

Scientific Program

11th World Congress and Expo on

Recycling

June 13-14, 2019 | Edinburgh, Scotland

DAY-1

June 13, 2019

Meeting Hall: **Gifford**

08:30-09:30 Registrations

Opening Ceremony **09:30-09:50**

KEYNOTE FORUM

09:50-10:00 Introduction

10:00-10:40 **Title: Rethinking recycling as an environmental solution and wider business for circular economy. The Curitiba case study for C&D waste**
Marisa Soares Borges, Federal University of Paraná, Brazil

10:40-11:20 **Title: Different methods for turning olive pomace in resource: Benefits of the end products for agricultural purpose**
Muscolo Adele, Mediterranea University, Italy

GROUP PHOTO

Networking & Refreshments 11:20-11:40 @ Dunedin Bar Area

11:40-12:20 **Title: Recovery of copper and non-metallic fractions from waste printed circuit base boards**
Szabolcs Fogarasi, Babeş-Bolyai University, Romania

12:20-13:00 **Title: Recycling and combating air pollution in Naryn**
Shabnam S. Lutafali, UCA | AKDN, Kyrgyzstan

Lunch Break 13:00-13:50 @ Westview Restaurant

Sessions: E-wastes Recycling, Reduce, Reuse, Recycle and Recovery, Solid Waste Management, Renewable Energies

Chair: Muscolo Adele, Mediterranea University, Italy

INTRODUCTION

13:50-14:20 **Title: Related scientific session: Reduce, reuse, recycle and recovery**
Filomena Compagno, Terracina Zero Waste Committee, Italy

14:20-14:50 **Title: Cost-benefit analysis of agricultural waste recycling in Taiwan**
Esher Hsu, National Taipei University, Taiwan

14:50-15:20 **Title: Recycling dredged sediment and potential energy harvest by nitrate induced biostimulation**
Dickson Y.S. Yan, Technological and Higher Education Institute of Hong Kong, Hong Kong

Networking & Refreshments 15:20-15:40 @ Dunedin Bar Area

15:40-16:10 **Title: Process concept based on pyrolysis for integration of Shredder Light Fractions (SLF) in the recycling of waste electrical and electronic equipment**
Fabian Diaz, RWTH Aachen University, Germany

16:10-16:40 **Title: Utilization of PVC wastes on concrete bicycle roads**
Hasan Baylavli, Hittite University, Turkey

16:40-17:10 **Title: A new recycling mode of WEEE under the background of "Internet +" in China**
Li Peng, Xi'an University of Technology, China

Panel Discussion

DAY-2

June 14, 2019

Meeting Hall: Gifford

KEYNOTE FORUM

09:30-10:10 **Title: Investigation of biogas generation from the wastes of a vegetable and cattle market of Bangladesh under daily feed condition**
Md. Abdul Jalil, Bangladesh University of Engineering and Technology (BUET), Bangladesh

10:10-10:50 **Title: Solid wastes recycled, reused for the increased in the wealth management**
Raagini Jaain, Geetanjali Envirotech, India

10:50-11:30 **Title: Technological advances in resource recovery and recycling for materials sustainability**
Brajendra Mishra, NSF Center for Resource Recovery & Recycling, USA

Networking & Refreshments 11:30-11:50 @ Dunedin Bar Area

POSTER PRESENTATIONS 11:50-12:30 @ DUNEDIN BAR AREA

Poster-01 **Title: Optimization of copper leaching conditions with RSM followed by electrolytic recovery**
Joona Rajahalme, University of Jyväskylä, Finland

Poster-02 **Title: Selective recovery of copper from flotation tailings using liquid-liquid extraction method with ACORGA P50 ligand**
Irena Herdzik-Koniecko, Institute of Nuclear Chemistry and Technology, Poland

Poster-03 **Title: Analysis on impact resistance of waste fiber recycled concrete slab**
Tianbei Kang, Shenyang Jianzhu University, China

Poster-04 **Title: Investigation of copper leaching from flotation tailings using of radiotracers**
Tomasz Smoliński, Institute of Nuclear Chemistry and Technology, Poland

Poster-05 **Title: Recycling and combating air pollution in Naryn**
Shabnam S. Lutafali, UCA|AKDN, Kyrgyzstan

Lunch Break 12:30-13:20 @ Westview Restaurant

Sessions: Solid waste management, Bio-plastics, Science and Technology in Waste Treatment, Waste to energy, Reduce, Reuse, Recycle and Recovery

Chair: Brajendra Mishra, NSF Center for Resource Recovery & Recycling, USA

INTRODUCTION

13:20-13:50 **Title: On the use of different wastes to formulate mortars for sustainable building materials**
Andrea Saccani, University of Bologna, Italy

13:50-14:20 **Title: Sea cleaning under bio-remediation (technologies sharing for all kind of plastic recycling reused) & sewage treatment**
Raagini Jaain, Geetanjali Envirotech, India

14:20-14:50 **Title: Recyclability of TPS/PLA blend**
Rangrong Yoksan, Kasetsart University, Thailand

14:50-15:20 **Title: Utilization of textile waste cuttings in the production of briquette with pumice aggregate by converting it into a fiber**
Hasan Baylavli, Hittite University, Turkey

SPECIAL SESSION

15:20-16:20 **Title: Hazardous waste management in Kuwait oil company**
Kholood Yousef, Israa Ismail AL-Rasheed, Kuwait Oil Company, Kuwait

Networking & Refreshments @ 16:20-16:40 @ Dunedin Bar Area

PANEL DISCUSSION

Awards & Closing Ceremony