



34TH ANNUAL

CONFERENCE ON THE ENVIRONMENT

“FEDERAL, STATE, & LOCAL ENVIRONMENTAL PERSPECTIVES”

THURSDAY, NOVEMBER 7TH, 2019

PROGRAM AT A GLANCE

TIME	LOCATION	EVENT
7:00am — 10:00am	Mezzanine Lobby	Vendor Display Booth Set-up
7:30am — 8:45am	Mezzanine Lobby	Registration, Continental Breakfast, New Member Welcome
7:30am — 8:15am	Room M100 F	CSWEA Business Meeting
8:45am — 9:00am	Room M100 A B I J	“Welcome” - Tony Colombari (A&WMA), Peter Daniels (CSWEA)
9:00am — 10:00am	Room M100 A B I J	Keynote Address: Laura Bishop (MPCA Commissioner)
10:00am — 10:30am	Mezzanine Lobby	Break, Vendor Display Booths Open, Student & Intern Posters Display
10:30am — 12:00pm	Various (See Next Page)	Session Presentations (See Next Page)
10:30am — 2:30pm	Room M101 C	Student Environmental Challenge
12:00pm — 1:00pm	Room M100 A B I J, M101 A B	Lunch
1:00pm — 2:30pm	Various (See Next Page)	Session Presentations (See Next Page)
2:30pm — 3:00pm	Mezzanine Lobby	Break, Vendor Display Booths Open, Student & Intern Posters Display
3:00pm — 4:30pm	Various (See Next Page)	Session Presentations (See Next Page)
4:30pm — 5:00pm	Mezzanine Lobby	Happy Hour Networking, Student Environmental Challenge Award

Interested in participating on the Planning Committee for the 2020 event? Email tcolumbari@trinityconsultants.com or pdaniels@wenck.com

	MCC Room M100 F	MCC Room M100 GH	MCC Room M100 CD	MCC Room M100 E
	Session 1 — Industrial Wastewater	Session 2 — Water Regulatory Updates	Session 3 — Predicting and Reacting to Climate and Air Pollution Forecasts	Session 4 — Toxics / Emerging Pollutants
Moderator	Quentin Hahn - Burns & McDonnell	Will Martin - Hazen and Sawyer	Bill Hefner - Environmental Law Group	Jeff Smith - MPCA
10:30am to 11:00am	Environmental Management at a Nuclear Power Plant Scott Pelot and Brent Kuhl, Xcel Energy	Water Law Update Jeremy P. Greenhouse, The Environmental Law Group, Ltd.	Application of Downscaled Climate Projection Data in Resiliency Planning: A National Assessment Jane O'Malley, HGA; Ariane Laxo, HGA; Brenda O. Hoppe, PHD, MDH	Multimedia Transport of Poly- and Perfluorinated Alkyl Substances (PFAS): Air Emissions to Groundwater - A Case Study Eric Edwalds, Barr Engineering
11:00am to 11:30am	A Portfolio of Sulfate Treatment Technologies for Industrial and Municipal Wastewater Lucinda Johnson, UMD - NRRI	Federal Water Regulatory Update Claudio H. Ternieden, Water Environment Federation (WEF)	Building a Carbon-free Future: Xcel Energy's Carbon Vision and Integrated Resource Planning Nick Martin, Xcel Energy	MnTAP TCE Alternatives Project Jane Paulson, MNTAP
11:30am to 12:00pm	Isolation and Characterization of Psychrophilic Denitrifiers from Woodchip Bioreactors for Bioaugmentation Application Emily Anderson, Geosyntec Consultants	3M PFAS Settlement – Project 1007 Surface Water and Groundwater Interactions Rebecca Higgins, MPCA	Intelligent and Interactive Air Quality Forecasting: How the Minnesota Pollution Control Agency Uses Environmental Data, Artificial Intelligence, and Technology to Predict Air Quality and Inform the Public Daniel Dix, MPCA	2020 TSCA CDR - Are You Ready? Kim Hand and Sara Stroh, Barr Engineering
	Session 5 — Emerging Contaminants in Water	Session 6 — Resource Recovery and Energy	Session 7 — Managing Off-Site Impacts	Session 8 — Controlling Hazardous Substances
Moderator	Emma Larson - City of St. Cloud	Brendan Wolohan - SEH	Jonathan Amos - Xcel	Aisha Balogh - Barr
1:00pm to 1:30pm	Fate and Transport of Bioplastic Nanoparticles in Water Environment Sepideh Sadegi, SDSU	Impact of Co-Digestion on Biogas Production & Nutrient Recovery Nicole Ringle & Tracy Hodel, City of St. Cloud	Methods of NAAQS Compliance: A Case Study for Ambient Air Monitoring Charlene Becka, Wenck	Navigating the E-Manifest System Jill Macioch, Xcel Energy
1:30pm to 2:00pm	Management Approach to Sustainable Drinking Water; Addressing PFAS Contamination Across Fourteen Communities Shalene Thomas and Michele Mabry, Wood Group	Building Resilient Communities: Biofuel Generators, High Strength Waste, and Public Outreach Sam Lobby, Western Lake Superior Sanitary District (WLSSD)	Navigating an Air Emissions Risk Analysis Alex Gelz, Trinity Consultants	Achieving Compliance with the Ever-Changing Risk Management Program Regulations (40 CFR Part 68) Rydell Klosterman, Trinity Consultants
2:00pm to 2:30pm	PFAS-Impacted Water Treatment Emergency Response and Implementation Katie Wolohan and Andy McCabe, Barr Engineering	Potable Reuse in the Upper Midwest Patrick Haney, Stantec	Odor Management Concepts for Animal Feeding Operations Kevin Janni, U of M	Environmental Forensics for Litigation Support and Environmental Strategy Development Jay Thompson, Geosyntec Consultants
	Session 9 — Storm Water	Session 10 — Wastewater	Session 11 — MPCA Air Update	Session 12 — Waste Management
Moderator	Chris Meehan - Wenck	Ashley Hammerbeck - WSB	Adam Driscoll - Barr	Roger Clarke - Xcel Energy
3:00pm to 3:30pm	Predicting Water Quality Changes Using Satellite Remote Sensing Observations of Watershed Conditions Josh Weiss, Hazen and Sawyer	Northfield, MN Biosolids - Six Pounds in a Five Pound Bag Seth Peterson, Bolton & Menk	Air Quality Regulations: The year in review Fawkes Steinwand, Hassan Bouchareb, and Anne Jackson, MPCA	What's Your Endgame? Next Steps for Developing a Successful Organics Program Margaret Zuckweiler, GHD, Inc.
3:30pm to 4:00pm	Comprehensive Biological Water Quality Assessment of Stormwater Reuse Systems Tamara Walsky, U of M	Water Hammer – Fundamentals, Protection Equipment, and Modeling Chris Harrington, HR Green, Inc		Innovative Landfill Leachate Treatment Jake Nelson and Greg Ackerson, Apex
4:00pm to 4:30pm	Rooting Out Pollution Along the Green Line: Five Years of Green Infrastructure Operation and Maintenance Mark Doneux, Capitol Region Watershed District	Microbial Ecology of Activated Sludge System to Inform System Operation and Design Alison Ling, Barr Engineering	MPCA Perspective on Air Permit Amendment Applications Toni Volkmeier, MPCA	Do you smell something? A Case Study of how one landfill overcame their struggle with odor Stephanie Stolz, GHD, Inc.