

CENTRAL STATES WATER ENVIRONMENT ASSOCIATION, INC.  
1021 ALEXANDRIA BOULEVARD  
CRYSTAL LAKE, IL 60014



**32ND ANNUAL  
CONFERENCE ON THE ENVIRONMENT  
ENVIRONMENTAL PERSPECTIVES  
FEDERAL, STATE AND LOCAL**

**Early Bird Registration ends October 19th!**



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FEDERAL, STATE AND LOCAL  
NOVEMBER 8TH, 2017**



**CENTRAL STATES WATER ENVIRONMENT ASSOCIATION**

CSWEA's mission is to provide a Water Environment Federation (WEF) organization in Illinois, Minnesota, and Wisconsin that offers multiple opportunities for the exchange of water quality knowledge and experiences among its members and the public and fosters a greater awareness of water quality achievements and challenges. The Minnesota Section of CSWEA is co-hosting this conference. [WWW.CSWEA.ORG](http://WWW.CSWEA.ORG)

**AIR AND WASTE MANAGEMENT ASSOCIATION**

A&WMA is a non-profit, non-partisan professional organization with more than 5,000 members in 65 countries. A&WMA assists in the professional development and critical environmental decision-making of its members by providing a neutral forum for technology exchange, networking opportunities, public education, and outreach. The upper Midwest Section of A&WMA is co-hosting this conference. [WWW.AWMA-UMS.ORG](http://WWW.AWMA-UMS.ORG)

If you are interested in sponsoring or exhibiting at the conference, please contact Chris Harrington at [651-659-7760](tel:651-659-7760) or [charrington@hrgreen.com](mailto:charrington@hrgreen.com)

## 32ND ANNUAL CONFERENCE ON THE ENVIRONMENT, NOVEMBER 8TH, 2017

Air and Waste Management Association - Upper Midwest Section (A&WMA)  
Central States Water Environment Association - Minnesota Section (CSWEA)

**Please Note:**  
Program is subject to change.

7:00 - 10:00	Vendor Display Booth Set Up			<b>Mezzanine Lobby</b>	
7:30 - 9:00	Registration, Continental Breakfast, and New Member Welcome			<b>Mezzanine Lobby</b>	
8:00 - 8:45	CSWEA and A&WMA Business Meetings			<b>Room TBD</b>	
8:00 - 8:45	Student & YP Mentor Breakfast			<b>Room TBD</b>	
8:45 - 9:00	Welcome: Tony Colombari (A&WMA) and Chris Harrington (CSWEA)			<b>Room TBD</b>	
9:00 - 10:00	Keynote: <i>To be announced in October</i>			<b>Room TBD</b>	
10:00 - 10:30	Vendor Display Booths Open / Student & Intern Posters Display			<b>Mezzanine Lobby</b>	
	<b>SESSION 1</b>	<b>SESSION 2</b>	<b>SESSION 3</b>	<b>SESSION 4</b>	<b>SESSION 5</b>
	<b>NPDES PERMITTING</b>	<b>AIR—MPCA UPDATE</b>	<b>SOLID WASTE</b>	<b>STORMWATER AND WATER RESOURCES MANAGEMENT</b>	<b>STUDENT ENVIRONMENTAL CHALLENGE</b>
	<b>Room TBD</b>	<b>Room TBD</b>	<b>Room TBD</b>	<b>Room TBD</b>	<b>Room TBD</b>
10:30 - 11:00		MPCA Regulatory Update <b>MPCA Air Policy Staff</b>	Water Treatment Challenges of Leachate from Municipal Solid Waste and Demolition Debris Landfills <b>Fred Doran &amp; Lana Tullis, Burns &amp; McDonnell</b>	Industrial Stormwater Program Update <b>Melissa Wenzel, MPCA</b>	
11:00 - 11:30	What MPCA NPDES Permitting Staff Wants From Consultants <b>Scott Kyser, Robin Novotny &amp; Abram Peterson, MPCA</b>		Major Overhaul in Hazardous Waste Rules <b>Shelley Koehn, Trinity Consultants</b>	Water Reuse Update <b>Anita Anderson, MN Department of Health - Interagency Workgroup</b>	
11:30 - 12:00		Be Prepared for the 2017 Air Toxics Emission Inventory <b>Michael D. Smith &amp; Chun Yi Wu, MPCA</b>	MPCA Hazardous Waste Program <b>MPCA Hazardous Waste Program Staff</b>	MPCA Stormwater Program Update <b>Marni Karnowski, MPCA</b>	
12:00 - 1:00	Luncheon Buffet / Vendor Display Booths Open / Student & Intern Posters Display				
	<b>SESSION 6</b>	<b>SESSION 7</b>	<b>SESSION 8</b>	<b>SESSION 9</b>	<b>SESSION 10</b>
	<b>INDUSTRIAL WASTEWATER</b>	<b>AIR—PARTNERSHIPS TO IMPROVE MINNESOTA</b>	<b>WATER—MISCELLANEOUS TOPICS</b>	<b>STORMWATER AND WATER RESOURCES MANAGEMENT</b>	<b>STUDENT ENVIRONMENTAL CHALLENGE</b>
	<b>Room TBD</b>	<b>Room TBD</b>	<b>Room TBD</b>	<b>Room TBD</b>	<b>Room TBD</b>
1:00 - 1:30	Our Pathway to Operational Excellence (CSWEA MN Industrial Wastewater Award Winner) <b>Brian Mehr, Pilgrim's/Gold'n Plump</b>	Partnering to Reduce Air Emissions: Clean Air Minnesota Case Studies of Voluntary, Public/Private Solutions to Improve Minnesota's Environment, Economy, and Public Health <b>Bill Droessler, Environmental Initiative Chris Nelson, 3M Mike Nelson, MPCA</b>	Water Law Update <b>Jeremy Greenhouse, The Environmental Law Group, Ltd.</b>	Iron Enhanced Sand Filter Performance for Reducing Phosphorus from a Regional Stormwater Pond <b>Bob Fossum, Britta Suppes &amp; Maddie Vargo, Capitol Region Watershed District</b>	
1:30 - 2:00	Pretreatment Agreements & Variances for NPDES Permits <b>Elise Doucette, MPCA</b>	Minnesota Business First Stop- 9 State Partner Agencies Who's Mission is to Assist Businesses Site and Expand in Minnesota <b>Kari Howe, Minnesota Business First Stop Jeff Smith, MPCA</b>	Rehabilitation Quality Control Using a 3D Wireless Manhole Scanner <b>Don Hubbard, CUES Inc.</b>	MN Stormwater Research Council <b>Jeff Peterson, University of Minnesota Water Resources Center</b>	
2:00 - 2:30	Industrial Wastewater Filtration and Adsorption <b>Christopher Bryan, 3M</b>	Data, Information and Knowledge: Your Data Put to Work <b>Anne Clafin, MPCA</b>	Are Minnesota Stabilization Ponds Effectively Removing Nitrogen? <b>Scott Kyser &amp; Abram Peterson, MPCA</b>	Challenges in Managing the Industrial Multi-Sector Stormwater Permit Related to Sector S for the Metropolitan Airports Commission (MAC) Six Reliever Airports <b>Mike Harder, Metropolitan Airports Commission</b>	
2:30 - 3:00	Vendor Display Booths Open / Student & Intern Posters Display				
	<b>SESSION 11</b>	<b>SESSION 12</b>	<b>SESSION 13</b>	<b>SESSION 14</b>	
	<b>R2E (RESOURCE, RECOVERY, AND ENERGY)</b>	<b>AIR—MISCELLANEOUS TOPICS</b>	<b>MANAGING INDUSTRIAL IMPACTS BEYOND THE PROPERTY LINE</b>	<b>WATER—MPCA UPDATE</b>	
	<b>Room TBD</b>	<b>Room TBD</b>	<b>Room TBD</b>	<b>Room TBD</b>	
3:00 - 3:30	Where Did My Carbon Go? Utilizing Carbon Diversion for Energy and Construction Savings <b>Jared Alder, Evoqua Water Technologies</b>	Air Permitting and Compliance in Minnesota for Startup, Shutdown, and Malfunction Activities <b>Aisha Beaty, Barr Engineering Jonathon Bloomberg, The Environmental Law Group, Ltd.</b>	Air Dispersion Modeling Session <b>TBD</b>	A History of 'Conventional Wastewater Treatment' in Response to New Water Quality Standards in Minnesota <b>Joel Peck, MPCA</b>	
3:30 - 4:00	Metro Plant Ash as a Phosphorus Fertilizer <b>Lloyd Winchell, Brown and Caldwell Stephen Norton &amp; Christine Voigt, MCES Carl Rosen, University of Minnesota</b>	NSR Enforcement: Current Status and Potential Future <b>Bill Hefner, The Environmental Law Group, Ltd.</b>	Photochemical Modeling Using EPA's Appendix W Changes <b>Jeff Bennett, Barr Engineering</b>	Removal of Sulfate From Municipal Wastewater Treatment Plant Effluents: A Review of the State-of-the-Industry, Opportunities, and Challenges <b>Katie Wolohan, Barr Engineering</b>	
4:00 - 4:30	Benchmarking and Energy Efficiency Case Studies for Wastewater Treatment Facilities <b>Laura Babcock, Minnesota Technical Assistance Program</b>	Greenhouse Gas Life Cycle Analysis: Business Tool for Sustainable Fuel Production <b>Olivia Dawson-Olson, Wenck</b>	Managing Environmental Nuisances: Odor and Noise <b>Angie Wanger, Trinity Consultants</b>	Analyzing Alternatives for Sulfate Treatment in Municipal Wastewater - Part 2: Implementation Concerns and Cost of Treatment <b>Herman Dharmarajah &amp; Adrian Hanson, Bolton &amp; Menk, Inc.</b>	
4:30 - 5:00	Student Challenge Awards / Cash Bar & Networking Event				

### WHERE:

**MINNEAPOLIS CONVENTION CENTER**

**MEZZANINE LEVEL**

1301 Second Ave S, Minneapolis, MN 55403

For directions and parking information, please visit:

<http://www.minneapolis.org/minneapolis-convention-center>

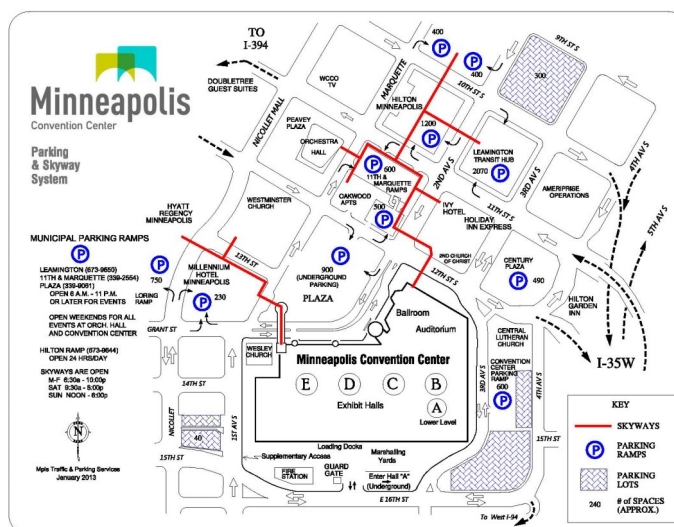
### REGISTRATION: ON-LINE

[CSWEA.ORG/MINNESOTA/EVENTS](http://CSWEA.ORG/MINNESOTA/EVENTS)

**MEMBERS: \$125 (\$155 AFTER OCT 19)**

**NON-MEMBERS: \$155 (\$185 AFTER OCT 19)**

**STUDENT: \$25 (\$30 AFTER OCT 19)**



## Student & YP Mentor Program

**BACK BY POPULAR DEMAND!**

This is a great networking opportunity to meet an experienced environmental professional at the COE.

More information about this event is available at: [www.cswea.org](http://www.cswea.org).

**Mentors and mentees please register prior to October 19th** to meet for a light breakfast & conversation on November 8th.

Additional information at: <http://awma-ums.org/calendar/2016-coe-student-and-young-professional-mentor-program>

**Accommodations:** Attendees are responsible for their own accommodations. **Refunds:** Refunds will be issued if written requests are received at least 48 hours in advance of the conference. We will attempt to notify advance registrants if the conference or an event is cancelled. In case of cancellation, neither MN-CSWEA or A&WMA-UMS is liable for any registrant expenses other than registration fees.