

# 2021 Salt Symposium – August 3<sup>rd</sup>

All presentations will be live-streamed, online-only content

## “Welcome” from Connie Fortin

Fortin Consulting, Inc.

## Followed by our Keynote Speakers

<b>Madison Metropolitan Sewerage District</b>	<i>Chloride Story of a Sewershed</i>
<b>Brooke Asleson</b> MN Pollution Control Agency <b>Sydney Weiss</b> US Environmental Protection Agency	<i>Bringing the US Together to Address Chloride</i>

## New Directions in Chloride

<b>Sara Heger</b> Univ. of MN and MN Dept. of Transportation	<i>Recycling Truck Wash Water for Brine Making</i>	<b>Wastewater and Drinking Water</b>
<b>Ted Stets</b> US Geological Survey	<i>Higher Chloride Intake water and Side Effects in Drinking Water Distribution</i>	
<b>Steve Yessie</b> City of Guelph, CA	<i>Residential Conditioning Research</i>	
<b>Wayne Brabazon</b> Region of Waterloo	<i>Pilot Plumbing Rebate Program for Hot Water Softening</i>	
<b>Catherine Harris</b> Madison Metropolitan Sewerage District	<i>How Soft is Soft Enough?</i>	

*Midday break for connecting with sponsors and vendors*

<b>David Franzen</b> North Dakota State University	<i>Soil Sampling and Smarter Use of Potassium</i>	<b>Fertilizers</b>
<b>Carl Rosen</b> University of Minnesota	<i>What We Know and Don't Know about Chloride in Fertilizer and Where we Go From Here</i>	
<b>Daniel Kaiser</b> University of Minnesota	<i>Pros and Cons of Various K Sources – Is there a lower Cl path forward?</i>	
<b>Maggie Reiter</b> University of MN Extension	<i>Chloride and Turfgrass</i>	
<b>Laura Babcock</b> MN Technical Assistance Program	<i>Industrial Sources of Chloride</i>	

*Awards and Conclusions*

# 2021 Salt Symposium – August 4<sup>th</sup>

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## **“Welcome” from Connie Fortin**

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## **Followed by our Keynote Speakers**

**Steve Corsi**  
US Geological Survey

*National Chloride Trends*

**Xianming Shi**  
Washington State University

*How Winter Maintenance Research Can Help  
Lower Salt Use*

## **Snow and Ice Management**

**Chris Albrecht**  
The Narwal Group

*Road Weather for Everyone*

**Tracey Bramble**  
Iowa DOT

*Managing Public Expectations*

**Robert Roszell**

*Canadian Perspective on Simple Tools and  
Strategies for Lower Salt Use*

**Laura Fay**  
Montana State University

*New Frontiers of Mechanical Removal*

*Midday break for connecting with sponsors and vendors*

**Dr. Kakan Dey**  
University of West Virginia

*Updating Level of Service Guidelines: South Dakota  
Experience*

**Andy Erickson**  
University of Minnesota

*Increasing Friction on Roadway Ice & Measuring  
bonding strength of ice after anti-icing*

**Dr. Monika Bleszynski**  
University of Colorado

*Studying Natural Antifreezes Produced by Fish*

**Halil Ceylan**  
Iowa State University

*Lower Salt Pavements*

**Lexi Passante**  
University of Wisconsin – Milwaukee

*Salt-loving Bacteria as Ecosystem Indicators*

*Awards and Conclusions*