

## POSTER PRESENTATION

Poster No.	Related Session	Paper Title	Presenter Name	Organization	Country
P9-1	Waste landfill & disposal	Selective Separation of Landfill Gas Using Hydroquinone Clathrates	Dongwon Lee	Department of Environmental Engineering, Kongju National University	Republic of Korea
P2-1	Characterization of industrial & hazardous waste	Electrochemical Behavior of Tungsten Carbide-Cobalt alloy using Molten Hydroxide under Low Temperature Condition	Phengxay Deevanhxay	National university of Laos	Laos
P2-2	Characterization of industrial & hazardous waste	A Study on TiO <sub>2</sub> -Coated Cenospheres for Photocatalytic Performance	Jieun Jeong	Kongju National University	South Korea
P10-1	Environmental safety of thermal treatment and waste to energy facilities	Effective Capture of Cesium Iodide (CsI) by Aluminosilicate Sorbents for the Treatment of Radioactive Gas from Spent Nuclear Fuel	Jae Hwan Yang	Chungnam National University	Republic of Korea
P12-1	Development of thermal treatment & waste to energy	Separation of Syngas (CO and H <sub>2</sub> ) using Polyamide Composite Membrane	Jeeban Poudel	Kongju National University	Republic of Korea
P12-2	Development of thermal treatment & waste to energy	Catalytic Steam Reforming of Toluene in a DBD Plasma Reactor over SiO <sub>2</sub> and ZSM-5 supported Fe-based catalysts	Yifei Sun	Beihang University	China
P12-3	Development of thermal treatment & waste to energy	Influence of Temperature on Syngas Production from Pyrolysis of Anaerobically Digested Sludge	Gabin Kim	Konkuk University	Korea
P7-1	Challenges for appropriate waste management	Potentiality of In-house Treatment for Khartoum State Medical Wastes	Nagwa Fadl Bashir	Zamzam University College	Sudan
P2-3	Characterization of industrial & hazardous waste	Adsorption Selectivity against Zinc of Amine Modified Mesoporous Silica with Different Pore Size	Tatsuo Nishihama	Nagoya University	JAPAN
P9-2	Waste landfill & disposal	Greenhouse Gas Emission from Two-stage Membrane Bioreactor Treating Municipal Solid Waste Leachate	Chart Chiemchaisri	Kasetsart University	Thailand
P2-4	Characterization of industrial & hazardous waste	Preparation of Magnetic BEA-type Zeolite via Dry-Gel Conversion Method	Vanseng Chounlamany	National University of Laos	Lao PDR
P12-4	Development of thermal treatment & waste to energy	Kofu-kyoto Waste to Energy plant Stable operation record of Fluidized-bed Gasification and Melting Furnace	Koki Yamashita	KOBELCO ECO-SOLUTIONS	JAPAN
P12-5	Development of thermal treatment & waste to energy	Investigation on Formation of Methane Hydrate at Moderate Conditions for Energy Storage	Yuki KAMIMOTO	Nagoya University	Japan

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P10-2	Environmental safety of thermal treatment and waste to energy facilities	Effect of pH in Mercury Re-emission	Doah Kim	Department of Environmental Engineering, Chungbuk National University	Republic of Korea
P10-3	Environmental safety of thermal treatment and waste to energy facilities	Flow Characteristics in an Electrostatic Precipitator with Fan Operation Time	Dong-uk Kim	Department of Environmental Engineering, Chungbuk National University	Republic of Korea
P10-4	Environmental safety of thermal treatment and waste to energy facilities	Flow Characteristics in an Electrostatic Precipitator at Different Environment	Dong-uk Kim	Department of Environmental Engineering, Chungbuk National University	Republic of Korea
P8-1	Recovery process on industrial & hazardous waste	Recovery of Decane using Vacuum Swing Adsorption	Jeongmin Park	Department of Environmental Engineering, Chungbuk National University	Republic of Korea
P8-2	Recovery process on industrial & hazardous waste	Mercury Analysis for the Adsorption of Commercial Activated Carbon	Sinang Choi	Department of Environmental Engineering, Chungbuk National University	Republic of Korea
P8-3	Recovery process on industrial & hazardous waste	Mercury Analysis for the Adsorption of Prepared Activated Carbon	Sinang Choi	Department of Environmental Engineering, Chungbuk National University	Republic of Korea
P3-1	Characterization and valorisation of organic waste	Evaluation of Different Sewage Sludges as a Potential of Biodiesel Source	Febrian Rizkianto	Kyoto University	Japan
P13-1	Life cycle assessment and other assessment tools	The relationship between businesses' handled amount and released/transferred amount of chemical substances according to the PRTR system	Satoshi Mizutani	Osaka City University	Japan

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P12-6	Development of thermal treatment & waste to energy	Pyrolysis Characteristics of Biomass and Marine Waste Buoys Mixture by Thermogravimetric Analysis	Soyoung Han	Korea Institute Machinery & Materials	South Korea
P10-5	Environmental safety of thermal treatment & waste to energy facilities	Immobilization of Toxic Metals in MSWI Fly Ash by Geopolymerization using Incinerator Bottom Ash	Yuma Kawasaki	Department of Environmental Engineering, Graduate School of Engineering, Kyoto University	Japan
P12-7	Development of thermal treatment & waste to energy	Characteristics of Municipal Solid Waste as a Source of SRF(Solid Refuse Fuel) Generated From Daejeon Metropolitan City, Korea	Hongkyoung Kim	Chungnam National University	Korea
P12-8	Development of thermal treatment & waste to energy	An Efficient Treatment of Mixed Plastic Wastes by SRF and Pyrolysis Process	Hae-Seung Lee	Gangwon State Univrsity	Korea
P6-1	Biological treatment of MSW	Enhancement of FOG Biodegradation using Bio-augmentation of Pseudomonas putida in Co-Digestion of Grease Trap Waste and Excess MBR Sludge	Wilai Chiemchaisri	Kasetsart University	Thailand
P9-3	Waste landfill & disposal	Mass Balance of Heavy Metals in One Closed Landfill site for Incinerator Residues in Japan	Yiqun Xiong	Kyoto University	Japan
P8-4	Recovery process on industrial & hazardous waste	CO <sub>2</sub> Utilization Using Metal Cation in Seawater-based Industrial Wastewater	Dongwoo Kang	Yonsei University	Korea
P12-9	Development of thermal treatment & waste to energy	Thermal destruction of Br-based compounds by monitoring of CO and mineralized Br	Shodai TAGUCHI	Osaka Institute of Technology	Japan
P6-2	Biological treatment of MSW	Lipid Removal Efficiency of Bacteria Isolated from Wastewater in Khlong Hok Area, Pathum Thani Province	Jantima Teeka	Rajamangala University of Technology Thanyaburi	Thailand
P9-4	Waste landfill & disposal	Evaluation of the geotechnical characteristics of waste disposal site in Thailand by the surface wave exploration	Shuichi Nagaoka	Japan Environmental Sanitation Center	Japan
P6-3	Biological treatment of MSW	Reduction in the Amount of Electricity Generated by Changes in Breeding Method of Daily Cows to Free Stalls on Biogas Production	Hitoshi Ogawa	Tamagawa University Research Institute	Japan
P2-5	Characterization of industrial & hazardous waste	Mechanical and Structural Properties for Recycled Thermoplastics	Tsukasa Sato	National Institute of Technology, Tsuruoka College	Japan

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P6-4	Biological treatment of MSW	Treatment of Grease Trap Waste using Bioaugmentation of Yeast Pure Culture	Wilai Chiemchaisri	Kasetsart University	Thailand
P9-5	Waste landfill & disposal	A Study on the Environmental Assessment of the Closure and Postclosure Landfill in Korea	Sangkeun Kim, Jaehyung Chung, Jun Yu, Seongpil Hwang	Korea Institute of Construction Technology	korea
P8-4	Recovery process on industrial & hazardous waste	Separation of Cl from vaporized KCl during its condensation	Kohei Saito	Osaka Institute of Technology	Japan
P12-10	Development of thermal treatment & waste to energy	The catalyst properties for the high temperature water gas shift reaction depending on the concentration of precursor	Dae-Woon Jeong	Changwon National University	South Korea
	Life cycle assessment and other assessment tools	A Waste Composition Survey of Spray Cans and Cassette Cylinder from Households in Kyoto	Junya Yano	Kyoto University	Japan
P8-5	Recovery process on industrial & hazardous waste	A new method for the recovery of high purity copper from plating wastes	Han S. Kim	Konkuk University	South Korea
P2-6	Characterization of industrial & hazardous waste	Identification of residual sludge due to high concentrations of Fe & Mn contained in bank filtrate	Daeyoung Kwon, Junho Kim	Inje University	Korea
P13-2	Life cycle assessment and other assessment tools	A study of HBCD levels and flow of products and waste materials in Korea	Yeji Jang	Chungnam National University	South of Korea
P13-3	Life cycle assessment and other assessment tools	Recycling and greenhouse gas reduction of used glass bottles by EPR in Korea	Yuree Kwon	Chungnam National University	Korea