

Poster Session Presentations

Long-Term Performance of Exhumed Geosynthetic Clay Liners.

Tarek Abichou, Florida State University

Innovative Approach to Landfill Design Allows for Benchless Caps at Baldwin County Landfill.

Michaels Ayers, Watershed Geo

Process Improvement for the Solid Waste Industry.

Neal Bolton, Blue Ridge Services

Controlling Storm Water Pollutants in California Landfills.

Laura Carpenter, Brown and Caldwell

Sources and Fate of Perfluorinated Compounds in Municipal Solid Waste Landfills.

Komal Charania, Environmental Research & Education Foundation

EVOH Geomembrane with Diffusion Barrier to Organic Solvents.

Edgard Chow, Kuraray America

Evaluation of Methane Gas Generation Potential at a Landfill Site in Turkey.

Derya Dursun, Middle East Technical University (Turkey)

Annual Reported Waste & Recycling Facility Fires US/Canada

Ryan Fogelman, Fire Rover, LLC

Compost Opportunities in the Legalized Cannabis Industry.

Dave Girard, Peterson

A Spatial Variation Model Describing Generation, Accumulation, and Propagation of Heat in Municipal Solid Waste Landfills.

Zisu Hao, North Carolina State University

FastOx® Gasification: An Integrated Solution to Zero Waste.

Mike Hart, Sierra Energy

Characterization of Florida Landfills with Elevated Temperatures

Ryan Joslyn, University of Central Florida

Experimental Evaluation of Evaporation of Municipal Solid Waste Landfill Leachates.

Milind Khire, University of North Carolina-Charlotte

Thermal Principles of Municipal Solid Waste from Landfills Located in Sub-humid and Humid Locations

Milind Khire, University of North Carolina-Charlotte

What's in the Waste Today.

Alan Kirschner, Brown and Caldwell

Recycled Post-Consumer Glass as Supplementary Cementitious Material for High-Performance Concrete

Marija Krstic, City University of New York

Autoinducer-2 Mediated Quorum Sensing in an Organic Fraction of Municipal Solid Waste-Sourced Cellulolytic Anaerobic System.

Judd Larson, University of Wyoming

A Case Study of Landfill Expansion Design and Construction in Argentina.

James Law, Albert Glenn, and Jose Luis Davila, SCS Engineers, and Osvaldo Lucero, Maria Eugenia Rey Nores, Benito Roggio Ambiental

Life Cycle Assessment of Municipal Solid Waste Management System; A case of Kathmandu Metropolitan City, Nepal.

Om Bam Malla, Kathmandu University (Nepal)

Measurement of Heat Released by Ash Hydration and Carbonation Using an Isothermal Calorimeter.

Asmita Narode, Mohammad Pour-Ghaz, and Morton Barlaz, North Carolina State University

Use of MBT Stabilized Organic Fractions as Landfill Bio-Cover.

Rodrigo Pontiggia, Osvaldo Lucero, Melisa Altina, Paula Fontana, Benito Roggio Ambiental, and James Law, SCS Engineers

Enhancing the Anaerobic Oxidation of Methane in Landfill Cover Soil.

Niloofer Parasaefard, University of Texas – Arlington

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Accelerated Reductive Catalysis™: A Novel Approach to Treatment of Emerging and Conventional Contaminants.

Jeffrey Pintenich, Brown and Caldwell

Effect of Termite Hindgut Microbe TAV5 on Methane Production from Municipal Solid Waste Degradation.

Hoda Rahimi, University of Texas – Arlington

Interference of Non-Regulated Volatile Organics on Detection of Vinyl Chloride in Groundwater.

Bruce Reilly, Civil & Environmental Consultants

Applicability of Coal Boiler Corrosion Mapping to Waste to Energy Plants.

Tony Rizk, Western Carolina University

Nonparametric Trends of Toxics in Waste to Energy Plants Residual Ash.

Tony Rizk, Western Carolina University

Effect of Moisture Content and Temperature on Methane Oxidation in Landfill Cover.

Sonia Samir, Parkhill Smith & Cooper

Quantifying MSW Management and Recovery in the U.S.

Sierra Schupp, Environmental Research & Education Foundation

When are Leachate Evaporators Applicable?

Paul Shamoian, Civil & Environmental Consultants

Comparing the Direct and Residual Shear Responses of a Synthetic Lightweight Aggregate (SLA) and a Normal Weight Sand.

Christopher Swan, Tufts University

Constructing Better Estimates of US National Waste Disposal.

David Tonjes, State University of New York-Stony Brook

Flint Water Crisis: Management of Plastic Bottle and Filter Waste.

Andrew Whelton and Tianqui Wang, Purdue University

Advanced Oxidation Processes (AOPs) of Biologically Stabilized Landfill Leachate for COD Removal.

Qian Xu and Quiyan Yuan, University of Manitoba (Canada)

Geotechnical Benefits of Engineered Synthetic Turf Final Cover System: A Comparison to Soil Cover System.

Ming Zhu, Watershed Geo