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1292nd Conference

Scientific Program

2nd International Conference on

POLLUTION CONTROL AND SUSTAINABLE ENVIRONMENT

October 05-06, 2017 London, UK



Conference Series - America

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09:30-10:00

Opening Ceremony

Keynote Forum

10:00-10:05 **Introduction**

10:05-10:50 **Title: Treatment of mixed herbal oil processing factory wastewaters by pilot-scale electrocoagulation unit**
Başak K Taşeli, Giresun University, Turkey

Group Photo & Networking and Refreshments Break 10:50-11:10 @ Breakout Area

11:10-11:55 **Title: Biosensor device to detect Arsenic content in ground water**
S K Verma, Birla Institute of Technology and Science-Pilani, India

Exhibitor Speech

11:55-12:25 **Presentation on Sootaway**
Leif Veбенstad, Johnsen Chemicals AS, Norway

Sessions: Pollution | Air Pollution and Treatment | Light Pollution | Water Pollution and Treatment | Marine Pollution | Pollution Control Technologies and Devices | Waste Management and Treatment | Industrial Pollution | Solid Waste Disposal | Renewable Energy

Session Chair: Constantinos Sioutas, University of Southern California, USA

Session Introduction

12:25-12:55 **Title: Pesticide knowledge and safety practices among farmers in developing Countries: Case study in Philippines and Vietnam**
Maria Luisa baino-salingay, IHE-Delft and Technical University of Delft (TU Delft), Netherlands

Lunch Break 12:55-13:55 @ RBG

13:55-14:25 **Title: Air pollution and childhood acute leukemia in Oklahoma**
Janis E Campbell, University of Oklahoma Health Science Center, USA

14:25-14:55 **Title: Cost-benefit analysis of implementing policy measures for reducing PM and O₃ concentrations: the case of Israel**
Doron Lavee, Tel-Hai College, Israel

14:55-15:25 **Title: Impacts of urban planning and regulations on the air quality and sustainable development of metropolitan cities**
Constantinos Sioutas, University of Southern California, USA

Networking and Refreshments Break 15:25-15:40 @ Breakout Area

15:40-16:10 **Title: Ascertaining Age Group-specific Association between PM_{2.5} and Human Seasonal Influenza in 11 Study Sites in Taiwan**
Ying-Hen Hsieh, China Medical University, Taiwan

16:10-16:40 **Title: Biodegradation of polyester polyurethane by *Aspergillus tubingensis***
Sehroon Khan, Kunming Institute of Botany, CAS, China

16:40-17:10 **Title: Development of control strategies for reduction of ambient PM_{2.5} levels: case study of Pune City, Maharashtra State, India**
Ramesh D Dod, MIT, India

Panel Discussion

Day 2 October 06, 2017

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09:00-09:30 Registrations

Sessions: Pollution | Air Pollution and Treatment | Light Pollution | Pollution and Health Effects | Pollution Control Technologies and Devices | Environmental Sustainability and Development | Waste Management and Treatment | Industrial Pollution | Solid Waste Disposal | Renewable Energy

Session Chair: Qi Qiao, Chinese Research Academy of Environmental Sciences, China

Session Introduction

09:30-10:00 **Title: Physico-chemical characteristics of airborne particulate matter in and around a mechanised opencast coal mine – a case study**
D P Tripathy, National Institute of Technology, India

10:00-10:30 **Title: Adsorption of malachite green dye by microalgae Scenedesmus sp. MCC26: kinetics and mechanistic aspects**
Prakash Sarwa, Birla Institute of Technology and Science, India

Networking and Refreshments Break 10:30-10:50 @ Breakout Area

10:50-11:20 **Title: Explorations of green development and transformation of China's industrial agglomeration area**
Qi Qiao, Chinese Research Academy of Environmental Sciences, China

11:20-11:50 **Title: Synergy of cleaner production and end-of-pipe treatment of production system**
Yanping Li, Chinese Research Academy of Environmental Sciences, China

11:50-12:20 **Title: The new orientation of discharge permit system in the environmental management system**
Zhao Ruonan, Chinese Research Academy of Environmental Sciences, China

Poster Presentations 12:20-12:50 @ Meeting Halls

PC-01 **Title: Assessment of acetylcholinesterase activity, oxidative stress responses, and primary DNA damage in blood and brain tissue of chlorpyrifos-exposed rats**
Ana Lucić Vrdoljak, Institute for Medical Research and Occupational Health, Croatia

PC-02 **Title: Simulation of flocculation process of suspended solids**
Regina Wardzyńska, University of Warmia and Mazury Olsztyn, Poland

PC-03 **Title: Treatment of model wastewater by electrocoagulation – sludge analysis**
Beata Załęska-Chróst, University of Warmia and Mazury Olsztyn, Poland

PC-04 **Title: Selective removal of copper and nickel ions from acid mine drainage**
Yelena Gordyatskaya, University of Chemistry and Technology, Czech Republic

PC-05 **Title: Mechanism for arsenic-induced cytotoxicity in keratinocytes**
Jin-Ho Chung, Seoul National University, Korea

Lunch Break 12:50-13:50 @ RBG

Young Research Forum

13:50-14:20 **Title: Particulate matter monitoring – past, present and future**
Pelumi W Oluwasanya, University of Cambridge, UK

14:20-14:50 **Title: Using electrocoagulation to remove chloride and ammonium from reject brine treated by solvay process**
Miada A Ali, UAE University, UAE

14:50-15:20 **Title: An assessment of the impact of illegal dumping of waste material by fishermen and communities on riverine biodiversity on selected areas of the Eastern Cape province, South Africa**
Mbanjwa Sibonelo Thanda, University of South Africa, South Africa

15:20-15:50 **Title: Removal of heavy metal ions from aqueous solutions by using functionalised polymer adsorbents- mathematical modelling of adsorption process**
Gabriela-Nicoleta Moroi, Petru Poni Institute of Macromolecular Chemistry, Romania

Networking and Refreshments Break 15:50-16:05 @ Breakout Area

16:05-16:35 **Title: Green porogen adsorbent of modified pectin and its application as removal of Pb(II)**
Budi Hastuti, Sebelas Maret University, Indonesia

16:35-17:05 **Title: Xanthoria parietina as a biomonitor of airborne heavy metal pollution in forest sites in the North East of Morocco**
El rhzaoui Ghita, Mohammed V University, Morocco

Awards & Closing Ceremony