. Nedia is committed to the conservation of the environment. We believe that the proper use of our erosion control products will contribute to improved environmental function and encourage widespread use of innovative and vegetation friendly bioengineering techniques.

New Pig Energy
201 Jefferson Ave.
Tyrone, Pennsylvania, 16686
www.newpigenergy.com
Booth 316
New Pig Energy's Trenchless Curved Silt Fence is 380% more stable than super silt fence at much lower installation and material costs. The patent-pending curved design has been approved by PA DEP. Instead of trenching and post-hole digging, the base of the fence is anchored with t-posts and hydrophobic sand tubes that resist water logging and freezing. The steel hardware and sand tubes are reusable from install to install, just replace the fabric and zipties.

Nilex Inc.
15354 E. Hinsdale Cir.
Centennial, Colorado, 80112
(303) 766-2000
www.nilex.com
info@nilex.com
Booth 124
Nilex is a leader in the geosynthetics industry providing Geosynthetic Solutions for Civil and Environmental projects including Economic Alternatives for access Roads construction, Walls & Slopes, Erosion & Sediment Control, Water Management, Pipeline, Mining and Liners for Contaminated Material Management, providing customers with smart choices and proven to conventional construction practices for less money since 1977.

PaveDrain
11930 27th Ave. N.
Plymouth, Minnesota, 55441
(763) 292-0754
https://www.pavedrain.com/
jbuch@pavedrain.com
Booth 1058
The PaveDrain permeable paving system solves multiple storm water management and transportation problems all in one product. It can also tell you how much storm water is being infiltrated and when it needs to be maintained.

Pennington Seed, Inc.
1280 Atlanta Hwy.
Madison, Georgia, 30650
(434) 321-3273
www.pennington.com/pro-turf
bfarmer@penningtonseed.com
Booth 604
Pennington is known for its high-quality grass seed, but also offers erosion control solutions that complement or enhance vegetative establishments on slopes. With our wide variety of commercial products to help complete your project, Pennington aims to deliver quality, convenience and solutions.

Precision Dewatering, LLC
3314 56th St.
Eau Claire, Wisconsin, 54703
(715) 874-4510
http://PrecisionDewatering.com
Sgrice@precisiondewatering.com
Booth 115
Precision Dewatering, LLC, (PDW) is dedicated to clients' permit, workspace and budget restrictions by offering turnkey dewatering solutions for projects of all sizes in North America. With expertise beyond the pipeline industry, adaptable for all construction sectors, natural disasters and beyond, PDW provides efficient dewatering solutions and services that are environmentally compliant while minimizing lost time and resources. PDW is a union contractor, committed to working with local union halls near projects.

Premier Concrete Products, Inc.
Baton Rouge, LA, 70706
(225) 906-2236
www.premier-concrete.com
mardoin@ind-fab.com
Booth 705
Premier Concrete Products is a proven industry leader in erosion control solutions. PCP provides hard armor solutions made in Watson, LA. Its flagship products are ShoreFlex® and ShoreTec® ACB blocks. PCP's team of engineers can partner w/ others to offer better solutions. By manufacturing their products on both ends of the erosion control spectrum, PCP offers solutions to meet all aspects of the project's needs. Locations: TX, LA, OK w/representation in AR & MS.

Presto Geosystems
PO Box 2399
Appleton, Wisconsin, 54912-2399
(920) 738-1328
www.prestogeo.com
info@prestogeo.com
Booth 700
Presto Geosystems partners with engineers/consultants to solve challenging soil stability problems with the GEOWEB® system. Presto has led the geocell technology with innovative, engineered solutions for roadways, slope/shoreline, channel, and retaining wall applications. The GEOWEB 3D system offers the most complete geocell system in the industry, benefiting diverse markets including infrastructure, transportation, railroads, and green building. Presto offers free project evaluations, fast specification-building tools.

Profile Products
750 Lake Cook Rd.
Buffalo Grove,
Illinois, 60089
(847) 353-2163
www.profileproducts.com
ADibble@profileproducts.com
Booth 301
PROFILE Products LLC offers environmentally sound, site-specific solutions including soil modification, erosion control and plant establishment. As the leading manufacturer of hydraulically-applied mulch and additives, as well as ceramic conditioners to amend soil, Profile offers on-site solutions and consultation to architects, land planners, contractors, developers and municipalities. Their team of agronomists, engineers and industry experts is supported through a worldwide network of distributors.

Propex
4019 Industry Dr.
Chattanooga,
Tennessee, 37377
(800) 621-1273
www.PropexGlobal.com
kathryn.grant@propexglobal.com
Booth 201
Propex is a global leader in developing and manufacturing innovative geosynthetic and erosion control products and systems. Our engineered solutions stabilize the earth, extending the life of levees, dams, channels and other key infrastructure. At Propex we believe that creating geotechnical solutions without compromising our environment is essential to a sustainable future.

R.A. Smith, Inc.
100 W. Lawrence St.
Appleton, Wisconsin, 54911
(920) 843-5734
www.asmith.com
jeff.mazanec@rasmith.com
Booth 1059
A multi-disciplinary consulting firm delivering survey, design, and inspection services for private and public clients, R.A. Smith is also an authorized PermiTrack business partner, offering online applications to administer MS4 permits, active construction and post-construction (permanent BMP) inspection programs.

Rain Guardian/Anoka Conservation District
1318 McKay Dr. N.E.
Ham Lake, Minnesota, 55304
(763) 434-2030
www.rainguardian.biz/
jared.wagner@anokaswcd.org
Booth 1034
Rain Guardian pretreatment chambers provide a stable inlet and effective pretreatment for bioretention BMPs. Rain Guardian chambers capture 60-90% of sediment and gross solids at the inlet and can be cleaned out with nothing more than a flat-nosed shovel. Rain Guardian chambers extend the effective life of bioretention BMPs by simplifying maintenance. Our chambers for residential, commercial, and under-sidewalk applications are easy to install in both new and existing BMPs.

Ramy Turf Products
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St. Paul, Minnesota, 55104
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We provide mixes for every state agency and federal program from MnDOT & BWSR to CRP and beyond. It doesn't stop there – Profile Products for hydro-mulch, Ero-Guard for erosion blankets, WinFAB for geo-textiles – all heavy hitters in our market and all close partners to Ramy Turf Products.

Rantec Corporation
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Ranchester, Wyoming, 82839-0729
(307) 655-9565
www.ranteccorp.com
rtb@ranteccorp.com
Booth 314
Largest manufacturer and industry leader for erosion control tackifiers. Products include Super Tack, SpecTac, J3000, HF5000, EMTack and others. All products are applied with a hydraulic applicator such as a hyrdroseeder. These products can be used as stand alone or in combination with paper, wood or cotton mulch. We are the tack experts.

Rocky Mountain Bio Products Inc
10801 E. 54th Ave.
Denver, Colorado, 80239-2125
(303) 696-8960
tom@bowmanconstructionsupply.com
Booth 424
Rocky Mountain Bio Products supplies specific materials for erosion control, revegetation, and reclamation of all types of soils around the country. Our products are used in the harsh conditions where all traces of topsoil and microbial activity have been stripped away. We fix dirt by turning your dirt into productive soil that will support

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plant life, soil life, and provide a healthy, long-term growing environment. Biosol, humate and mycorrhizae have been used for over 30 years in erosion control and mine reclamation with award-winning results. Please visit our website www.wefixdirt.com for additional product and distributor information.

RoLanka International, Inc.
155 Andrew Dr., Ste. 100
Stockbridge, Georgia, 30281
(770) 506-8211
www.rolanka.com
rohini@rolanka.com
Booth 204
RoLanka, proud to be the leading supplier of technically advanced coir products for Erosion and Sediment control. They are wildlife and earth friendly. Our technical expertise and direct access to coir resources allow us to provide well-engineered, environmentally-safe and economical coir products. We hold five USA patents and several pending patents in the USA. We offer traditional coir products while giving priority to providing high performance yet economical coir products for erosion & sediment control.

Rubberosion, Inc.
12311 CR 41
Hudson, Colorado, 80642
(720) 726-6120
www.rubberosion.com
rick@rubberosion.com
Booth 618
Rubberosion is a sustainable manufacturer of erosion control and sediment control devices that are made primarily from scrap tires. The Rubberosion product suite consists of Rubber wattles/tubes, and rubber molded goods for inlet protection and vehicle tracking.

SEH Inc.
3535 Vadnais Center Dr.
St Paul, Minnesota, 55110
(320) 229-4390
www.sehinc.com
timdieke@sehinc.com
Booth 1036
At SEH, we find ways to improve water quality, water drainage and flood resiliency across a wide range of climates and topographies. From innovative water quality improvements to master drainage, to large-scale hydraulic structures and urban watercourse rehabilitation, we create the best way for water to flow.

Shawcor
7901 Xerxes Ave. S.
Minneapolis, Minnesota, T2P 2Z1
(403) 993-1090
www.shawcor.com
alexandra.petrella@shawcor.com
Booth 121
Shawcor Ltd. is a leading global company specializing in products, services and solutions for the water, energy, infrastructure and transportation markets. We continually pursue sustainable solutions that protect the environment, conserve resources and extend asset life. Headquartered in Toronto, Canada, Shawcor operates in more than 20 countries and employs approximately 5,000 people.

Silt Saver, Inc.
1200 Forrester Cemetery Rd.
Covington, Georgia, 30014
(770) 388-7818
tim@siltsaver.com
Booth 615
Each Silt Saver® product has been uniquely designed to meet specific job site requirements in sediment control management. Our products are manufactured using durable materials and high-quality fabrication methods. Contractors have realized the savings in reduced costs in areas of installation and maintenance. We offer solutions that cost less than the problems. Proudly made in the USA.

Silt Sock, Inc.
N6110 Johnson Rd.
Portage, Wisconsin, 53901
(608) 438-7625
www.siltsock.net
marketing@siltsock.net
Booth 315
Silt Sock Inc. manufactures and distributes a wide variety of erosion control products throughout the country. Everything from wood stakes to filter sock to straw blanket. In addition to finished products we also support the industry with fabric and equipment, that we manufacture, so that others can fill their own sock. Contact us today to learn more about how we can help you!

Siltworm, Inc.
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(219) 885-WORM
www.siltworm.com
justin@siltworm.com
Booth 719
Siltworm is the most cost effective, reliable, and easy to install erosion control device on the market. Our product is a ready-to-use filter device comprised of a high-quality rolled netting filled with our proprietary blend of 100% recycled, kiln-dried material. Applications include perimeter control, ditch checks, slope interruption, and inlet protection.

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MKenzler@siteone.com
Booth 1045
SiteOne Landscape Supply is the only national wholesale distributor of landscape supplies in the United States and has a growing presence in Canada. Its customers are primarily residential and commercial landscape professionals who specialize in the design, installation and maintenance of lawns, gardens, golf courses and other outdoor spaces.

SOILTEC
Neue Finien 7a
Achim, Niedersachsen, 28832, Germany
+49 4202 76700
hwww.soiltec-geosystems.com
geosystems@soiltec.de
Booth 224
Since 1984 SOILTEC Geosystems, Germany answers your needs for innovative and economical geotechnical products, environmentally sound erosion control / soil stabilization and for implementing greening projects in road construction, earthworks and architecture both public, commercial and private.
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SOX Erosion Solutions LLC
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Boca Raton, Florida, 33487
(561) 501-0057
www.soxerosion.com
info@soxerosion.com
Booth 608
SOX Erosion Solutions™ designs, manufactures, and distributes patented bioengineered erosion control systems that immediately halt shoreline and hillside erosion while promoting vegetation. We educate companies on how to spec, bid, sell and install our suite of patented bioengineered "living shoreline" erosion control systems. Our lightweight, flexible systems, SHORESOX, DREDGESOX, and SOXfence, halt erosion through our patented knitted HDPE-high density polyethylene with "RipStop" technology.

Scranton Gillette Communications Storm Water Solutions
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(847) 391-1055
www.estormwater.com
kjohns@sgcmail.com
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Storm Water Solutions provides high quality editorial content covering the latest storm water and erosion control industry developments. Subscribers include engineers, contractors, government officials and other professionals who actively design, specify, buy, operate and maintain storm water and erosion control industry equipment and services.

Stantec
733 Marquette Ave., Ste, 1000
Minneapolis, Minnesota, 55402
Booth 1054

StormTrap
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Romeoville, Illinois, 60446
(612) 391-1047
www.stormtrap.com
msheehan@stormtrap.com
Booth 706
StormTrap offers solutions for managing runoff, protecting waterways and improving the use of property. It is committed to providing cost-effective, customized water management solutions to engineers, owners, and municipalities across North America and abroad. Whether the customer is concerned about water quality, detention, infiltration or water harvesting, StormTrap has a design that will reduce their footprint, accommodate site constraints, lower overall costs and meet specific project needs.

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(724) 472-7883
www.suiteintro.com/bmpgrowth
lisa@suiteintro.com
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Sustâne Natural Fertilizers
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(507) 413-2424
www.sustane.com
gregn@sustane.com
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(720) 413-9497
www.sw2.net

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SWPPPTrack
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tsimon@SWPPPTrack.com
Booth 318
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(719) 243-7940
www.synteen.com
jon@synteen.com
Booth 704
Synteen Technical Fabrics, Inc. is a US owned and operated manufacturer of geogrids and high strength geotextiles for soil reinforcement applications.

Triangular Silt Dike Company
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Luther, Oklahoma, 73054
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www.tri-siltdike.com
jroach@tri-siltdike.com
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TSD Supply Co. provides a full line of erosion control and sediment control products in the South Central US. We manufacture and distribute the Triangular Silt Dike barrier worldwide. Made with lightweight and durable materials, Triangular Silt Dike barrier installs in minutes with U-shaped wire staples. The flexibility of the barrier allows it to be installed on rough and rocky terrain while the protective aprons on both sides.

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truax3@qwestoffice.net
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At TYPAR Geosynthetics, we create performance based replacements for building staples like stone, sand and asphalt. Our products are lighter and easier to install than their mineral counterparts, reducing materials required, waste created and the need for heavy construction equipment. With product and research facilities in Nashville, Tennessee, we've built upon 40 years of experience to extend our range of materials to provide protection, reinforcement, drainage, filtration and separation options to design and construction professionals. From permeable driveway surfaces, tree root-friendly barriers that protect underground structures or a reinforcement wall system that holds back flood waters, TYPAR Geosynthetics can meet application requirements and extend the life of projects.

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https://spillcontainment.com/ultratech-international-inc-brands/
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University of Minnesota
1390 Eckles Ave.
St. Paul, Minnesota, 55108
(612) 626-4857
www.erosion.umn.edu
erosion@umn.edu
Booth 824
The Erosion and Stormwater Management Certification Program of the Department of Bioproducts and Biosystems Engineering at the University of Minnesota provides training to engineers, contractors, and other professionals on water quality regulations and how to comply with those regulations. The Program is also able to further our knowledge of erosion control and stormwater management though research and information sharing.

Upstream Technologies
600 County Rd. D. West, Ste. 14
New Brighton, Minnesota, 55112
(651) 237-5123
http://upstreamtechnologies.us
info@upstreamtechnologies.us
Booth 832
Upstream Technologies offers three products: The SAFL Baffle is a retrofittable device that is installed inside a manhole and captures and retains sediment with an 80% TSS efficiency. The SKUNK is also retrofittable and captures floating oil and garbage in the same manhole or a different one. The MPD Infiltrometer is an ASTM device that measures Hydraulic Conductivity of Soil (Ksat) to test Infiltration Basins, Rain Gardens and Bio-swales.

Western Green
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Evansville, Indiana, 47725
(812) 437-9402
www.westerngreen.com
jpack@nagreen.com
Booth 200
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