

ID	Presenter	Nationality	Abstract No.	Presentation Title
A-01	Mutsumi Fujita	Japan	C000105	Current States of Sludge Fertilizer Production in Rural Areas of Japan and Differences in Fertilizer Nutrients by Production Methods
A-02	Junghyeon Kim	Korea	C000076	Improvement of Dewaterability through Thermal Dewatering of Anaerobic Digested Sludges Derived from Food Waste and Nonconventional Biomass
A-03	Siqi Xu	UK	C000107	Investigating the Seasonal Variation of Sewage Sludge and Rapid Analysis of Sludge Organic Macromolecules Using Thermogravimetric Analysis
A-04	Masanobu Takashima	Japan	C000143	Effect of Aluminum on Thermophilic Anaerobic Digestion of Sewage Sludge
A-05	Withdraw			
A-06	GYEONGSOO KIM	Japan	C000172	Effects of Zero-Valent Iron Addition on Carbon Dioxide Biomethanation and Microbial Community Structure in Mesophilic and Thermophilic Anaerobic Digestion
A-07	Sang-Hyoun Kim	Korea	C000043	Effects of solids concentration and thermal pretreatment on anaerobic digestion of dewatered sludge
A-08	William Barber	United States of America	C000044	Influence of digestion and thermal hydrolysis on pyrolysis of municipal sewage sludge (Paper Presentation)
A-09	Mathieu Haddad	France	C000051	Predicting municipal sludge volatile solids reduction in industrial anaerobic digesters based on 32 years of data
A-10	Elif Bahcecioglu	Turkey	C000053	Fate and Effect of PET Microplastics in Anaerobic Sludge Digestion After Alkaline-Thermal Disintegration
A-11	Yoshinori Sugie	Japan	C000054	Effects of Slaked Lime Addition on Sewage Sludge Incineration: Agglomeration, Phosphorus Bioavailability, and Desulfurization
A-12	Yejin Kim	Korea	C000065	Synergistic Conditioning of DFWS: Biochar as a Skeleton Builder for Enhanced Dewaterability
A-13	Miri Matsubayashi	Japan	C000085	Simultaneous Enhancement of Anaerobic Digestion and Dewatering of Waste Activated Sludge via Acid Pretreatment
A-14	Imgyu Byun	Korea	C000066	The Application of Filter Press Systems for Dewatering Efficiency of Composite Biomass Digested Sludge
A-15	Withdraw			
A-16	Stella Chan	Japan	C000176	Beyond Conductive Materials: Immobilizing Anaerobic Microbes in Hydrogels for Enhanced AD Performance
A-17	Withdraw			
A-18	KYUNGSOO MIN	Japan	C000182	Long-Term Prediction of Sludge Characteristics Toward 2050 Using Machine Learning and an Integrated Assessment Tool
A-19	Withdraw			
A-20	Junyeong Yoo	Japan	C000203	Impact of soluble EPS on indirect thermal dryer fouling
A-21	Withdraw			
B-01	Shu Wang	China	C000014	Sympatric gradient utilization of human urine to induce the recovery of short chain fatty acids and vivianite
B-02	Yuma Okiguchi	Japan	C000019	Study on Operational Results of Sewage Sludge-Derived Fiber Utilization System
B-03	Withdraw			
B-04	Masato Nakamura	Japan	C000100	Effects of Continuous Application of Sludge Compost on Fertilizer Efficiency and Nitrogen Leaching from Upland Field
B-05	Withdraw			
B-06	Jitrera Buates	Japan	C000090	Feasibility of Combined Composted Sewage Sludge and Surplus Activated Sludge as Fertilizers in Forage Rice Production
B-07	Withdraw			
B-08	Toyohisa MIYAMOTO	Japan	C000142	Factors influencing citric acid-soluble phosphorus in incinerated sewage sludge ash in Japan
B-09	Mateusz Skalny	Poland	C000160	Removal of extracellular DNA and phosphate recovery using drinking water treatment residuals: an adsorbent regeneration aspects
B-10	Gaku Ishibashi	Japan	C000153	Maximizing Volatile Fatty Acids and Ammonia Recovery from Chicken Manure: Mesophilic vs Thermophilic Semi-Continuous Anaerobic Fermentation
B-11	Withdraw			
B-12	Motoya Iwamura	Japan	C000191	Solubilization of phosphorus and heavy metals from anaerobic digested sewage sludge by alkaline treatment
B-13	Selim L. Sanin	Turkey	C000195	Biochar from WWTP Sludge: A Sustainable Approach for Environmental Sludge management
B-14	Daisuke Inoue	Japan	C000222	Comparative Evaluation of Polyhydroxyalkanoates Recovery Methods for a Mixed Microbial Culture Derived from Waste Activated Sludge
B-15	Richard Lancaster	UK	C000217	A Resource Recovery Prioritisation Tool for The UK and Irish Water Industry

ID		Nationality	Abstract No.	Presentation Title
B-16	Masaya Ida	Japan	C000229	Demonstration Research on Sewage Resources Utilization by Phosphorus Recovery System Using Calcium Silicate Material
C-01	Libing Chu	China	C000010	Removal of antibiotics in sewage sludge using ionizing irradiation
C-02	(Ross Wilson)	UK	C000210	Application of Advanced Thermal Conversion Technology – Addressing the knowledge gaps
C-03	Kun Fu	China	C000030	Visible-Light Driven Bi ₂ MoO ₆ Nanosheets for Emerging Micropollutants Mineralization in Sludge Dewatering Centrate
C-04	Yuan Liu	Japan	C000116	The solid-liquid distribution of Per- and Polyfluoroalkyl Substances in sludge pretreatment and dewatering Process
C-05	Withdraw			
C-06	Toma Matsunaga	Japan	C000124	Concentration and change of 30 PFAS and fertilizer content in dewatered sewage sludge and incineration ash
C-07	Withdraw			
C-08	Yasumasa Hirato	Japan	C000189	Thermal Destruction Behavior of Perfluorononanoic Acid (PFNA) in a Commercial Scale Melting Separation Plant
D-01	Sudhir Pillay	South Africa	C000147	From Stockpiles to Solutions: Evaluating Sludge Management Practice Costs Including Faecal Sludge Management (FSM) in South African Municipalities
E-01	Pavel Jeníček	Czech Republic	C000104	The Impact of Primary Sludge Quality on Biogas Production
E-02	Shunichi Mishima	Japan	C000077	Evaluation of incineration systems that help reduce CO ₂ emissions from sludge incineration
E-03	Angela Marchetti	Italy	C000204	Powering Wastewater Treatment Circularity: Hydrogen Production through Microbial Electrolysis Cells
E-04	Takeshi Sannomiya	Japan	C000233	Historical Changes in Sewage-Sludge Treatment in Japan and Implemented Policies
E-05	Marco Zeppilli	Italy	C000205	Utilisation of Sludge-derived Ligno-Humic-Like Compounds as Electrocatalytic Booster in Bioelectrochemistry
E-06	Liewen Liu	Japan	C000208	Rational Planning of Cooperation between Wastewater Treatment Plant and Municipal Solid Waste Incinerator — a Case Study in Henan Province, China
F-01	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
F-02	Riku Oono	Japan	C000167	Planning of two renewal measures by wastewatertreatment plants through integrated sludge treatment and centralized sludge carbonization.
H-01	Junya Yano	Japan	C000219	Greenhouse Gas Reduction through Biogas Production from Polylactic Acid (PLA) at Wastewater Treatment Plants
I-01	Withdraw			
I-02	Thu Huong Nguyen	Japan	C000146	Magnetite and the Decolorization-Methanogenesis Relationship: Insights from Batch Experiments
I-03	Jinkeun Kim	Korea	C000015	Case Study of Climate Change Adaptation for Wastewater Treatment Plants in Jeju Island (South Korea)
I-04	Fumiko Oritate	Japan	C000112	Assessment of Sewage Sludge Fertilizer Efficacy on Wheat Growth via Pot Experiment

Venue Map

Session A: Sludge thickening, digestion, conditioning, dewatering, drying, composting and thermal treatment

Session B: Recycling and resource recovery

Session C: Emerging contaminants in sludge

Session D: Industrial sludge management & fecal sludge management

Session E: Energy recovery and greenhouse gas emission

Session F: Lifecycle analysis of sludge management system

Session H: New policy and legal framework of sludge management

Session I: Other related topic Session

