

Time	Session Number	Room	Session Title	Presenter	Nationality	ID	Presentation Title	Abstract No.
10/22 15:30- 17:50	1-2	Buzz Hall	Emerging Contaminants II: PFAS Qualification & Destruction	Giuseppe Mininni	Italy	1-2-01	An extensive survey on the quality of municipal sludge in Italy	C000131
				Banu Örmeci	Canada	1-2-02	PFAS Removal and Destruction Technologies: Assessing What Succeeds, What Fails, and Why	C000212
				Kwok-Wai Richard Tsang	United States of America	1-2-03	Navigating the PFAS Hype - Biosolids Planning Through Uncertain Regulatory Climate	C000064
				Thet Lei Yee	Thailand	1-2-04	Low-Temperature Pyrolysis of PFAS-Laden Sludge: Removal Efficiency and Leaching from Biochar	C000132
				Joel James Thornton	United States of America	1-2-05	Transforming Biosolids: PFAS Destruction and Energy Innovation	C000070
				Mohammad Abu-Orf	United States of America	1-2-06	Fate of PFAS in Full-Scale Sludge Gasification Facility Including Air Testing	C000202
				Safwan Al Ayoubi	France	1-2-07	H2G Holistic Hydrothermal Gasification: A New Treatment for Pumpable Waste to Enhance Resource Value and Destroy Micropollutants Such as PFAS	C000130
	2-2	Room1	Anaerobic Digestion II: Co-digestion & Microbiology	Nirakar Pradhan	Hong Kong	2-2-01	Impact of organic waste type on microbial community dynamics in anaerobic digestion	C000004
				Jinxuan Tian	China	2-2-02	Leading the Way in Full-Scale Anaerobic Co-Digestion: Transforming Municipal Sludge and Brewery Wastewater into Enhanced Biogas Production	C000032
				Chirawit Leelayouthayotin	Hong Kong	2-2-03	Impact of chicken and pig manure co-digestion with food waste on methane yield	C000141
				Ayik Abdillah	Japan	2-2-05	Enhancing Sludge Stabilization and Methane Production in the Anaerobic Digestion of Palm Oil Mill Effluent Using Carbon Conductive Materials	C000224
				Lei Li	Singapore	2-2-06	Unraveling Molecular Weight-Dependent Biodegradability and Microbial Mechanisms of DOM in Thermal Hydrolysis-Pre-treated Sludge during Anaerobic Digestion	C000178
	3-2	Room2	Sludge Dewatering II: Fundamentals & Physicochemical Mechanisms	Ryota Aoba	Japan	3-2-01	History and evolution of sewage sludge thickening, conditioning and dewatering technology in Japan	C000209
				Kang Xiao	China	3-2-02	Exploring Sludge Dewaterability As a Function of Interfacial Energy	C000173
				Boran Wu	China	3-2-03	Mechanism insights into liquid polarity regulation for enhanced dewatering of waste-activated sludge	C000041
				Yizhang Jiang	China	3-2-04	Relationship between electron donor-acceptor capacity of organic components and sludge dewatering performance during pre-oxidation	C000058
				Jianpeng Zhou	United States of America	3-2-05	Effect of Cations in Digested Sludge on Dewaterability	C000199
	4-2	RoomG	Resource Valorization II: Biochar Production & Application	Yifan He	Thailand	4-2-01	Valorization of waste activated sludge into mesoporous biochar for rapid capacitive deionization: a circular approach to water treatment	C000103
				Tran Thi-Huyen Ngo	Taiwan	4-2-02	Enhanced Sulfanilamide Adsorption Using Biochar from NaOH-Pre-treated Sewage Sludge: A Sustainable Strategy for Waste Valorization	C000102
				Pranshu Bhatia	Japan	4-2-03	Harnessing Room-Temperature Anaerobic Digestion and Biochar-Amended Wetlands for Sustainable Sludge and Effluent Management	C000193
				Bao-Shan Xing	China	4-2-04	A rapid and low-cost recovery strategy for acidified anaerobic DMBR co-digestion systems by coupling magnetic biochar additive and discharged digestate bioaugmentation	C000062
				Jiwen Wu	China	4-2-05	Unlocking bio-hydrogen production potential from rice straw: the role of Fe/Mn biochar in alleviating carbon catabolite repression	C000018
				Kanako Akizuki	Japan	4-2-06	Characterization and Σ16 PAHs Assessment of Sludge-Derived Biochar for Agricultural Application	C000207
	5-2	Room A	Circular Agriculture II: Composting & Fertilizer Production	Motoomi Suzuki	Japan	5-2-01	Estimation of the Amount of Fertilizer Components contained in Methane Fermentation Digestate in Japan	C000182
				Enkhdul Tuuguu	Mongolia	5-2-02	Sustainable Sludge Management in Mongolia: Challenges and Opportunities	C000120
				Saleh M AlMuzaini	Kuwait	5-2-03	Composting of municipal wastewater sewage sludge by APS technology	C000007
				Yuichi Murata	Japan	5-2-05	The Hybrid Utilization of Granular Dried Sewage Sludge for Fuel and Fertilizer	C000129
	6-2	Room B	Low Carbon Society & Circular Economy	Jitrera Buates	Japan	5-2-07	Integrated Use of Sewage Sludge Compost and Liquid Digestate Enhances Rice Yield, Grain Nutrition, and Soil Quality	C000089
				John Paolo Lucin Lazarte	Philippines	6-2-01	Criteria evaluation for the selection of biosolids management options for land application in the Philippines using Analytic Hierarchy Process	C000185
				Selim L. Sanin	Turkey	6-2-03	Integrating Agricultural Residues and Sludge in Symbiotic Recycling: A Methodological Assessment for Biorefinery Development in Türkiye	C000149
				Koki Tsuji	Japan	6-2-05	Design of a sludge carbonization system utilizing the heat energy from a municipal solid waste incineration plant	C000157
				Julien Chauzy	Norway	6-2-06	Circular Economy: Seafeld WwTW Journey to Operational Excellence Achieving Net Energy Production and Effective Sludge Management - Veolia UK Success Story	C000158
	7-2	Room C	Industrial Organic Sludge Management	Derya Dursun	Turkey	6-2-07	DEMONSTRATION OF ADVANCED SLUDGE SEPARATION TREATMENT TECHNOLOGIES FOR DECARBONIZATION OF WASTEWATER TREATMENT PLANTS	C000220
				Rushanth Chandrabose	Sri Lanka	7-2-01	Effective Sludge Management of Palm Oil Milling Effluent	C000216
				Gen Satoyoshi	Japan	7-2-02	Advanced Sludge Management: Coupling Ammonia Fermentation and Stripping with Anaerobic Digestion of Chicken Manure	C000192
				Lijun Luo	Hong Kong	7-2-04	Influence of graphene nanoparticles on methane production from food waste	C000088
				Sanggyun Kim	Korea	7-2-05	Impact of CO2-Induced Scum on Dewaterability in Food Waste Anaerobic Digestate	C000061