

ID	Presenter	Nationality	Abstract No.	Presentation Title
P1	Pavel Jeníček	Czech Republic	C000104	The Impact of Primary Sludge Quality on Biogas Production
P2	Shunichi Mishima	Japan	C000077	Evaluation of incineration systems that help reduce CO2 emissions from sludge incineration
P3	Angela Marchetti	Italy	C000204	Powering Wastewater Treatment Circularity: Hydrogen Production through Microbial Electrolysis Cells
P4	Takeshi Sannomiya	Japan	C000233	Utilisation of Sludge-derived Ligno-Humic-Like Compounds as Electrocatalytic Booster in Bioelectrochemistry
P5	Marco Zeppilli	Italy	C000205	Rational Planning of Cooperation between Wastewater Treatment Plant and Municipal Solid Waste Incinerator — a Case Study in Henan Province, China
P6	Chia-Chang Lin	Taiwan	C000012	Continuous production of sulfidized nanoscale zero-valent iron using a rotating packed bed with blade packings
P7	Thu Huong Nguyen	Japan	C000146	Magnetite and the Decolorization-Methanogenesis Relationship: Insights from Batch Experiments
P8	Jinkeun Kim	Korea	C000015	Case Study of Climate Change Adaptation for Wastewater Treatment Plants in Jeju Island (South Korea)
P9	Fumiko Oritate	Japan	C000112	Assessment of Sewage Sludge Fertilizer Efficacy on Wheat Growth via Pot Experiment
P10	Libing Chu	China	C000010	Removal of antibiotics in sewage sludge using ionizing irradiation
P11	Stephen Riches	UK	C000210	Application of Advanced Thermal Conversion Technology – Addressing the knowledge gaps
P12	Kun Fu	China	C000030	Visible-Light Driven Bi2MoO6 Nanosheets for Emerging Micropollutants Mineralization in Sludge Dewatering Centrate
P13	Yuan Liu	Japan	C000116	The solid-liquid distribution of Per- and Polyfluoroalkyl Substances in sludge pretreatment and dewatering Process
P14	Jing Yang	China	C000073	PFAS Contamination in Chinese Municipal Sludge: Profiles, Incineration Strategies, and Environmental Implications
P15	Toma Matsunaga	Japan	C000124	Concentration and change of 30 PFAS and fertilizer content in dewatered sewage sludge and incineration ash
P16	Hongmok Jo	Korea	C000145	Residual Antibiotics and Antibiotic Resistance Genes in Sewage Sludge: A Comparative Assessment of Wastewater Treatment Plants in South Korea
P17	Yasumasa Hirato	Japan	C000189	Thermal Destruction Behavior of Perfluorononanoic Acid (PFNA) in a Commercial Scale Melting Separation Plant
P18	Yian Sun	United States of America	C000187	Assess the Sustainability of Biosolids Management via Conventional Anaerobic Digestion and Emerging Technologies Using a Comparative Life Cycle Analysis
P19	Riku Oono	Japan	C000167	Planning of two renewal measures by wastewater treatment plants through integrated sludge treatment and centralized sludge carbonization.
P20	Liewen Liu	China	C000208	Greenhouse Gas Reduction through Biogas Production from Polylactic Acid (PLA) at Wastewater Treatment Plants
P21	Sudhir Pillay	South Africa	C000147	From Stockpiles to Solutions: Evaluating Sludge Management Practice Costs Including Faecal Sludge Management (FSM) in South African Municipalities
P22	Junya Yano	Japan	C000219	Historical Changes in Sewage-Sludge Treatment in Japan and Implemented Policies
P23	Shu Wang	China	C000014	Sympatric gradient utilization of human urine to induce the recovery of short chain fatty acids and vivianite
P24	Hiroyuki Fujimoto	Japan	C000019	Study on Operational Results of Sewage Sludge-Derived Fiber Utilization System
P25	Wenyu Li	Japan	C000040	Nitrogen removal from high-saline municipal wastewater via anammox-based process driven by both nitrification and denitrification
P26	Masato Nakamura	Japan	C000100	Effects of Continuous Application of Sludge Compost on Fertilizer Efficiency and Nitrogen Leaching from Upland Field
P28	Jitrera Buates	Japan	C000090	Feasibility of Combined Composted Sewage Sludge and Surplus Activated Sludge as Fertilizers in Forage Rice Production
P29	You Wu	China	C000113	Multi-omics Reveals Mechanism of Hydroxylamine-Enhanced Nitrogen Removal in Pilot-Scale Anaerobic/Aerobic/Anoxic System
P30	Toyohisa MIYAMOTO	Japan	C000142	Factors influencing citric acid-soluble phosphorus in incinerated sewage sludge ash in Japan
P31	Mateusz Skalny	Poland	C000160	Removal of extracellular DNA and phosphate recovery using drinking water treatment residuals: an adsorbent regeneration aspects
P32	Gaku Ishibashi	Japan	C000153	Maximizing Volatile Fatty Acids and Ammonia Recovery from Chicken Manure: Mesophilic vs Thermophilic Semi-Continuous Anaerobic Fermentation
P33	Min-sang Kim	Korea	C000177	Promoting Community Awareness and Adoption of Biogas Technology for Sustainable Development in Tanzania
P34	Motoya Iwamura	Japan	C000191	Solubilization of phosphorus and heavy metals from anaerobic digested sewage sludge by alkaline treatment

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P35	Selim L. Sanin	Turkey	C000195	Biochar from WWTP Sludge: A Sustainable Approach for Environmental Sludge management
P36	Daisuke Inoue	Japan	C000222	Comparative Evaluation of Polyhydroxyalkanoates Recovery Methods for a Mixed Microbial Culture Derived from Waste Activated Sludge
P37	Stephen Riches	UK	C000217	A Resource Recovery Prioritisation Tool for The UK and Irish Water Industry
P38	Masaya Ida	Japan	C000229	Demonstration Research on Sewage Resources Utilization by Phosphorus Recovery System Using Calcium Silicate Material
P39	Mutsumi Fujita	Japan	C000105	Current States of Sludge Fertilizer Production in Rural Areas of Japan and Differences in Fertilizer Nutrients by Production Methods
P40	Junghyeon Kim	Korea	C000076	Improvement of Dewaterability through Thermal Dewatering of Anaerobic Digested Sludges Derived from Food Waste and Nonconventional Biomass
P41	Siqi Xu	UK	C000107	Investigating the Seasonal Variation of Sewage Sludge and Rapid Analysis of Sludge Organic Macromolecules Using Thermogravimetric Analysis
P42	Masanobu Takashima	Japan	C000143	Effect of Aluminum on Thermophilic Anaerobic Digestion of Sewage Sludge
P43	Haichao Luo	China	C000186	Stepwise phosphorus fixation, oxidation disintegration and re-flocculation to enhance the dewaterability of anaerobically digested sludge
P44	GYEONGSOO KIM	Japan	C000172	Effects of Zero-Valent Iron Addition on Carbon Dioxide Biomethanation and Microbial Community Structure in Mesophilic and Thermophilic Anaerobic Digestion
P45	Sang-Hyoun Kim	Korea	C000043	Effects of solids concentration and thermal pretreatment on anaerobic digestion of dewatered sludge
P46	William Barber	United States of America	C000044	Influence of digestion and thermal hydrolysis on pyrolysis of municipal sewage sludge
P47	Mathieu Haddad	France	C000051	Predicting municipal sludge volatile solids reduction in industrial anaerobic digesters based on 32 years of data
P48	Elif Bahcecioglu	Turkey	C000053	Fate and Effect of PET Microplastics in Anaerobic Sludge Digestion After Alkaline-Thermal Disintegration
P49	Yoshinori Sugie	Japan	C000054	Effects of Slaked Lime Addition on Sewage Sludge Incineration: Agglomeration, Phosphorus Bioavailability, and Desulfurization
P50	Yejin Kim	Korea	C000065	Synergistic Conditioning of DFWS: Biochar as a Skeleton Builder for Enhanced Dewaterability
P51	Miri Matsubayashi	Japan	C000085	Simultaneous Enhancement of Anaerobic Digestion and Dewatering of Waste Activated Sludge via Acid Pretreatment
P52	Imgyu Byun	Korea	C000066	The Application of Filter Press Systems for Dewatering Efficiency of Composite Biomass Digested Sludge
P53	Majed Alsubih	Saudi Arabia	C000194	Removal of Per- and Polyfluoroalkyl Substances (PFAS) from Wastewater Treatment Plant Sludge by Pyrolysis
P54	Stella Chan	Japan	C000176	Beyond Conductive Materials: Immobilizing Anaerobic Microbes in Hydrogels for Enhanced AD Performance
P55	Qiuyan Yuan	Canada	C000234	Composting of Chemical Precipitated Sludge as a Strategy for Sludge Stabilization and Phosphorus Reuse
P56	KYUNGSOO MIN	Japan	C000182	Long-Term Prediction of Sludge Characteristics Toward 2050 Using Machine Learning and an Integrated Assessment Tool
P57	Khadeeja Parveen Kallarakkal	India	C000198	Monitoring Up-flow Anaerobic Sludge Blanket Reactors: Develop early warning strategies to prevent failure from elevated substrate concentration
P58	Gabriella Ayat	Netherlands	C000227	Optimization of Faecal Sludge Drying Using Infrared Radiation: Energy Efficiency and Nutrient Recovery
P59	Junyeong Yoo	Japan	C000203	Impact of soluble EPS on indirect thermal dryer fouling

Venue Map

