

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

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 biodegradation 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

State of Practice of Leachate Treatment and Management Using Sequencing Batch Reactors

Vanessa Chi, Alan Hang, and Udeme Ndon, San Jose 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

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

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

Region of Durham's Blue Box Litter Lid – Coming Full Circle to Solve a Problem

Peter Viega, The Regional Municipality of Durham

Methane Emissions

Séka Louis Hermann Yapo, Félix Houphouët Boigny University

Landfill Gas Management for Engineered Turf Final Cover System

Ming Zhu, Watershed Geosynthetics