

12<sup>th</sup> International Conference on

# Environmental Toxicology and Ecological Risk Assessment

October 19-20, 2017 | Atlanta, USA



Conference Hall: Pecan

conferenceseries.com 09:00-09:25

# Opening Ceremony

## Keynote Forum

09:25-09:30 Introduction

09:30-10:10 Title: **Phytofiltration: Investigations of passive heavy metal binding to plant-derived materials**

Gary D Rayson, New Mexico State University, USA

10:10-10:50 Title: **Selenium and Human cancer: From epidemiological data to molecular biology study**

Wojciech Wasowicz, Nofer Institute of Occupational Medicine, Poland

### Group Photo

### Panel Discussion

Networking & Refreshment Break 10:50-11:10 @ Piedmont Prefunction

### Plenary Session

11:10-11:50 Title: **Brain tumors and radiofrequency electromagnetic fields**

Raquel Ramirez-Vazquez, University of Castilla-La Mancha, Spain

### Sessions: Environmental Toxicology | Ecotoxicology

Session Chair: James Haynes, State University of New York, USA

Session Co-chair: Sara Wellman, Pellissippi State Community College, USA

### Session Introduction

11:50-12:15 Title: **Chemical and biological assessment of endocrine disrupting chemicals in wastewater and coastal waters in Kuwait**

Noura J Al-Jandal, Kuwait Institute for Scientific Research, Kuwait

12:15-12:40 Title: **Electronic waste scavenging in sub-Sahara Africa: Implications for electronic waste management**

Olurominiyi O Ibitayo, Southern University, USA

12:40-13:05 Title: **Hepatotoxicity and gastrointestinal pathologies in fishes and shellfishes exposed to polluted marine waters and sediments in Sarangani Bay, Philippines**

Edna P Oconer, Mindanao State University, Philippines

### Panel Discussion

Lunch Break 13:05-14:00 @ OAK

14:00-14:25 Title: **Genetic modification of bacteria to detect metallic toxins in environmental samples**

Christopher Ndubuisi Nwankwo, University of Edinburgh, UK

14:25-14:50 Title: **A study on cell and gene toxicity of soil samples collected along an urban Manila major thoroughfare**

Jay Mathias A Arellano, Pasig City Science High School, Philippines

14:50-15:15 Title: **Preparation, characterization and application of chitosan based organic-inorganic hybrid biocomposites for the removal of nitrate from water**

Wondalem Misganaw Golie, Indian Institute of Technology Delhi, India

15:15-15:40 Title: **Hexavalent chromium induces testicular dysfunction in small Indian mongoose (*Herpestes javanicus*) inhabiting tanneries areas of Kasur District, Pakistan**

Shaista Andleeb, PMAS-AAUR, Pakistan

### Panel Discussion

Networking & Refreshment Break 15:40-16:00 @ Piedmont Prefunction

16:00-16:25 Title: **Looming of Ecological toxinology**

Yonghua Ji, Shanghai University, China

### Special Session

- 16:25-17:10** **Title: Multiple approaches for delisting two beneficial use impairments in Great Lakes Areas of Concern**  
**James M Haynes**, State University of New York, USA  
**Sara Wellman**, Pellissippi State Community College, USA

### Panel Discussion

**Day 2      October 20, 2017**

### Conference Hall: Pecan

**Sessions: Risk Assessment | Environmental Sciences | Medical Toxicology**

**Session Chair: Friday E Uboh**, University of Calabar, Nigeria

**Session Co-chair: Michal Pardo**, Weizmann Institute of Science, Israel

### Session Introduction

- 09:00-09:25** **Title: Comparative effect of vitamins A (retinol) and E ( $\alpha$ -tocopherol) on gasoline vapor induced atherosclerotic risk in rats**  
**Friday E Uboh**, University of Calabar, Nigeria
- 09:25-09:50** **Title: Risk assessment and fractional distribution of thallium in paddy soil and its uptake by rice**  
**Xuexia Huang**, Guangzhou University, China
- 09:50-10:15** **Title: Kinetics of the cadmium uptake by a thiourea-modified natural clinoptilolite**  
**Perfecto Barragan-Pena**, Instituto Tecnológico de Nogales, Mexico

### Panel Discussion

**Networking & Refreshment Break 10:15-10:35 @ Piedmont Prefunction**

- 10:35-11:00** **Title: Assessment of weekly weight changes pattern, relative organ weights and some hematological indices in male and female rats exposed to gasoline vapours**  
**Saviour U Ufot**, University of Calabar, Nigeria
- 11:00-11:25** **Title: Health and epigenetic effects induced by metals in resuspended urban dust**  
**Michal Pardo**, Weizmann Institute of Science, Israel

### Symposium

- 11:25-11:55** **Title: Correlation between benzene concentrations with trans and trans-muconic acid**  
**Abdul Rohim Tualeka**, **Fransisca Anggyostiana Sirait** and **Fatma Nuriyanti Mochtar**, Airlangga University, Indonesia

### Session Discussion

### Video Presentation

- 11:55-12:10** **Title: Pyrethroid exposure genotoxic, chronic effects and glutathione s-transferase (GSTM1, GSTT1) genetic polymorphism in vector control workers**  
**Tirado N S**, University Mayor of San Andrés, San Andrés

### Posters Presentations @ 12:10-12:40

- EERS 01** **Title: Multigenerational effects of 3, 4-dichloroaniline of *Daphnia magna***  
**Hyemin Kim**, NeoEnBiz Co., South Korea
- EERS 02** **Title: The screening of rice endophytic biofertilizers with fungicide etridiazole, metalaxyl and tricyclazole tolerant ability**  
**Wen-Ching Chen**, National Chung-Hsing University, Taiwan
- EERS 03** **Title: Effects of PAHs on the early life stages of aquaculture fishes**  
**Seong-Dae Moon**, NeoEnBiz Co., South Korea

### Panel Discussion

### Awards & Closing Ceremony

**Lunch Break 12:40-13:40 @ OAK**

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5<sup>th</sup> International Conference on

# **Environmental Toxicology and Ecological Risk Assessment**

September 12-13, 2016 Phoenix, USA

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## **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 Cd<sup>2+</sup> and Pb<sup>2+</sup> 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**