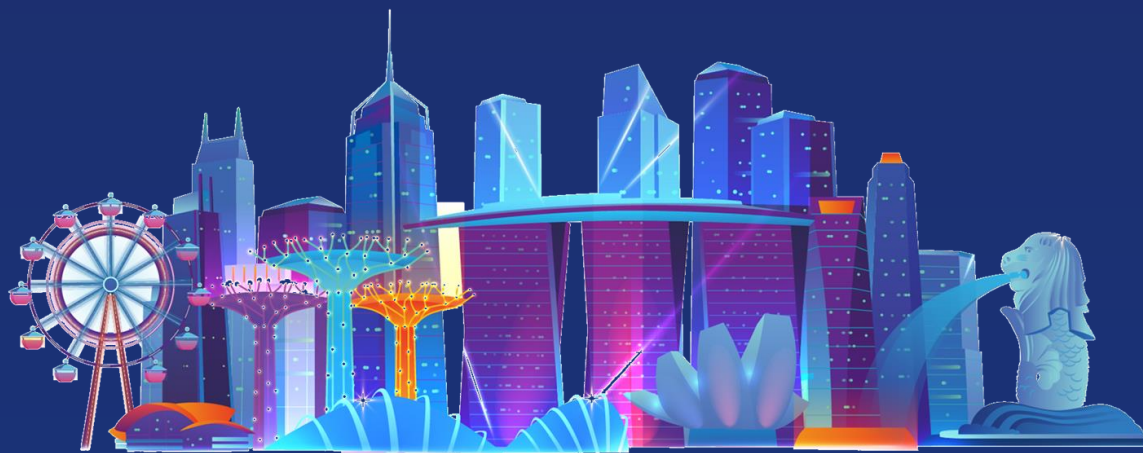


2023 Global ESG Forum in Singapore

Pursuing Sustainability through ESG

June 26(MON) ~ 29(THU), 2023 | CREATE, Singapore

Sustainable Plastic Management Program



International
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JUNE 28

Sustainable Plastic Management

Time	Program
Sustainable Plastic Management	
	Session Chair  Prof. Sung Yeon Hwang Director of IESGA & Professor of University of Science and Technology, Kyung Hee University, Korea
14:00 ~ 14:20	Sustainable Plastics: Challenges and Opportunities  Prof. Ning Yan Professor of College of Design and Engineering, NUS, Singapore
14:20 ~ 14:40	Potential Effects of Microplastics on Human Health  Prof. Qianru Zhang Professor of Institute of Agricultural Resource and Regional Planning of Chinese Academy of Agricultural Sciences, China
14:40 ~ 15:00	Environmental Footprints of Bioenergy Production/Waste Management and Application of Machine Learning Methods  Prof. Siming You Professor of James Watt School of Engineering, University of Glasgow, UK
15:00 ~ 15:30	Business Round Table with Prof. Ning Yan, Prof. Siming You, and Prof. Qianru Zhang
15:30 ~ 16:00	Networking Break
16:00 ~ 16:20	Migration behaviors and environmental risks of phthalate acid esters and microplastics from agricultural films  Prof. Fang Wang Professor of Institute of Soil Science, University of Chinese Academy of Sciences, China

JUNE 28

Sustainable Plastic Management

Time	Program
16:20 ~ 16:40	Conversion of food waste derived lipids to bio-based materials: Case of Polyurethane  Prof. Sunita Varjani Professor of City University of Hong Kong, China
16:40 ~ 17:00	Valorization of PVC Waste into Aromatic Hydrocarbons through VFD-Assisted Pyrolysis: A Sustainable Pathway Towards a High Value Circular Economy  Prof. Elsa Antunes Senior Lecturer of Center for Tropical Environmental and Sustainability Science, James Cook University, Australia
17:00 ~ 17:20	Effects of Microplastics on Soil Microbial Communities and Greenhouse Gas Emissions  Prof. Jinchun Tang Professor of Nankai University, China
17:20 ~ 17:40	Biodegradable Plastics: Challenges and Opportunities  Ms. Amasha Withana Researcher at IESGA & Korea University, Korea
17:40 ~ 18:10	Business Round Table with Prof. Fang Wang, Prof. Sunita Varjani, Prof. Elsa Antunes, Prof. Jinchun Tang, and Ms. Amasha Withana
18:10 ~ 18:20	Closing Remark  Prof. Yong Sik Ok President of IESGA & Program Director of APRU SWM, Korea