

GWMS 2026 Poster Presentations

*As of February 16, 2026

[From Streets to Systems: Analysis of the Solid Waste Management Workforce and Resources in Kathmandu Metropolitan City, Nepal](#)

Saroj Adhikari, *Chaoyang University of Technology*

[Comparative Techno-Economic Analysis and Life Cycle Assessment of Post-Consumer Poly\(Ethylene Terephthalate\) Recycling by Methanolysis](#)

Rarosue Amaraibi, *National Renewable Energy Laboratory*

[Comparison of Field Measurements to Methane Emissions Models at Municipal Solid Waste Landfills](#)

Meshach Ando, *University of North Florida*

[Suitability of Synthetic Turf Final Closures in the Post Closure and Custodial Care Periods](#)

Evan Andrews, *Watershed Geo, LLC*

[Cost-Effective Biogas Production from Mixed Waste: Commercial Deployment of Steam Autoclaving and Anaerobic Digestion](#)

Joe Ayala, *Econward Tech*

[Case Study Review on Leachate Treatment for PFAS at Smith's Creek Landfill](#)

Nick Backman, *ECT2*

[Novel Ternary DES with Reduced Viscosity for Efficient Metal Recovery from NMC Cathodes](#)

Anwasha Banerjee, *McGill University, Montreal, Canada*

[Evaluation of the Relationship between DMS and an Elevated Temperature Landfill](#)

Erin Bulson, *WM*

[Treatment of Landfill Leachate from a Recently Opened Landfill Site in Nepal using a Two-Stage Continuous Aerobic Moving Bed Biofilm Reactor](#)

Mohan B. Dangbi, *California State University*

[The Viability of Using Landfill Leachate as an Adequate & Safe Alternative to Commercial Fertilizer for Developing and Water Scarce Regions](#)

Jorge Del'Angel, *Purdue University*

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Measuring Waste Diversion Programs using the Missed Opportunity Rate (MOR)

Anna Dengler, Great Forest

Effect Of Decomposer Enriched City Waste Compost Application on Growth and Yield of Cowpea

Sabina Devkota, National Soil Science Research Center, NARC

Stormwater Design and Risk Management in Compost Facilities

Michael Gonzalez, Civil & Environmental Consultants

The Changing Regulatory Landscape of Landfills

Julie Hall, Weaver Consultants Group

Quantifying Microplastics in Landfill Leachate and Anaerobic Digesters: Methodologies for Separation and Analysis

Victoria Hoffmann, University of North Carolina at Charlotte

Presence of Critical Materials in U.S. Municipal Solid Waste Landfill Leachates

Inez Hua, Purdue University

The Silent Saboteur: Clogged Leachate Collection Systems and the Chaos They Unleash

Ryan March, Leachate Management Specialists and FlowScience

Carbon Capture and Storage from Landfill Gas using Metal-Organic Framework Coupled with Enhanced Weathering with Combustion Residuals

Happiness Mbando, University of North Florida

Destruction of PFAS in IX Still Bottoms and Foamate: Pairing Specific Technologies for Efficient Closed Loop PFAS Treatment

Patrick McKeown, ECT2

Technoeconomic Study of the Potential for Production of Sustainable Aviation Fuel in Southeast Asia and Associated Factors

Seyam Mohammed, GHD

Navigating the Challenges of Treating 1,4-Dioxane in Landfill Wastewater

Rob Rebodos, Brown and Caldwell

A Comparative Analysis of Eco-Efficiency Assessment Methods in Municipal Solid Waste Management

Sandhya Rijal, Chaoyang University of Technology

The Collection Efficiency Journey Continues: Flow Calibrated Modeling – What the FLIGHT Data Has Revealed

Matt Stutz, Weaver Consultants Group

The Use of Microwave Treatment Technique for Healthcare Waste: Case Study of Ghana.

Senam Tengey, Medical Waste Services (Jospong Group) and Liverpool John Moores University

Controlled Hydrodynamic Cavitation as a Novel PFAS Removal Method in Drinking Water and Landfill Leachate

Andie Toney, North Carolina State University

Mems Biocover Mitigates Landfill Odors and Fugitive Methane Emissions

McKenzie Wilson, Windfall Bio

Leveraging Branded Litter Audits to Foster Extended Producer Responsibility

Rebecca Yandam, Zoomlion Ghana Limited

High-Resolution Simulations of Nighttime Methane Accumulation and Release from a Landfill

Kyungwoon Yang, University of California, Berkeley

Ambient Air Impacts of PFAS From Landfill Emission Sources

Stephen Zemba, Sanborn Head & Associates, Inc

Technology Overview and Case Histories of Landfill Intermediate Covers

Ming Zhu, Watershed Geosynthetics