

Time	Session Number	Room	Session Title	Presenter (Family, First)	Nationality	Abstract No.	Presentation Title
10/22 15:30- 17:50	1-2	Buzz Hall	Emerging Contaminants II: PFAS Qualification & Destruction	Mininni, Giuseppe	Italy	C000131	An extensive survey on the quality of municipal sludge in Italy
				Ormezi, Banu	Canada	C000212	PFAS Removal and Destruction Technologies: Assessing What Succeeds, What Fails, and Why
				Tsang, Kwok-Wai Richard	United States of America	C000064	Navigating the PFAS Hype - Biosolids Planning Through Uncertain Regulatory Climate
				Yee, Thet Lei	Thailand	C000132	Low-Temperature Pyrolysis of PFAS-Laden Sludge: Removal Efficiency and Leaching from Biochar
				Thornton, Joel James	United States of America	C000070	Transforming Biosolids: PFAS Destruction and Energy Innovation
				Abu-Orf, Mohammad	United States of America	C000202	Fate of PFAS in Full-Scale Sludge Gasification Facility Including Air Testing
	2-2	Room1	Anaerobic Digestion II: Co-digestion & Microbiology	Al Ayoubi, Safwan	France	C000130	H2G Holistic Hydrothermal Gasification: A New Treatment for Pumpable Waste to Enhance Resource Value and Destroy Micropollutants Such as PFAS
				Pradhan, Nirakar	Hong Kong	C000004	Impact of organic waste type on microbial community dynamics in anaerobic digestion
				Tian, Jinxuan	China	C000032	Leading the Way in Full-Scale Anaerobic Co-Digestion: Transforming Municipal Sludge and Brewery Wastewater into Enhanced Biogas Production
				Leelayouthayotin, Chirawit	Hong Kong	C000141	Impact of chicken and pig manure co-digestion with food waste on methane yield
				Makian, Masoud	Korea	C000083	Improving Nitrogen Recovery from Sludge Cake through Pretreatment and Co-Digestion
				Abdillah, Ayik	Japan	C000224	Enhancing Sludge Stabilization and Methane Production in the Anaerobic Digestion of Palm Oil Mill Effluent Using Carbon Conductive Materials
	3-2	Room2	Sludge Dewatering II: Fundamentals & Physicochemical Mechanisms	Li, Lei	Singapore	C000178	Unraveling Molecular Weight-Dependent Biodegradability and Microbial Mechanisms of DOM in Thermal Hydrolysis-Pretreated Sludge during Anaerobic Digestion
				Li, Yuxuan	UK	C000152	Characterization of Microwave Pretreatment Effects on Sludge Anaerobic Digestion Using EEM-PARAFAC Analysis
				Aoba, Ryota	Japan	C000209	History and evolution of sewage sludge thickening, conditioning and dewatering technology in Japan
				XIAO, Kang	China	C000173	Exploring Sludge Dewaterability As a Function of Interfacial Energy
				Wu, Boran	China	C000041	Mechanism insights into liquid polarity regulation for enhanced dewatering of waste-activated sludge
				jiang, yizhang	China	C000058	Relationship between electron donor-acceptor capacity of organic components and sludge dewatering performance during pre-oxidation
	4-2	RoomG	Resource Valorization II: Biochar Production & Application	Zhou, Jianpeng	United States of America	C000199	Effect of Cations in Digested Sludge on Dewaterability
				Chen, Qian	China	C000137	The improvement of sewage sludge conditioning and deep dewatering: pre-flocculation with cationic polyacrylamide
				He, Yifan	Thailand	C000103	Valorization of waste activated sludge into mesoporous biochar for rapid capacitive deionization: a circular approach to water treatment
				Ngo, Tran Thi-Huyen	Taiwan	C000102	Enhanced Sulfanilamide Adsorption Using Biochar from NaOH-Pretreated Sewage Sludge: A Sustainable Strategy for Waste Valorization
				Bhatia, Pranshu	Japan	C000193	Harnessing Room-Temperature Anaerobic Digestion and Biochar-Amended Wetlands for Sustainable Sludge and Effluent Management
				Xing, Bao-Shan	China	C000062	A rapid and low-cost recovery strategy for acidified anaerobic DMBR co-digestion systems by coupling magnetic biochar additive and discharged digestate bioaugmentation
	5-2	Room A	Circular Agriculture II: Composting & Fertilizer Production	Wu, Jiwen	China	C000018	Unlocking bio-hydrogen production potential from rice straw: the role of Fe/Mn biochar in alleviating carbon catabolite repression
				Kanako, Akizuki	Japan	C000207	Characterization and Σ16 PAHs Assessment of Sludge-Derived Biochar for Agricultural Application
				Panween, Ashma	India	C000159	Phosphorus Recovery from Sewage Sludge Biochar
				Suzuki, Motoomi	Japan	C000162	Estimation of the Amount of Fertilizer Components contained in Methane Fermentation Digestate in Japan
				Tuuguu, Enkhdul	Mongolia	C000120	Sustainable Sludge Management in Mongolia: Challenges and Opportunities
				AlMuzaini, Saleh M	Kuwait	C000007	Composting of municipal wastewater sewage sludge by APS technology
6-2	Room B	Low Carbon Society & Circular Economy	Ghazali, Ali Akbar	Iran	C000127	Sewage Sludge Treatment and Management for Granular Organic Fertilizer Production: A Case Study of Wastewater Treatment Plants in Mashhad, Eastern Iran	
			Murata, Yuichi	Japan	C000129	The Hybrid Utilization of Granular Dried Sewage Sludge for Fuel and Fertilizer	
			Hassan, Md. Kamrul	Finland	C000228	Characterization of sewage sludge-based organomineral fertilizers and evaluation of their effectiveness on growth and productivity of spring barley ( <i>Hordeum vulgare</i> L.)	
			Buates, Jittrera	Japan	C000089	Integrated Use of Sewage Sludge Compost and Liquid Digestate Enhances Rice Yield, Grain Nutrition, and Soil Quality	
			Lazarte, John Paolo Lucin	Philippines	C000185	Criteria evaluation for the selection of biosolids management options for land application in the Philippines using Analytic Hierarchy Process	
			Duma, Murilo	Brazil	C000068	Potential for reuse of sewage sludge as a sustainable fuel	
7-2	Room C	Industrial Organic Sludge Management	Sanin, Selim L.	Turkey	C000149	Integrating Agricultural Residues and Sludge in Symbiotic Recycling: A Methodological Assessment for Biorefinery Development in Türkiye	
			Li, Yemei	Japan	C000166	Sewage sludge-to-energy: Energy feasibility and environmental sustainability of upgrading anaerobic digestion systems	
			Tsuji, Koki	Japan	C000157	Design of a sludge carbonization system utilizing the heat energy from a municipal solid waste incineration plant	
			Chauzy, Julien	Norway	C000158	Circular Economy: Seafeld WwTW Journey to Operational Excellence Achieving Net Energy Production and Effective Sludge Management - Veolia UK Success Story	
			Okan, Bora	Turkey	C000220	DEMONSTRATION OF ADVANCED SLUDGE SEPARATION TREATMENT TECHNOLOGIES FOR DECARBONIZATION OF WASTEWATER TREATMENT PLANTS	
			Chandrabose, Rushanth	Sri Lanka	C000216	Effective Sludge Management of Palm Oil Milling Effluent	
7-2	Room C	Industrial Organic Sludge Management	Satoyoshi, Gen	Japan	C000192	Advanced Sludge Management: Coupling Ammonia Fermentation and Stripping with Anaerobic Digestion of Chicken Manure	
			Senol, Abdullah Bugra	Norway	C000135	Enhancing Mono-Digestion of Land-Based Recirculating Aquaculture System Sludge Using Biochar	
			Luo, Lijun	Hong Kong	C000088	Influence of graphene nanoparticles on methane production from food waste	
			Kim, Sanggyun	Korea	C000061	Impact of CO2-Induced Scum on Dewaterability in Food Waste Anaerobic Digestate	