

| Time | Session Number | Room | Session Title | Presenter (Family, First) | Nationality | Abstract No. | Presentation Title |
|----------------------|----------------|-----------|--|------------------------------|--------------------------|--------------|---|
| 10/23 10:30-12:10 | 1-3 | Buzz Hall | Emerging Contaminants III: Microplastics & Antimicrobial Resistance | Sanin, Dilek F. | Turkey | C000056 | Comparison of Mesophilic and Thermophilic Digestion of Enzyme Treated Sludge with Polypropylene Microplastics |
| | | | | Prasetya, Kevin Daffa | Taiwan | C000093 | Characterizing sludge-derived microplastics: Insights from spatiotemporal patterns, ecological risks, and their implications on sewage sludge management |
| | | | | İpek Ayça | Turkey | C000055 | Impact of Disintegration Methods on Sludge Solubilization and BPA Leaching from Polycarbonate Microplastics |
| | | | | Huang, Kui | China | C000122 | Efficacy of bacteriophage inoculation for reducing of fecal coliforms and antibiotic resistance genes in sludge vermicomposting |
| | | | | Siti Asah, Md Ali | Japan | C000163 | Dissemination of Antibiotic Resistance Genes in Rice Paddy Soils Amended with Composted Sewage Sludge |
| | 2-3 | Room 1 | Anaerobic Digestion III: Biogas Upgrading & GHG Mitigation | Nomura, Masaaki | Japan | C000232 | Influence of hydrogen supply factors on in-situ biological biogas upgrading in thermophilic anaerobic digestion of sewage sludge |
| | | | | Niebauer, Xaver | Germany | C000128 | Membrane-based rejection of metabolic water in trickle bed reactors for biological methanation |
| | | | | Yamaguchi, Hirono | Japan | C000024 | Biogas Upgrading by ex-situ Biomethanation process using Trickle Bed Reactor |
| | | | | Fujioka, Shino | Japan | C000022 | Pilot Plant Demonstration of ex-situ Biomethanation: Process Optimization for Biogas Upgrading |
| | | | | Aota, Kenji | Japan | C000180 | Field Tests of Ex-situ Bio-methanation Using Digestion Gas Generated from Sewage Sludge in Japan |
| | 3-3 | Room 2 | Electrochemical & Advanced Oxidation Processes and Analysis | Dirlestiyani, Lucky Caesar | Japan | C000126 | Methane Production in the Single-Chamber Microbial Electrolysis Cell Inoculated with Mesophilic Anaerobic Digestion Sludge: Impact of Applied Voltage and Electrolyte Composition |
| | | | | Matsuhashi, Namiki | Japan | C000170 | Electrodialytic Concentration of Fertilizer Elements from Centrate of Anaerobically Cultivated Excess Sludge |
| | | | | Jiang, Daqian | United States of America | C000214 | Proliferation of antibiotic resistant genes (ARGs) in electrified sludge treatment |
| | | | | Limmun, Warunee | Thailand | C000096 | Removal of Antibiotics from Water Sample and Anaerobically Digested Sewage Sludge Using Electrochemically Synthesized Potassium Ferrate |
| | | | | Sao, Myatmarlar | Myanmar | C000155 | The Resilience of Microbial Activity to Salinity Shock in Enhanced Sewer Self-Purification System |
| | 4-3 | Room G | Resource Valorization III: Advanced Nutrient Recovery | Ye, Min | China | C000197 | Novel Municipal Wastewater Treatment System for Energy Self-sufficiency Using Iron Recycling-driven Organic Capture and Side-stream AnMBR |
| | | | | Kochavi, Eiran | Israel | C000006 | Utilization of Thermo-Chemical Sludge Disintegration for Nutrients recovery from Waste Activated Sludge (WAS) |
| | | | | Guo, Zhengtong | China | C000079 | Enhancing hydrogen and vivianite recovery from waste activated sludge via microbial electrolysis cell assisted by iron anode |
| | | | | He, Zhen (Jason) | United States of America | C000042 | Electrochemical phosphorus recovery from sewage sludge |
| | | | | Müller, Linda K. | Germany | C000118 | Influence of Calcium on P-Recyclate from Sewage Sludge |
| | 5-3 | Room A | Circular Agriculture III: Contaminants and Sustainability Challenges | Fujiwara, Taku | Japan | C000075 | From Sewage Sludge to Agriculture: Governmental Initiatives, Technologies, and Sustainable Practices in Japan |
| | | | | Rajpal, Ankur | India | C000029 | Assessment of Sewage Sludge Quality and Treatment Technologies for Reutilization Potential in India |
| | | | | Zhu, Fenfen | China | C000059 | Mercury Behavior in "Ryegrass + soil" System with Sewage Sludge Applied |
| | | | | Vu, Anh The | Japan | C000049 | CuO and ZnO Nanoparticle Contamination in Composted Sewage Sludge: Effects on Rice Yield and Soil Dynamics |
| | | | | Takahashi, Naoki | Japan | C000169 | Leaching of Heavy Metals from Anaerobically Digested Sewage Sludge by Plasma Treatment |
| | 6-3 | Room B | Sustainability & Life-cycle Assessment | Lancaster, Richard | UK | C000218 | Global Challenges and Opportunities for Biosolids & Development of an Adaptive plan to mitigate |
| | | | | Kacprzak, Malgorzata Jadwiga | Poland | C000005 | Emerging Sewage Sludge Treatment Technologies for Land Carbon Sequestration: A Comprehensive Review |
| | | | | Dirk Jan Dinno Coligado | Philippines | C000231 | Linear Optimization of Sludge Transportation and Treatment Pathways in a Semi-Centralized Wastewater Treatment System in Metro Manila, Philippines |
| | | | | Manrique, Angelica Euara | Philippines | C000230 | Evaluating the environmental impact of different alternative Sludge Management strategies for Municipal Wastewater Treatment in Metro Manila using life cycle analysis |
| | | | | Garcia-Lopez, Carlos Daniel | Mexico | C000226 | Evaluating Sludge Management Strategies Using Wastewater Treatment Plant Simulations and Life Cycle Assessment |
| | 7-3 | Room C | Industrial Inorganic Sludge Management | Xue, Jinkai | Canada | C000213 | Reimagine Waste and Pollutants: Valorization of Water Treatment Residual (WTR) for Phosphate Recovery and Environmental Sustainability |
| | | | | Bajda, Tomasz | Poland | C000097 | From Waste to Value: Harnessing the Sorption Potential of Ferruginous Sludges for Sustainable Heavy Metal Remediation |
| | | | | Sidik, Fahrudin | Taiwan | C000133 | Energy-Efficient Recovery of Heavy Metals from Acidified Semiconductor Sludge by Membrane Capacitive Deionization (MCDI) |
| | | | | Le, Oanh Thi Kim | Viet Nam | C000201 | Evaluating the recycling potential of industrial sludge in Vietnam toward circular economy |
| | | | | Traa, Lars Petter | Norway | C000013 | Effective and Sustainable Treatment of Municipal and Industrial Sludges Using Advanced Anaerobic Digestion: A Polish Case Study |