2025 Great Lakes Microplastics Summit

VIRTUAL EVENT | OCTOBER 22

AGENDA

8:30 - 8:55 AM (EST)
Welcome and Introduction (Join via Web Zoom)

- **Phil Roos**, Director, EGLE
- **Eddie Kostelnik,** Environmental Quality Analyst, EGLE, Water Resources Division

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9:15 - 11:15 AM (EST)
Fate and transport of microplastics I (Join via Web Zoom)

- *Informing a monitoring and risk assessment framework for microplastics in the Laurentian Great Lakes*.
  Chelsea Rochman, Associate Professor, University of Toronto
- *Pathways of entry and signatures of weathering for microplastics in surface waters*
  Nicole Fahrenfeld, Professor of Civil & Environmental Engineering, Rutgers University
- *Conventional and Advanced Drinking Water Treatment to Remove Microplastics*
  Robert Andrews, Professor, Department of Civil and Mineral Engineering, University of Toronto

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11:25 AM – 12:05 PM (EST)
Microplastics Sampling and Analysis Methods (Join via Web Zoom)

- **Bijan Jafari,** Microplastics Department Lead, Eurofins Environment Testing Northern California, LLC

1:05 – 2:25 PM (EST)
Fate and transport of microplastics II (Join via Web Zoom)

- Profiling Water Treatment Plants for Microplastics Removal
  Brent Alspach, Vice President & Director of Applied Research, Arcadis
- Microplastic Abundance and Characteristics in Lake Superior and Adjacent Harbor
  Melissa Maurer-Jones, Associate Professor, University of Minnesota Duluth

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2:45 – 4:05 PM (EST)
The effect of microplastics on human and organismal health
(Join via Web Zoom)

- An unexpected snack: micro and nanoplastic occurrence and mechanisms of toxicity
  Susanne Brander, Ph.D., Assistant Professor at Oregon State University
- Placing Microplastic Health Risks into a Drinking Water Context
  Husein Almuhtaram, Senior Research Associate, University of Toronto

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4:15 – 4:55 PM (EST)
From Additives to Adsorption: Understanding the Full Impact of Plastic Pollution (Join via Web Zoom)

- **John Scott**, Associate Director of the Emerging Contaminants Center at the Illinois Sustainable Technology Center, University of Illinois