Scientific Program



4th International Conference on

Pollution Control & Sustainable Environment

&

6th Edition of International Conference on

Water Pollution & Sewage Management

July 26-27, 2018 | Rome, Italy

Day-1

July 26, 2018

09:00-10:00 Registrations

Opening Ceremony

10:00-10:10

Meeting Hall: Olimpica 3+4

KEYNOTE FORUM

10:10-10:15 Introduction

10:15-10:50 Title: **Storm water treatment in a subsurface constructed wetland in a farmyard in Latvia**
Linda Grinberga, Latvia University of Agriculture, Latvia

10:50-11:25 Title: **Climate warming, worsening local meteorological conditions, more aerosol pollution and aerosol induced vicious cycle to the explosive increase of $PM_{2.5}$ event in Beijing**
Xiao Zhang, Chinese Academy of Meteorological Sciences, China

Networking & Refreshments 11:25-11:45 @ Foyer

Sessions: **Environmental Pollution | Water Pollution and Treatment | Marine Pollution | Pollution and Health Effects Agricultural Soil Science | Adsorption Technology | Water Contamination | Agriculture and Environmental Pollution Ground water Pollution | Waste water Technologies**

Chair: **Emilly Obuya,** The Sage Colleges, USA
Chair: **Qiaowen Lin,** Huazhong University of Science and Technology, China

INTRODUCTION

11:45-12:10 Title: **Mobility of atrazine in stable manure-amended agricultural soil**
Nihat Hakan Akyol, Kocaeli University, Turkey

12:10-12:35 Title: **Seasonal variation of phosphorus in sediments, overlying water, interstitial water in Lake Taihu**
Geng Xue, Suzhou University of Science and Technology, China

12:35-13:00 Title: **A proposal of objective analysis method on environmental sea temperature for evaluation of warm water dispersion discharged from power plants**
Shin'ichi Sakai, Central Research Institute of Electric Power Industry, Japan

GROUP PHOTO 13:00–13:10

Lunch Break 13:10-14:10 @ Hotel Restaurant

14:10-14:35 Title: **Simultaneous treatment of leachates and landfill gas (CH_4) by a passive biofiltration process well adapted for Nordic regions**
Rino Dubé, Quebec Industrial Research Center, Canada

14:35-15:00 Title: **Temperature of the liquid effluent in sewage treatment lagoons**
Ulises Damian Pepe, University of Buenos Aires, Argentina

15:00-15:25 Title: **The effectiveness of chemical oxidation in remediating hot and saline groundwater impacted with hydrocarbons**
Mansor Kashir, Saudi Aramco, Saudi Arabia

15:25-15:50 **Title: Nanochitosan for toxic metals adsorption from waste water**
P S Jassal, University of Delhi, India

Networking & Refreshments 15:50-16:10 @ Foyer

16:10-16:35 **Title: Ingestion of lead, mercury, and selenium by babies through breast milk in three gold mining areas of Nigeria**
Joshua Ojo, Obafemi Awolowo University, Nigeria

16:35-17:00 **Title: Assessment of organochlorine pesticides in Ogun River and abattoir meat products from Kara abattoir, near Berger, Lagos, Nigeria**
Rose Alani, University of Lagos, Nigeria

17:00-17:25 **Title: Aquifer vulnerability in parts of Yenagoa, Southern Niger Delta, Nigeria**
Willabo Miepamo, Federal Polytechnic Ekowe, Nigeria

17:25-17:50 **Title: A environmental impact of refined copper in china based on life cycle assessment**
Chen Jing Jing, Beijing University of Technology, China

17:50-18:00 **Title: Video Presentation on Sustainable urban landscape planning: A search for possibilities around the periphery of Dhaka city**
Sayed Ahmed, Anhalt Universiy of Applied Sciences, Germany

PANEL DISCUSSION

Day-2

July 27, 2018

Meeting Hall: Olimpica 3+4

KEYNOTE FORUM

Introduction

09:30-10:05 **Title: Organophosphonates: Environmental problems related to them and possible solutions for their elimination from industrial wastewater**
Eduard Rott, University of Stuttgart, Germany

Sessions: Waste Management and Treatment | Eutrophication | Aquatic Microbiology | Waste water Reuse and Recycling | Water Borne Diseases | Water Pollution : Ethics and Regulations | Aquatic Chemistry Wastewater Sludge Management | Economics of water quality|Air Pollution and Treatment | Marine Water | Environmental Pollution

Chair: Xiao Zhang, Chinese Academy of Meteorological Sciences, China
Co-Chair: Rouzbeh Nazari, Rowan University, USA

INTRODUCTION

10:05-10:30 **Title: Low-carbon land use optimization and management in mine-grain composited zone from the perspective of equity of resource and environment distribution**
Qiaowen Lin, Huazhong University of Science and Technology, China

10:30-10:55 Title: **Biosynthesis & application of nanostructured composites for purification of drinking water**
Emilly Obuya, The Sage Colleges, USA

Networking & Refreshments 10:55-11:15 @ Foyer

11:15-11:40 Title: **Determining Tamblingan Lake water quality status using method of STORET and AVSWAT model**
Moh Sholichin, University of Brawijaya, Indonesia

11:40-12:05 Title: **Environmental risk assessment of hospital wastewater in Federal Medical Center (FMC), Umuahia, Nigeria**
Chioma Nwakanma, Michael Okpara University of Agriculture, Nigeria

12:05-12:30 Title: **Application of satellite remote sensing for a preliminary forensic investigation of landfill elevated internal temperatures**
Rouzbeh Nazari, Rowan University, USA

12:30-12:55 Title: **Functionalized polymeric electrospun nanofibers for efficient removal of toxic organics from water**
Manjeet Jassal, Indian Institute of Technology Delhi, India

Lunch Break 12:55-13:55 @ Hotel Restaurant

13:55-14:20 Title: **Natural products as adsorbent for wastewater valorisation**
Souad El Hajjaji, Mohammed V University, Morocco

YOUNG RESEARCH FORUM SESSION

YRF Judge: **Hea Young Cho,** Cha University, South Korea

14:20-14:40 Title: **Removing of strontium ion from water using ion flotation**
Mojtaba Taseidifar, The University of New South Wales Canberra, Australia

14:40-15:00 Title: **Preparation of sludge based activated carbon using hydrothermal carbonization for basic dye and humic acid adsorption from aqueous solution**
Reza Khoshbouy, Tokyo Institute of Technology, Japan

15:00-15:20 Title: **Knowledge, behaviour and practices (KBP) for arsenic contaminated drinking water in Bhojpur District, Bihar, India**
Sonal Bindal, Teri School of Advanced Studies, India

15:20-15:40 Title: **Role of surface functional groups in functionalized biochar for environmental remediation of antibiotics in single and competitive mode**
Mohammad Boshir Ahmed, University of Technology Sydney, Australia

Networking & Refreshments 15:40-16:00 @ Foyer

POSTER PRESENTATIONS 16:00–17:00 @ FOYER

PPPC 01 Title: **The comparison of sediment quality in the rivers of Eastern of Slovakia by potential ecological risk index**
Eva Singovszka, Institute of Environmental Engineering, Slovakia

PPPC 02 Title: **A human health risk assessment of perfluorononanoic acid using a physiologically - based pharmacokinetic model**
Hea Young Cho, Cha University, South Korea

PPPC 03 **Title: Development and evaluation of PBPK model of perfluorodecanoic acid: Application to human exposure assessment**
Yong Bok Lee, Chonnam National University, South Korea

PPPC 04 **Title: The chemical and microbiological analysis of the uncontrolled landfill sites in Georgia and its impact on the pollution of the surrounding areas**
Nugzar Buachidze, Institute of Hydrometeorology of the Georgian Technical University, Georgia

PPPC 05 **Title: Mobile toilets chemicals: Its influence on activated sludge microorganisms**
Vitezova M, Masaryk University, Czech Republic

PPPC 06 **Title: Evaluation of the influence of additives from different types of compost on the soil properties**
Metodi Kirilov Mladenov, University of Chemical Technology and Metallurgy, Bulgaria

PPPC 07 **Title: Heavy metals in the environment: Its influence on anaerobic sewage sludge stabilisation**
Vitez T, Mendel University, Czech Republic

PPPC 08 **Title: The chemical and microbiological analysis of the uncontrolled landfill sites in Georgia and its impact on the pollution of the surrounding areas**
Gulchina Kuchava, N E A of Ministry of E protection and Agriculture of Georgia, Georgia

PPPC 09 **Title: A study on the calculation of eco toxicity potential of major construction waste in construction phase through life cycle assessment**
Sungho Tae, Hanyang University, South Korea

PPPC 10 **Title: Who is the most appropriate incentive object in waste cooking oil (WCO) supply chain? A case study of China**
Ting ting Liu and Yaru Liu, Beijing University of Technology, China

PPPC 11 **Title: Influence of coal as the energy source for household heating on PM10 concentrations in three neighboring cities located on mediterranean coast of Turkey**
Fusun Yalcin, Akdeniz University, Turkey

E-POSTER PRESENTATION

EPPC 01 **Title: Various ways of waste activated sludge recycling**
Marina Vlasova, Autonomous University of the State of Morelos, Mexico

EPPC 02 **Title: Elimination of fluoride ions from aqueous solutions with unmodified bentonite clay in batch reactor**
Jihane Assaoui, Chouaïb Doukkali University, Morocco

EPPC 03 **Title: Marine litter on the beaches of the Durres bay and the Lalzi bay: Preliminary assessment of their abundance, composition and sources**
Laura Gjyli, Aleksandër Moisiu University of Durrës, Albania

Networking and Refreshments Break

PANEL DISCUSSION

Awards & Closing Ceremony