

EMERGING TOPICS IN LANDFILL MANAGEMENT SUMMIT AGENDA

September 1, 2021

Attendee Check-In: 7:00 AM ET

Event Time: 8:00 AM ET - 4:30 PM ET

Welcome/Introduction | 8:00am

A Regulatory Agency's Perspective on Waste Mass Instability | 8:05am

Annette De Havilland, Ohio EPA

Elevated Temperature Landfills | 8:30am - 10:10am

Session Moderator: Jim Walsh, SCS Engineers

- **Mechanisms contributing to elevated temperatures**
Craig Benson, University of Wisconsin-Madison
- **Modeling to predict and control elevated temperature conditions**
Morton Barlaz, North Carolina State University
- **State of practice to monitor and manage elevated temperature conditions**
Joe Benco, Republic Services
Greg Cekander, Waste Management

BREAK | 10:10am - 10:40am

Aqueous Waste Co-Disposal and Liquids Addition | 10:40am - 1:00pm

Session Moderator: Mike Beaudoin, Republic Services

- **Overview of aqueous waste disposal and biological compatibility**
Bryan Staley, Environmental Research & Education Foundation
Morton Barlaz, North Carolina State University
- **Co-disposal of aqueous wastes in landfills and the impact on stability**
Chris Bareither, Colorado State University
- **Liquid accumulation in landfills**
Timothy Mitchell, Civil & Environmental Consultants, Inc.
Mike Beaudoin, Republic Services

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- **Panel discussion: Liquids addition/leachate recirculation: what do we know today vs. 10 years ago?**

Craig Benson, University of Wisconsin-Madison

Terry Johnson, Waste Management

Clarke Lundell, GFL Environmental

Debbie Reinhart, University of Central Florida

Bruce Schmucker, ECOTECH Waste Logistics

LUNCH | 1pm - 2pm

Waste Stability | 2:00pm - 4:30pm

Session Moderator: Andy Nickodem, Golder

- **Why waste slides occur: factors attributed to structure instability and lessons learned**

Bob Bachus, Geosyntec

- **Using advanced geophysical methods to characterize solid waste sites**

Daniel Fellon, ARM Group

Scott Wendling, ARM Group

- **Using cone penetration testing for in-situ MSW shear strength characterization**

Ed Hood, GFL Environmental

Michael Yacyshyn, Civil & Environmental Consultants, Inc.

- **Prevention/intervention strategies**

Dan Bunnell, BLE

Tyler Moody, BLE

Larry Simonson, BLE

Bo McCoy, Waste Management