

JOINT EVENT

Proceedings of  
9<sup>th</sup> International Conference on

# GLOBAL WARMING, CLIMATE CHANGE AND POLLUTION CONTROL

&

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

# RECYCLING : REDUCE, REUSE AND RECYCLE

December 5-6, 2018 | Vancouver, Canada



**Conference Series LLC Ltd**

47 Churchfield Road

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# Day 1 December 05, 2018

## Conference Hall: Douglas Fir Ballroom B

08:00-08:30 Registrations

08:30-09:00 Opening Ceremony

### Keynote Forum

- 09:00-09:30 **Title: Challenged nutrient recycling in the animal based protein system - applying the nutrient footprint method to the beef production and consumption chain**  
Sirpa Kurppa, Natural Resources Institute Finland (Luke), Finland
- 09:30-10:00 **Title: Green approach for recovery & reuse of E-waste by radiation processes**  
Mehul Patel, Central Institute of Plastics Engineering & Technology, India
- 10:00-10:30 **Title: Biomass and biogas for sustainable energy generation: Recent development and perspectives**  
Abdeen Omer, Energy Research Institute (ERI), UK

Group Photo 10:30-10:40

Panel Discussion

Networking & Refreshment Break 10:40-11:00 @ Douglas fir Ballroom Foyer

Workshop

- 11:00-12:00 **Title: The study of topographic changes of the middle levels of the atmosphere and its effect on the heat increase in the Middle East**  
Nader Parvin, Payame Noor University, Iran  
Chalak Farzin Nejad, A.S. Sama University, Iran  
Karim Hassanzeraat, A.S. Tabriz University, Iran

**Sessions: Solid Waste Management | E waste Recycling | Agriculture Waste Recycling | Industrial Waste Recycling | Plastic Recycling | Waste Management & Treatment | Fossil Fuels and Energy | Climate Change | Greenhouse Effect | Atmospheric Chemistry | Ecosystem, Natural Hazards | Deforestation, Pollution**

**Session Chair: Brigitte Wabuyabo-Okonga M, KCA University, Kenya**

**Session Co-chair: Mehul Patel, Central Institute of Plastics Engineering & Technology, India**

Session Introduction

- 12:00-12:30 **Title: Mesophilic anaerobic co-digestion of Source Separated Organic Waste (SSO) with Thickened Waste Activated Sludge (TWAS) for Improving Biomethane Production**  
Anahita Rabii, Ryerson University, Canada

Panel Discussion

Lunch Break 12:30-13:30 @ Douglas fir Ballroom Foyer

- 13:30-14:00 **Title: Plastic recycling in Bangladesh**  
Nasrin Sultana, Bangladesh Water Development Board, Bangladesh
- 14:00-14:30 **Title: Challenges of sustainable solid waste management in developing countries (Case Study: Windhoek, Namibia)**  
Ikenna Eric Onuegbu, Green World Trade, Namibia
- 14:30-15:00 **Title: Technological aspects for thermal plasma treatment of municipal solid waste using pyrolysis and gasification**  
Mohamed Aboughaly, University of Ontario Institute of Technology, Canada
- 15:00-15:30 **Title: Recycling of mine waste sludge to produce multifunctional ceramic**  
Mei Liu, Tohoku University, Japan

Panel Discussion

Networking & Refreshment Break 15:30-15:45 @ Douglas fir Ballroom Foyer

- 15:45-16:15 **Title: Production of activated biochar from Moroccan macro-algae residues**  
Saida Tayibi, Mohammed VI Polytechnic University, Morocco
- 16:15-16:45 **Title: Challenges and problems of plastic waste management in the city of Douala, Cameroon**  
Mbah Robert Achu, Protection of Nature and Sustainable Development, Cameroon
- 16:45-17:15 **Title: Maize corn cob as an adsorbent for the removal of Cd (II) from aqueous solutions**  
P V V Prasada Rao, Andhra University, India

**Panel Discussion**

**Day 2 December 06, 2018**

**Conference Hall: Douglas Fir Ballroom B**

**Keynote Forum**

- 09:30-10:00 **Title: Mobile phone technology for enhancing consumer package waste management in Kenya**  
Brigitte Wabuyabo-Okonga M, KCA University, Kenya
- 10:00-10:30 **Title: Evaluation of formaldehyde concentration in the ambient air of a most populated Iranian city, Tehran**  
Mohammad Hadi Dehghani, Tehran University of Medical Sciences, Iran

**Panel Discussion**

**Networking & Refreshment Break 10:30-11:00 @ Douglas fir Ballroom Foyer**

**Sessions: Fossil Fuels and Energy | Climate Change | Greenhouse Effect | Atmospheric Chemistry | Ecosystem | Natural Hazards | Deforestation | Pollution | Solid Waste Management | E waste Recycling | Agriculture Waste Recycling | Industrial Waste Recycling | Plastic Recycling | Waste Management & Treatment**

**Session Chair: Sirpa Kurppa, Natural Resources Institute Finland (Luke), Finland**

**Session Co-chair: Mehul Patel, Central Institute of Plastics Engineering & Technology, India**

**Session Introduction**

- 11:00-11:30 **Title: Heavy metal accumulation of vegetables grown in urban agriculture irrigated with waste water in Addis Ababa**  
Addisu Gebremedhin Atsibha, Senior Environmentalist and Consultant, Ethiopia
- 11:30-12:00 **Title: Solid waste management in response to global warming and climate change in suryabinayak municipality, Bhaktapur district, Nepal**  
Prakash Gyawali, Surybinayak Municipality, Nepal
- 12:00-12:30 **Title: Current scenarios of green house gas emission in Bangladesh**  
Mohammad Anamul Haque Nayan, Jahangirnagar University, Bangladesh

**Panel Discussion**

**Lunch Break 12:30-13:30 @ Douglas fir Ballroom Foyer**

- 13:30-14:00 **Title: Global warming and pollution control through biodiesel production from consortium of microalgae**  
Abebe, Birhanu Ayalew, Ethiopian Biotechnology Institute, Ethiopia
- 14:00-14:30 **Title: Solid waste management in response to global warming and climate change in suryabinayak municipality, Bhaktapur district, Nepal**  
Sagun Thapa, Nepal Red Cross Society, Nepal
- 14:30-15:00 **Title: Aerosol and cloud-droplet properties over the East China Sea influenced by the Asian pollution**  
Deepak Aryal, Tribhuvan University, Nepal
- 15:00-15:30 **Title: Reutilization of tannery waste - chrome buffing dust for road pavement construction**  
Solomon Fessehaye Woldeyohannes, Addis Ababa, Ethiopia

**Poster Presentation 15:30-16:00 @ Foyer**

**Poster Judge:** **Brigitte Wabuyabo-Okonga M**, KCA University, Kenya

**GCPRC-1** **Title: Mango waste as culture medium for bacterial cellulose production by *Komagataeibacter xylinus* in static culture**

**Yolanda González-García**, Universidad de Guadalajara, Mexico

**GCPRC-2** **Title: Natural Dyes from *Bidens Macroptera* (Adey Ababa) flower and *Eucalyptus Camaldulensis* leaves and their application for leather dyeing**

**Meron Mengistu Zewdie**, Addis Ababa University, Ethiopia

**GCPRC-3** **Title: Preparation of nano-fat liquor cum retanning agent from fleshing waste: Wealth from waste approach**

**Wintana Kassahun Engeda**, Ethiopia Biotechnology Institute, Ethiopia

### **Panel Discussion**

**Networking & Refreshment Break 16:00-16:15 @ Douglas fir Ballroom Foyer**

**Thanks Giving & Closing Ceremony**