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5th International Conference on

Environmental Toxicology and Ecological Risk Assessment

September 12-13, 2016 Phoenix, USA

Scientific Program



Hall A

conference**series.com** 09:00-09:25

Opening Ceremony

Keynote Forum

- 09:25-09:30 Introduction
- 09:30-10:00 **Title: Assessment of climate change impacts on air temperature, precipitation, and human health; a specific example and some universal recommendations**
L DeWayne Cecil, Sustainable earth observation systems LLC, USA
- 10:00-10:30 **Title: Reducing agricultural pesticide poisoning in sub-Saharan Africa: Beyond zero-risk**
Olurominiyi Ibitayo, Texas Southern University, USA

Panel Discussion

Networking & Refreshment Break 10:30-10:50

Group Photo

- 10:50-11:20 **Title: Environmental melamine exposure and renal diseases**
Ming-Tsang Wu, Kaohsiung Medicine University, Taiwan

Sessions on:

Environmental Toxicity & Sciences | Environmental Chemistry | Global Warming

Session Chair: Mei-Ling Hsu, National Chengchi University, Taiwan

Session Co-Chair: Gonzalez-Acevedo Zayre I, Mexican Center of Innovation on Geothermal Energy, Mexico

Session Introduction

- 11:20-11:45 **Title: An analysis of the effect of argon on methane dry reforming using dielectric barrier discharge**
Maryam Khoshtinat Nikoo, Independent Researcher, California, USA
- 11:45-12:10 **Title: Probing toxicologically relevant interactions of inorganic pollutants in the bloodstream**
Jurgen Gailer, University of Calgary, Canada
- 12:10-12:35 **Title: Desalination of Cd²⁺ and Pb²⁺ from wastewater by *Aspergillus niger* decomposed *Citrus limetta* peel powder**
Vinit Prakash, Maharishi Markandeshwar University, India
- 12:35-13:00 **Title: Fertilizer and management strategies for reducing greenhouse gas emissions while optimizing grain yields from US rice and maize systems**
Maria Arlene Adviento-Borbe, Delta Water Management Research Unit, USA

Panel Discussion

Lunch Break 13:00-14:00

- 14:00-14:25 **Title: Solvent-free biodiesel epoxidation**
Diego Defferrari, Federal University of Rio Grande do Sul, Brazil
- 14:25-14:50 **Title: Exploring the impact of global warming media use, energy saving and carbon emission reduction coverage on environmental actions**
Huiping Huang, National Chiao Tung University, Taiwan
- 14:50-15:15 **Title: Environmental baseline of geothermal sites**
Gonzalez-Acevedo Zayre I, Mexican Center of Innovation on Geothermal Energy, Mexico
- 15:15-15:40 **Title: Deltamethrin induced changes in endocrine glands in *Heteropneustes fossilis***
Suresh Kumar, Chhaju Ram Memorial Jat College, India
- 15:40-16:05 **Title: Trends and changes of factors contributing to low-carbon practices among Taiwanese public: A four-wave longitudinal comparison (2009-2015)**
Mei-Ling Hsu, National Chengchi University, Taiwan

Panel Discussion

Networking & Refreshment Break 16:05-16:25

- 16:25-16:50 **Title: Waste management as a means to mitigate environmental toxicity in developing countries**
Aremu Adeola Enoch, Glasgow Caledonian University, UK
- 16:50-17:15 **Title: Assessment of organochlorine pesticide residues in raw food samples from open markets in two African cities**
Yannick Belo Nuapia, University of Kinshasa, DR Congo
- 17:15-17:40 **Title: Development of glass bead retro-reflective envelope to mitigate the urban heat island and reduce building energy consumption**
Jihui Yuan, Huazhong University of Science and Technology, China
- 17:40-18:05 **Title: Selenium in Brazil nut "milk": Is it safe?**
Ariane M Kluczkovski, Federal University of Amazonas, Brazil

Panel Discussion

Day 2 September 13, 2016

Hall A

08:30-09:00 Registrations

Keynote Forum

- 09:00-09:30 **Title: The bloodstream as a critical site to discover environmental causes for disease**
Jurgen Gailer, University of Calgary, Canada

Sessions on:

Aquatic Toxicity | Ecotoxicology | Environmental Stressors | Health Sciences & Risk Assessment

Session Chair: Huiping Huang, National Chiao Tung University, Hsinchu, Taiwan

Session Co-Chair: Jihui Yuan, Huazhong University of Science and Technology, China

Session Introduction

- 09:30-09:55 **Title: Intake of phthalate-tainted foods and microalbuminuria in children: the 2011 taiwan food scandal**
Ming-Tsang Wu, Kaohsiung Medicine University, Taiwan
- 09:55-10:20 **Title: The occurrence of the invasive foraminifera *Trochammina hadai* (Uchio) in Ubatuba, SP, Brazil**
Patrícia P B Eichler, Universidade do Sul de Santa Catarina, Brazil
- 10:20-10:45 **Title: Optimization of growth conditions for laboratory and field assessments using immobilized benthic diatoms**
Tania Vidal, University of Aveiro, Portugal

Panel Discussion

Networking & Refreshment Break 10:45-11:05

- 11:05-11:30 **Title: Cyanobacteria and diatoms as indicators of geothermal and anthropogenic impact in Los Negritos, Michoacán, México**
Estrella Nunez-Zarco, Mexican Center of Innovation in Geothermal Energy, Mexico
- 11:30-11:55 **Title: Presence and distribution of heavy metal in raw food samples from open markets from johannesburg, south africa and kinshasa, democratic republic of South Africa**
Yannick Belo Nuapia, University of Kinshasa, South Africa
- 11:55-12:20 **Title: Toxicity induced by Gadolinium ions on sea urchin embryos: Comparison among phylogenetically distant species and focus on stress response and skeletogenesis**
Chiara Martino, University of Palermo, Italy
- 12:20-12:45 **Title: A sustainability evaluation framework for science and technology institutes: An International comparative analysis**
Rafael Gustavo de Lima, Federal University of Santa Catarina, Brazil

Panel Discussion

Video presentation

- 12:45-13:00 **Title: Environmental risk assessment of hospital wastewater in Enugu, Nigeria**
Eze Chukwuebuka ThankGod, Federal University Oye-Ekiti, Nigeria

Lunch Break 13:00-14:00

Closing & Award Ceremony