Scientific Program



5th International Conference on

Pollution Control and Sustainable Environment

&

10th Edition of International Conference on

Water: Pollution, Treatment & Research

March 14-16, 2019 | London, UK

UK: Conference Series LLC Ltd
47 Churchfield Road, London, W3 6AY
Toll Free: +0-800-014-8923

DAY-1

March 14, 2019

Meeting Hall: **Bayswater**

08:30-09:30 Registrations

Opening Ceremony 09:30-10:00

KEYNOTE FORUM

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

10:10-10:40 **Title: Geochemical modeling in solving some environmental problems: Pollution of mining regions, radioactive wastes storage**
Olga S Naymushina, The V.S. Sobolev Institute of Geology and Mineralogy of the Russian Academy of Sciences (IGM SB RAS), Russia

10:40-11:10 **Title: Traceability and linearisation of *in situ* fluorescence measurements using the new V-Lux sensor**
John Attridge, Chelsea Technologies Group Ltd, UK

Networking & Refreshments 11:10-11:30 @ Atrium Area

Sessions: Pollution | Pollution Control Technologies and Devices | Pollution & its Effects on Environment | Energy and Environment | Water Pollution and Treatment

Chair: Olga S Naymushina, The V.S. Sobolev Institute of Geology and Mineralogy of the Russian Academy of Sciences (IGM SB RAS), Russia
Co-Chair: Adel A Ismail, Kuwait Institute for Scientific Research, Kuwait

INTRODUCTION

11:30-11:55 **Title: The measurement of wildlife exposure to cadmium contributes to assess its contamination in the Hiroshima wide area urban districts and the human health**
Yumiko Nitta, Hiroshima Shudo University, Japan

11:55-12:20 **Title: The sanitary impact of air pollution in North Africa**
Mourad Terniche, CHU Mustapha, Algeria

GROUP PHOTO 12:20–12:30

12:30-12:55 **Title: Kinetic modelling of scrap tyre pyrolysis through the modified chemical percolation devolatilization (M-CPD)**
Vincent Tan, Monash University, Australia

Lunch Break 12:55 -13:45 @ Orchard Restaurants

13:45-14:10	**Title: Considering multi-level governance of groundwater – through the case study of nitrate-nitrogen pollution in Shimabara City, Japan** **Hironori Hamasaki,** Nagasaki University, Japan
14:10-14:35	**Title: Performance evaluation of mechanical booster pump-assisted adsorption chiller cycle** **Tao Zeng,** Nagoya University, Japan
14:35 : 15:00	**Title: Hyperloop: The sustainable transportation** **Samroot Samreen Wani,** TERI SAS, India
15:00-15:25	**Title: The prospect of water supply in rural areas: A case study of Sabah, Malaysia** **Farhana Abd Lahin,** Universiti Malaysia Sabah, Malayasia
15:25-15:50	**Title: How night irrigation can contribute to sustainability? – The assessment through the case study in GAP region in Turke** **Hironori Hamasaki,** Nagasaki University, Japan

Networking & Refreshments 15:50-16:10 @ Atrium Area

POSTER PRESENTATIONS 16:10–17:00 @ MEETING ROOMS

Poster Judge: Olga S Naymushina, The V.S. Sobolev Institute of Geology and Mineralogy of the Russian Academy of Sciences (IGM SB RAS), Russia

PC-01	**Title: Estimation and comparison of brominated flame retardants levels based on dust loading and carbon contents in indoor dust** **Layla Salih Al Omran,** University of Basrah, Iraq
PC-02	**Title: Identification and characterisation of particulate matter (PM) on historical site and southern industrial area in Jeddah, Saudi Arabia** **Fahed Ayed N Aloufi,** University of Bristol, UK
PC-03	**Title: Usage of novel plant material for removal of lead (Pb) from wastewater** **Mohamed Abouleish,** American University of Sharjah, UAE
PC-04	**Title: The preparation of ZnO impregnated biochars from agrowaste for water remediation** **Jaroslav Lang,** VSB - Technical University of Ostrava, Czech Republic
PC-05	**Title: Sensitized zebrafish mutant lines for environmental screens generated by CRISPR-Cas9** **Vélez Negrón Viveca M,** University of Puerto Rico, USA
PC-06	**Title: Catalytic conversion of furfural to tetrahydrofurfuryl alcohol over supported palladium nanoparticles under mild conditions** **Reem Albilali,** Imam Abdulrahman Bin Faisal University, Saudi Arabia

Panel Discussion

DAY-2

March 15, 2019

Meeting Hall: **Bayswater**

KEYNOTE FORUM

09:30-10:00 **Title: A comparative study on mesoporous TiO_2 film deposited onto diverse glass substrates for photooxidation of acetaldehyde in gas phase**
Adel A Ismail, Kuwait Institute for Scientific Research, Kuwait

10:00-10:30 **Title: Key success factors for applying environmental management system and its role in pollution control**
Bassem Nassouhy Abdelrahman Attwan, Scientific Business Solutions group of companies, Egypt

Networking & Refreshments 10:30-10:50 @ Atrium Area

Sessions: Air Pollution and Treatment | Pollution and Health Effects | Human Impact on the Environment Waste Management and Treatment | Water and Climate Change

Chair: Olga S Naymushina, The V.S. Sobolev Institute of Geology and Mineralogy of the Russian Academy of Sciences (IGM SB RAS), Russia
Co-Chair: Adel A Ismail, Kuwait Institute for Scientific Research, Kuwait

INTRODUCTION

10:50-11:15 **Title: Air pollution a major factor in asthma predictability index among children living in and around Kolkata metropolis**
Jayati Das, Shri Shikshayatan College and Jadavpur University, India

11:15-11:40 **Title: Removal of bisphenol A via novel 3D g-C_3N_4/HEC hydrogel photocatalysts: Adsorption and phtocatalytic degradation**
Xian Ruan, South China University of Technology, China

11:40-12:05 **Title: Solid waste management in the context of sustainable development**
Rahma Khalifa Al Riyami, Oman Environmental Services Holding Company (be'ah), Oman

12:05-12:30 **Title: Forest fire prevention through agricultural innovation in the ex-mega rice project area in Central Kalimantan**
Susilawati, Central Kalimantan of Asessment Institute for Agricultural Technology, Indonesia

12:30-12:55 **Title: Integrated water innovation**
Anna Poberezhna, Smart 4tech, UK

Lunch Break 12:55-13:45 @ Orchard Restaurants

13:45-14:10 **Title: Source apportionment of the redox activity of urban fine particulate matter in Athens, Greece**
Constantinos Sioutas, University of Southern California, USA

14:10-14:35	**Title: Sustainability is cool** **Monika Poppy,** Sustainability is cool, UK
14:35-15:00	**Title: Air pollutants and environmental causes in London's air Quality** **Veronica Goncalves,** UK
15:00-15:25	**Title: Trends of hydroclimate variables in the upper huai river basin** **Abel Girma,** Donghua University, China
15:25-15:50	**Title: Assessing the impact of pollution on a river in North Central Nigeria; using macroinvertebrates biological traits** **Edegbene Ovie Augustine,** Rhodes University, South Africa

Networking & Refreshments 15:50-16:10 @ Atrium Area

Panel Discussion

Awards & Closing Ceremony