GWMS 2020 Poster Session Presentations

White-rot Fungi Biodegradation of Contaminants of Emerging Concern in Landfill Leachate
Amirhossein Adaryani, University of North Carolina at Charlotte

Region of Durham's Blue Box Litter Lid – Coming Full Circle to Solve a Problem
Craig Bartlett, The Regional Municipality of Durham

Physical, chemical, and geotechnical properties of coal fly ash – A global review
Arpita Bhatt, University of Texas at Arlington

Site Development Planning to Improve Landfill Efficiency and Reduce Costs
Neal Bolton, Blue Ridge Services, Inc.

Bioconversion of municipal sewage sludge based on controlled acceleration of natural biodegredation processes –Janów Lubelski in Poland case study
Boguslaw Bieda, AGH University of Science and Technology

Sorption characteristics of perfluorinated compounds to engineered landfill barriers
Julia Bridstrup, University of Virginia

The Contribution of Abiotic Cellulose Hydrolysis to Heat Accumulation in Landfills
Komal Charania, Zisu Hao, Morton Barlaz, North Carolina State University

Utilization of Reclaimed Waste-to-Energy sands in Internally Cured Concrete
Kienan Dalesandro, Penn State Harrisburg

Solid Waste Characterization and Sewage Outlet Mapping of Slums in Kathmandu, Nepal
Mohan Dangi, California State University

Characterization of Leachate and Water Samples near Landfill Locations
Mohan Dangi, California State University

Developed Versus Developing: Organic Waste Diversion in Urban Centers and the Case for Rapid Composting
Shefaza Esmail, University of Waterloo

Sustainable Waste Management Model in a Developing Country – Pakistan
Asif Farooki, Waste Busters

Environment Management situation in micro and small recycling plastics companies in the state of Rio de Janeiro
Marco Gaya, Rio de Janeiro, Brasil

The Contribution of Abiotic Cellulose Hydrolysis to Heat Accumulation in Landfils
Zisu Hao, North Carolina State University

Resource recovery and diversion from landfill through the treatment of waste and contaminated materials
Adrian Convery, CDEnviro & **Eunan Kelly**, CDE Global

Trends and Analyses from the EPA Greenhouse Gas Reporting Program
Max Krause, United States Environmental Protection Agency

Effect of Food Waste Diversion of Landfill Gas and Leachate from Simulated Landfills
Max Krause, United States Environmental Protection Agency

Treatment of a Landfill Leachate with Synthetic and Natural Coagulants and Flocculants
Roland Leduc, University of Sherbrooke

Anaerobic Digestion of Organic Fraction of Municipal Solid Waste collected on CEAGESP using an ascending anaerobic reactor with and without micro-aeration
Mario Lucero, Universidad Católica de El Salvador (UNICAES)

Operation of an ascending anaerobic reactor in mesophilic phase with wastes collected at CEAGESP in São Paulo
Mario Lucero, Universidad Católica de El Salvador (UNICAES)

The Benefits of Liquid Removal from Landfills
Timothy Mitchell, Civil & Environmental Consultants

Municipal and Construction Wastes as Soil Amendment for Roadside Stormwater Treatment Systems
Sanjay Mohanty, University of California Los Angeles

State of Practice of Leachate Treatment and Management Using Sequencing Batch Reactors
Udeme Ndon, San Jose State University

Operator Challenges between Water Resource Recovery and Leachate Treatment Facilities
Ronald Overholt, OBG Part of Ramboll

Air Quality Dispersion Modeling and Risk Assessment at MSW Landfills – Strategies and Approaches
Michael Trupin, Trinity Consultants

Gasification of Wood Waste in Plasma Reactor
Alexandr Ustimenko, Plasmatechnics R&R LLP

Methane Emissions
Séka Louis Hermann Yapo, Félix Houphouët Boigny University

Landfill Gas Management for Engineered Turf Final Cover System
Ming Zhu, Watershed Geosynthetics