

IC EST2016

The Eighth International Conference on Environmental Science and Technology

June 6 -10, 2016
Houston, Texas, USA

Paper and Poster Awards

Student Paper Awards

1st Place

#823

Increased Enzyme Activity during Antagonistic Invasion Interaction of Fungi Grown on Corn Cob.
Grace Nkechinyere Ijoma, Memory Tekere (From University of South Africa, Florida, South Africa)

2nd Place

#886

Analysis of Elevated Concentrations in Trace Elements and Nutrients in Urban Creek.
Michael Harrison and Barry Hibbs (California State University, Los Angeles, CA 90032, USA)

#914

Sun-Coral Powder as Adsorbent for Phosphorus Removal in Wastewater.
M.T.G Vianna and Marcia Marques (Rio de Janeiro State University, Rio de Janeiro, Brazil)

3rd Place

#564

Developing Ecological Thermal Indices Based on Satellite Imagery Data.
Kim-Anh Nguyen, Yuei-An Liou, and Ming-Hsu Li (National Central University of Taiwan, Taiwan)

#597

Natural Attenuation of Indicator Bacteria in Natural Water Systems.
Amin Kiaghadi and Hanadi S. Rifai (University of Houston, Houston, TX 77204, USA)

#599

Pretreatment Performance of a Novel AWFR for Decentralized Domestic Wastewater.
Juan-hong Li, Xi-wu Lv (Southeast University, Nanjing, China)

#560

Advanced Buffer Materials for CO₂ Control: Improved Air Quality and Energy Conservation in Commercial Buildings

Pavithra Rajan, Glenn Morrison, Fateme Rezaei (Missouri University of Science and Technology, Rolla, MO 65409, USA)

Young Scientist Paper Award

1st Place

#701

Dredged Material as Restoration Substrate in Landfill Surface Sealing Systems.

Gert Morscheck, Astrid Lemke, Michael Henneberg (University of Rostock, Germany)

2nd Place

#756

Persulfate activation in the Presence of Formic Acid for Carbon Tetrachloride and Chromium (VI) Removal.

Xiaogang Gu and Shuguang Lu (East China University of Science and Technology, Shanghai, China)

3rd Prize

#607

Removal and Degradation Pathway of Sulfamethoxazole from Municipal Wastewater Treatment by Anaerobic Membrane Bioreactor.

Chun-Hai Wei, Claudia Sanchez Huerta, and TorOve Leiknes (King Abdullah University of Science and Technology, Saudi Arabia)

#970

Effects of Anaerobic Digestion on the Combustion of Sewage Sludge.

Emrehan Berkay Çelebi, Ayşegül Aksoy and F. Dilek Sanin (Middle East Technical University, Ankara, TURKEY)

#908

Waste: A Raw Material for Soil Amendment and an Employer of Labour.

Ogbonna, Emmanuel Ahamefula and Isinguzo, Nnadozie Sunday (DOTECON Nigeria Limited, Ajah, Lekki, Lagos State, Nigeria)

#514

Performance of Vegetative Bio-retention System for Greywater Reuse in the Arid Climates.

Rezaul Chowdhury, Taoufik Ksiksi, Mohamad M A Mohamed and Jameelu Abaya (United Arab Emirates University, Al Ain, PO Box 15551, UAE)

#716

Copper (II) Biosorption Characteristics of A Novel Biosorbent Combination: Fungus and Agriculture Waste

Jingyao Wang (Harbin Institute of Technology, Harbin, CHINA)

Outstanding Paper Award

1st Place

#558

Industrial Air Pollution in Saudi Arabia and the Influence of Meteorological Variables.

Jamal A. Radaideh (King Faisal University, Saudi Arabia)

2nd Place

#885

Modelling of Arsenic Removal from Groundwater by Electrodialysis.

Rose Marie O. Mendoza, Meng-Wei Wan, Chi-Chuan Kan, Maria Lourdes P. Dalida (Far Eastern University-Nicanor Reyes Medical Foundation, Quezon City, Philippines)

#640

Phenol Removal from Water Using Biochar and Activated Carbon from Albizia: An Invasive Plant Evaluation. **Hafiz Ahmad**, Korhan Adalier, Brandon Madden and Douglas Brown (Florida State University-Panama City, Panama City, FL 32405, USA)

3rd Place

#571

Estimation of Crop Coefficients using Remote Sensing and GIS: A Case Study of Khuskera-Bhiwari Neemrana Investment Region, Rajasthan, India.

Rohit Goyal, Kuldeep Tiwari and Priyamitra Munoth (Malaviya National Institute of Technology, Jaipur, Rajasthan, India)

#677

Black Carbon and Size-resolved Particle Number Concentrations during Open-field Burning of Corn Straw.

Yu-Hsiang Cheng* and Li-Sing Yang (Ming Chi University of Technology, Taishan, New Taipei, Taiwan)

#995

Reducing Global Warming In Africa through Traditional African Architecture: Challenges and the Way Forward

Iwuagwu, Ben Ugochukwu; Onyegiri, Ikechukwu; Iwuagwu, Ben Chioma (Imo State University, Owerri, Nigeria)

Poster Awards

First Place

Presenter: Enrico T. Nadres

Paper #: 622

Title: *Simultaneous Nitrate and Phosphate Removal from Drinking Water Using Immobilized Polyethyleneimine*

Second Place (2 Awardees)

Presenter: Nathaniel F. Abegboyega

Paper #: 591

Title: *Characterization of Carbon Based Biochar from Grapeseed Pyrolysis*

Presenter: Sai Sameer Pusapaty

Paper #: 1110

Title: *Enhancing the Algal Bio-hydrogen Production using Flue Gas Derived Bicarbonate and Nutrient Limitation Methods*

Third Place (3 Awardees)

Presenter: Santosh Thapa

Paper #: 511

Title: *Cloning of Genes Encoding for Cellulytic Enzymes from Metagenome in Goat's Rumen.*

Presenter: Naglaa M. Eid

Paper #: 844

Title: *Cost Analysis of Electro Dialysis Cell for Desalinating Brackish Water*

Presenter: Kim-Anh Nguyen

Paper #: 564

Title: *Developing Ecological Thermal Indices Based on Satellite Imagery Data*

