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Scientific Program

Joint Meeting on

2nd Annual Congress on
ENVIRONMENTAL POLLUTION AND HEALTH HAZARDS
and
9th World Convention on
RECYCLING AND WASTE MANAGEMENT

October 22-23, 2018 Osaka, Japan



Hosting Organization: Conference Series LLC LTD

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Day 01 October 22, 2018

08:45-09:15 Registrations

Tachibana

conferenceseries.com **09:15-09:30** Opening Ceremony

Keynote Forum

09:30-10:15
Title: Current developments in closing the recycling loop of PLA
Adina Anghelescu-Hakala, VTT Technical Research Centre of Finland Ltd, Finland

10:15-11:00
Title: Recycled concrete aggregates from construction and demolition waste in India – CO_2 binding by carbonation
Christian J Engelsen, Stiftelsen for Industriell Og Teknisk Forskning (SINTEF), Norway

Group Photo

Networking & Refreshments Break: 11:00-11:15 @ Foyer

Session: Pollution Solutions | Plastic Pollution | Pollution Analysis | Risk assessment | Recycling Business | Solid Waste Management | E-Wastes | Environmental Sustainability and Development | Pollution Sources & Effects

Session Introduction

Session Chair: Christian J Engelsen, Stiftelsen for Industriell Og Teknisk Forskning (SINTEF), Norway

11:15-11:45
Title: Evalution of elemental mercury removal by different adsorbents
Hsing-Wang Li, China Steel Corporation, Taiwan

11:45-12:15
Title: Recovering ammonia from ammonia-rich wastewater by vacuum stripping using a rotating packed bed
Min-Hao Yuan, China Medical University, Taiwan

12:15-12:45
Title: Challenges of waste management and recycling: Untold stories from a developing country
Mehe Z Rahman, North South University, Bangladesh

Lunch Break: 12:45-13:45 @ The Cafe

13:45-14:15
Title: Estimation of production and rate of consumerism for electronic wastes of Arak City for prospecting purposes and policies for these wastes
Amir Hedayati Agmashhadi, Arak University, Iran

14:15-14:45
Title: Formulation of new generation silicate fertilizer from P industry waste to sustain rice crop production under salt stress environment
Mukkram Ali Tahir,University of Sargodha, Pakistan

14:45-15:15
Title: A diagnostics of changes in residential energy consumption in Cameroon and main influence factors using LMDI
Earnest Nfor Koshi, China University of Petroleum, China

Networking & Refreshments Break: 15:15-15:30 @ Foyer

15:30-16:00
Title: Detailed investigation of tropospheric ozone concentrations in a major metropolitan Indian city
Aman Saxena, Creative Synergies Group, India

16:00-16:30
Title: Effects of inorganic contaminants on the quality of river water in the Eastern Cape Province, South Africa
Sesethu Vumazonke, Rhodes University, South Africa

Panel Discussion

Day 2 October 23, 2018

Tachibana

Young Researchers Forum

Session Introduction

Session Chair: Adina Anghelescu-Hakala, VTT Technical Research Centre of Finland Ltd, Finland

9:30-10:00	**Title: Recovery of gold from WEEE using bio-based mesoporous materials: Starbons®.** **Jennifer Attard**, Green Chemistry Centre of Excellence-University of York, UK
10:00-10:30	**Title: The effect of post-communism on waste electrical and electronic equipment (WEEE): An empirical study on lifetime of home appliances** **Sinae Park**, Seoul National University, South Korea
10:30-11:00	**Title: Perturbation of neurotransmitter profile in the central nervous system of zebrafish (Danio rerio) in relation to neurobehavioral changes induced by a neuroactive environmental contaminant Fluoxetine** **Man Shan Yau**, City University of Hong Kong, China
	Networking & Refreshments Break: 11:00-11:15 @ Foyer
11:15-11:45	**Title: Stability issue of selected 2-, 3- and 4-ring parent and mono-hydroxylated polycyclic aromatic hydrocarbons in municipal sewage, a factor affecting their use as population exposure markers for wastewater-based epidemiology** **Ka-Ki Yuen**, City University of Hong Kong, China
11:45-12:15	**Title: The ability of consortia microbes to reduce chlorpyrifos contaminant on hot peppers plant** **Ina Zulaehah**, Indonesian Agricultural Environment Research Institute, Indonesia
12:15-12:45	**Title: Association between urinary arsenic profiles and DNA hypomethylation in a case-control study of urothelial carcinoma** **Chi-Jung Chung**, China Medical University, Taiwan
	Lunch Break: 12:45-13:45 @ The Cafe
	Poster Presentation @ 13:45-14:45
EPWR-1	**Title: Challenges in developing sustainable resources: Electrochemical catalysis** **Hyun Gil Cha**, Korea Research Institute of Chemical Technology, South Korea
EPWR-2	**Title: Synthesis of bio-derived carbon/silica composites for the removal of gold from aqueous solutions** **Konstantina Sotiriou**, University of York, UK
EPWR-3	**Title: Is exposure to dioxin (PCDD/Fs) a risk factor for metabolic syndrome?** **Ping-Hsuan Haung**, China Medical University, Taiwan
	Awards & Closing Session
	Networking & Refreshment Break: 14:45-15:00 @ Foyer

