

Time	Session Number	Room	Session Title Chair	Presenter	Nationality	ID	Presentation Title	Abstract No.
10/22 13:00- 15:00	1-1	Buzz Hall	Emerging Contaminants I: Fate & Analysis Prof. Banu Örmeci, Carleton University, Canada	Yasemin Bekers	Canada	1-1-01	Biosolids Under Pressure: Addressing Emerging Contaminants and the Changing Regulatory Landscape in North America	C000208
				Irem Simsek	Canada	1-1-02	From Wastewater to Soil: The Unsettled Fate of Microplastics in Sludge	C000078
				Yian Sun	United States of America	1-1-03	Occurrence and Accumulation of Microplastics in Wastewater and Solids Treatment Streams	C000183
				Dilek F. Sanin	Turkey	1-1-04	Synergistic Effects of Polycarbonate Microplastics and Sludge Disintegration on Anaerobic Digester Performance	C000050
				Min-Hua Cui	China	1-1-05	Revealing the Impact and Migration Behavior of Triclosan in the Anaerobic Digestion of Waste Activated Sludge	C000027
				Igor Bodík	Slovakia	1-1-06	Pharmaceuticals in Sewage Sludge and Methods of Their Thermal Removal	C000063
	2-1	Room1	Anaerobic Digestion I: Pre-treatment & Enhancement Prof. Masanobu Takashima, Fukui University of Technology, Japan	William Barber	United States of America	2-1-01	Review of the influence of thermal hydrolysis on the production of aqueous recalcitrant compounds (Paper Presentation)	C000045
				Akira Hafuka	Japan	2-1-03	Extraction of Organic Matter from Dewatered Sewage Sludge by Thermal Hydrolysis for Anaerobic Digestion	C000084
				Julien Chauzy	Norway	2-1-04	Combination of Incineration with THP AAD for Energy Optimization	C000017
				Jiaqing Huang	China	2-1-05	Comprehensive Assessment of Sludge Wet Air Oxidation and Its Integration with Anaerobic Digestion	C000016
				Anwar Khursheed	India	2-1-06	Synergic effect of thermo-chemical pretreatment of waste-activated sludge on bio-methane enhancement	C000114
				Lars Petter Traa	Norway	2-1-07	Effective and Sustainable Treatment of Municipal and Industrial Sludges Using Advanced Anaerobic Digestion: A Polish Case Study	C000013
	3-1	Room2	Sludge Dewatering I: Pre-treatment & Process Innovations Dr. Kwok-Wai Richard Tsang, CDM Smith Inc, USA	KYEONG HWAN KANG	Korea	3-1-01	Enhanced Sludge Dewaterability Using Biochar Conditioner Derived from Anaerobically Digested Sewage Sludge	C000048
				Katsuyuki Takahashi	Japan	3-1-02	The influence of plasma and ozone treatments of methane fermentation digested slurry on the moisture content of dewatered sludge	C000168
				Sujin Lee	Korea	3-1-03	Potential Application of Hypochlorous Acid-Based Oxidizers and Filter-Press Combined Process for Deep Dewatering of Digested Food Waste Sludge	C000067
				Yuki Nakaya	Japan	3-1-05	Image Analysis-based Assessment of Operational Bias in Human Judgment: A Case Study on Determination of Flocculant Addition in Sludge Dewatering Process	C000123
	4-1	RoomG	Resource Valorization I: Thermal Treatment & Conversion Prof. Masaki Takaoka, Kyoto University, Japan	Masaki Takaoka	Japan	4-1-01	Historical trends, roles, and future challenges of sewage sludge thermal treatment in Japan	C000134
				Takumi Nakanishi	Japan	4-1-02	Report on the Operation of Sewage Sludge Dryer at Kahoku County City Clean Center	C000074
				Takaaki Mizuno	Japan	4-1-03	Development of Excess Electricity Generating Sludge Incineration System Utilizing Step Grate Stoker Furnace	C000223
				Mami Tomita	Japan	4-1-04	Research on Technology to Reduce N2O Emission from Sludge Furnaces in Wastewater Treatment Plants	C000009
				(Mathieu Haddad)	France	4-1-05	Pyrocarbonisation of WWTP biosolids: Effect of operating conditions and feedstock properties on biochar quality and thermal balance of the process.	C000121
				Siqi Xu	UK	4-1-06	Rethinking the sewage sludge valorisation options and pathways via pyrolysate upgrading: an output-oriented analysis	C000108
	5-1	Room A	Circular Agriculture I: Land Application & Soil Health Prof. Ayumi Ito, Iwate University, Japan	Livia Molinari	Italy	5-1-01	Successful operational model for the agricultural use of sludge/biosolids in Italy	C000236
				Luc Duc Phung	Japan	5-1-02	Sewage Sludge Compost Enhances Soil Fertility and Supports Sustainable Yield in a Corn-Wheat Rotation	C000094
				Jean Claude Tuyisenge	Rwanda	5-1-03	Sewage Sludge Compost and Liquid Digestate Enhance Protein Rich Forage Corn Yields Compared to Chemical Fertilizers	C000057
				Toru Watanabe	Japan	5-1-04	Two-Year Assessment of Yield Responses and Greenhouse Gas Emissions from Cornfields Fertilized with Composted Sewage Sludge	C000106
				Angelo Baptista Alfaced	Mozambique	5-1-05	Three-Year Effects of Composted Sewage Sludge Application on Rice Yield, Soil Fertility, and Greenhouse Gas Emissions	C000087
				Linda Mezule	Latvia	5-1-06	Biomolecule recovery from sewage sludge and its accelerated use in agriculture	C000047
	6-1	Room B	Process Optimization: AI, Modeling & Control Dr. Boran Wu, Tongji University, China	Sultan F.I. Abdillah	Taiwan	6-1-02	Unveiling Sludge Yield Patterns in Taiwan's Wastewater Treatment Plants via Integrated & Explainable Machine Learning Approach	C000092
				Uthpala Kaushalya Bulathgamayalage	Japan	6-1-03	Quantifying Protruding Filaments via Deep Learning Semantic Segmentation to Assess Filamentous Bulking in Activated Sludge	C000140
				Annisa Dwi Safiyanti	Taiwan	6-1-04	AI-Driven Analysis of Sludge Microscopic Data for Effluent Quality Prediction in Membrane Bioreactors	C000110
				Pengzhe Sui	Japan	6-1-05	Interpretation of artificial intelligence models to identify key factors for sludge dewatering	C000011
	7-1	Room C	Fecal Sludge Management Dr. Hidenori Harada, Kyoto University, Japan	Zu Zu Aung	Thailand	6-1-06	CFD Modeling of Velocity Changes Affected by Sludge Accumulation in a Commercial Septic Tank	C000033
				Harishvar Jothinathan	India	7-1-01	A Comparative Analysis of Composite and Grab sampling methods for Faecal sludge Characterization: A case study from Pilani, India	C000221
				Shotaro Goto	Japan	7-1-02	Benefits and Challenges of the Work Environment of Pit Emptying Workers: A Case Study in an Informal Peri-Urban Settlement in Lusaka, Zambia	C000156
				Sudhir Pillay	South Africa	7-1-03	Is Anaerobic Digestion a Suitable Treatment Option for Faecal Sludges in Low-and Middle-Income Countries (LMICs)?	C000117
				Subrata Paul	Bangladesh	7-1-04	Enhancing Faecal Sludge Stabilization through Optimized Anaerobic Inocula from Septic Tank Sludge	C000115
				Md Azizur Rahman	Bangladesh	7-1-05	Solid Waste & Fecal Sludge Recycled into Organic Fertilizer through Co-Composting in Rohingya Camps, Bangladesh	C000125
				SAMUEL TENAW GETAHUN	South Africa	7-1-06	Fry-Drying of Sanitation Sludge for Biofuel Briquette Production	C000196