4th Edition of International Conference on

ENVIRONMENTAL SCIENCE & TECHNOLOGY



March 29-31, 2018
Vienna, Austria

EuroSciCon

Agenda Day 1: March 29, 2018

09:00-10:00 **Registration**

10:00-10:30 Opening Ceremony

Keynote Forum

10:30-11:00 **Title: Four decades of environmental investigation and remediation of contaminated properties in the united states – what has changed and what does the future hold?**
Kenneth Haberman, Landmark Environmental, LLC, USA

11:00-11:30 **Title: Solid fuel production from non-segregated municipal solid wastes employing the hydrothermal treatment**
Kunio Yoshikawa, Tokyo Institute of Technology, Japan

Coffee Break 11:30 - 11:50 @ Foyer

Sessions: Earth Science and Climate Change | Environmental Health Science | Renewable Energy | Bio-Assessment | Toxicology

Session Chairs: Abdelhadi Abdelwahab Mohamed Abdalla, Arabian Gulf University, Bahrain
Muharrem INCE, Munzur University, Turkey

Session Introduction

11:50-12:15 **Title: Process optimization for Pb(II) removal from alcoholic beverage by clay: Using Box–Behnken experimental design**
Muharrem INCE, Munzur University, Turkey

12:15-12:40 **Title: Hybrid perovskite solar cells**
Sam Hsien-Yi Hsu , University of Hong Kong, Hong Kong

12:40-13:05 **Title: Deep learning applications for predicting dengue fever outbreak**
Sumiko Anno, Shibaura Institute of Technology, Japan

Group Photo 13:05-13:15

Lunch Break 13:15-14:00 @ Flemings Restaurant

14:00-14:25 **Title: Potential of 5-Aminolevulenic acid on date palm water use efficiency under desert climate**
Abdelhadi Abdelwahab Mohamed Abdalla, Arabian Gulf University, Bahrain

14:25-14:50 **Title: RSM based modeling of nitrate removal from drinking water using nano-photocatalyst process**
Bastam Ghanbari, Islamic Azad University, Iran

14:50-15:15 **Title: Ecofriendly herbal leather dyes: An approach to mitigate health risks and minimize environmental and water pollution**
Tahira Aziz Mughal, Lahore College for Women University, Pakistan

15:15-15:40 **Title: University of South Africa emisebeni primary school greening project: Mofolo park, Soweto, Gauteng, South Africa**
Queline Bersiks, University of South Africa, South Africa

15:40-16:05 **Title: Evaluation of mesoporous graphene oxide-TiO_2 nanocomposite for CO_2 capture of thermal power plants with idealized PSA process**
Ali Reza Noorpoor, University of Tehran, Iran

Coffee Break 16:05-16:25 @ Foyer

Young Research Forum

16:25-16:45 **Title: A comparison of trace metal levels in doxorubicin induced rat liver using ETAAS**
Ali Onal, Munzur University, Turkey

16:45-17:05 **Title: Remediation policy after mining works in the Kyrgyz Republic**
Gulzhan Makhmudova, University of Tsukuba, Japan

17:05-17:25	**Title: The association between ambient $PM_{2.5}$ exposure and the risk of natural abortion in China: a retrospective cohort study** **Tongjun Guo,** National Human Genetic Resources Center, China
17:25-17:45	**Title: Application of response surface methodology to optimize the process variables for copper ion determination in beer using clay** **Ali Onal,** Munzur University, Turkey
17:45-18:05	**Title: Phototrophic PHB production with cyanobacteria by using low solids digestate** **Katharina Meixner,** BIOENERGY 2020+ GmbH, University of Natural Resources and Life Sciences, Austria

Networking & Panel Discussion

Agenda Day 2: March 30, 2018

Keynote Forum

10:00-10:30	**Title: Turning knowledge into useful actions** **Abdelhadi Abdelwahab Mohamed Abdalla,** Arabian Gulf University, Bahrain
10:30-11:00	**Title: Performance evaluation of various PV modules technologies in Poland** **Agata Zdyb,** Lublin University of Technology, Poland

Coffee Break 11:00 - 11:20 @ Foyer

Workshop

11:20-12:00	**Title: A comparison of approaches used to manage excess soil from brownfield sites – Ireland, the United Kingdom and the United States** **Kenneth Haberman,** Landmark Environmental, LLC, USA

Sessions: Renewable Energy | Environmental Health Science | Environmental Chemistry | Environment Technology and Innovation

Session Chair: Tahira Aziz Mughal, Lahore College for Women University, Pakistan

12:00-12:25	**Title: Comparison of copper level in some wild edible mushrooms collected from Tunceli Province, Turkey** **Muharrem INCE ,** Munzur University, Turkey
12:25-12:50	**Title: Sedimentation and mixing analysis in cattle manure feedstock in a stirred tank of anaerobic digestion** **Ali Reza Noorpoor,** University of Tehran, Iran

Lunch Break 12:50-13:35 @ Flemings Restaurant

13:35-14:00	**Title: Assessment and optimization of a novel solar dual organic rankine cycle trigeneration system based on exergy and exergoeconmic analyses** **Fateme Ahmadi Boyaghchi,** Alzahra University, Iran

Poster Presentations @ Meetings Hall 14:00-16:00

Poster Judge: Tahira Aziz Mughal, Lahore College for Women University, Pakistan

ENVPPS-01	**Title : Robust phosphate capture over adsorbents derived from lanthanum metal organic frameworks** **Xintong Zhang,** Harbin Institute of Technology, China
ENVPPS-02	**Title : Influence of algae growth phase on the formation of disinfection by-products from chlorination of Microcystis aeruginosa: impact and mechanism** **Rui Huang,** Harbin Institute of Technology, China
ENVPPS-03	**Title : Electrochemical–catalytic reduction of nitrate over Pd–Cu/γAl_2O_3 catalyst in cathode chamber: enhanced removal efficiency and N_2 selectivity** **Zhiqiang Zhang,** Harbin Institute of Technology, China
ENVPPS-04	**Title : Facile synthesis of Fe_3O_4@C based on iron sludge as heterogeneous persulfate catalyst for degradation of organic contaminants** **Shijun Zhu,** Harbin Institute of Technology, China
ENVPPS-05	**Title : Gravity driven ultrafast removal of organic contaminants across catalytic superwetting membrane** **Zhigao Zhu,** Harbin Institute of Technology, China

ENVPPS-06 **Title : Performance analysis of an algal-activated sludge symbiotic system on wastewater treatment, algal-activated sludge characteristics and community structure: Effect of sludge concentration**
Li Sun, Harbin Institute of Technology, China

ENVPPS-07 **Title: Optimization of the determination method for dissolved cyanobacterial toxin BMAA in natural water**
Boyin Yan, Harbin Institute of Technology, China

ENVPPS-08 **Title : Development of the discussion-style instruction strategy using TV entertainment program in ecology class**
Woonjung Yoon, Ewha Womans University, South Korea

ENVPPS-09 **Title: Mobility Retardation of Cd, Pb, Mn in Acid Soil Using Phosphate Fertilizers**
Chompoonut Chaiyaraksa, King Mongkut's Institute of Technology Ladkrabang, Thailand

ENVPPS-10 **Title : Adaptive the rule-approximation to find the area of a swimming pool**
Kanchana Kumnungkit, King Mongkut's Institute of Technology Ladkrabang, Thailand

ENVPPS-11 **Title : Reconstruction of lead pollution history based on analysis of coral skeleton samples**
Satoshi NAKAI, Hiroshima University, Japan

ENVPPS-12 **Title : Study on the process of decision making and change in the environment-specific of environmental issues for middle school students : Focused on fine dust**
Sangeun Shin, Ewha Womans University, South Korea

ENVPPS-13 **Title: Isolation and characterization of phosphate-solubilizing microorganisms with biocontrol potential from salt-affected soil**
Huanhuan Jiang, Harbin Institute of Technology, China

ENVPPS-14 **Title: Plant diversity, carbon pools, selected soil properties and livelihood situation in the indigenous agroforestry systems of south-eastern rift- valley landscapes, Ethiopia**
Hafte Mebrahten Tesfay, BOKU University of Natural Resources and Life Sciences, Austria

ENVPPS-15 **Title: Biodegradation of 2, 3, 7, 8- tetra chlorine dibenzo-P-dioxin in anaerobic sequencing batch reactor**
Mohammad Mehdi Amin, Isfahan University of Medical Sciences, Iran

Award Ceremony

Coffee Break 16:00-16:20 @ Foyer

E-Poster Presentations

ENVEPS-01 **Title : The effect of soil cultivation practices in sunflower '*Helianthus annus*' cultivation**
Molla Aikaterini, University of Thessaly, Greece

ENVEPS-02 **Title: Water recycling- waste water treatment plant at Badovc**
Sokol Xhafa, University for Business and Technology, Kosovo

Agenda Day 3: March 31, 2018

Networking Lunch 12:30-13:30 @ Flemings Restaurant

Closing Ceremony