



## Conference Programme

### Day 1: Wednesday March 02, 2016

Venue: Sheikh Zayed Center For Conferences and Exhibitions, Ajman University, Ajman - UAE

08:30 – Registration

09:00 – Arrival of *H.H. Sheikh Humaid bin Rashid al-Nuaimi*, Member of the Supreme Council, Ruler of Ajman  
– Inauguration of the Sponsors' Exhibition

#### OPENING CEREMONY:

Venue: Theater Hall

09:15 – National Anthem

– Holy Quran

– Opening Address: *H.H. Sheikh Humaid bin Rashid al-Nuaimi*, Member of the Supreme Council, Ruler of Ajman, Patron of AIEC2016

– Guest Speech: *H.E. Dr. Thani Al Zeyoudi*, Minister of Climate Change and Environment

– A Documentary Film

#### 09:45 COFFEE BREAK

#### SESSION 1: Keynote Addresses:

Venue: Theater Hall

Chair: *Terrence Cooke*, Director of Business Development, Science Target Inc., CANADA

10:15 – KS01: Local Practices as Best Practices: Heritage in Development in Ajman, the United Arab Emirates, the Middle East, and Beyond. *Prof. Joseph Hobbs*, Head of AIEC2016 Scientific Committee, Department of Geography, Director, Vietnam Institute, University of Missouri, United States of America

10:35 – KS02: Green Infrastructure: Assessment of Tree Damage to Urban Structures. *Prof. Miklas Scholz*, Chair in Civil Engineering, University of Salford, United Kingdom

10:55 – KS03: Seeking a Sea Change Conceptualizing Urban Water Supply Systems". *Prof. Bryan Karney*, Associate Dean and Chair, Division of Environmental Engineering & Energy Systems - Faculty of Applied Science & Engineering, University of Toronto, Canada

11:15 – KS04: Urban Design towards Smart Low Carbon Precincts. *Prof. Steffen Lehmann*, Professor of Sustainable Architecture, Founding Director, s\_Lab (Sydney – Berlin), The University of Portsmouth, United Kingdom

11:35 Q&A Discussion

#### 12:00 LUNCH BREAK



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#### **SESSION 2: Sustainable Practices in the United Arab Emirates**

Venue: Theater Hall

Chair: *Prof. Joseph Hobbs*, Director, Vietnam Institute, University of Missouri, USA

- 13:00 – SC587: A Successful Implementation of Smart Sewerage Infrastructure in Ajman, UAE. *Christophe Ledur*, UAE
- 13:15 – BP568: Towards Safer UAE Roads: A Micro-Level Approach. *Benish Chaudhry*, UAE
- 13:30 – GI344: Drone Applications for Environmental Monitoring in Urban Spaces. *David James Gallacher*, UAE
- 13:45 – GI620: Use of Wetlands in Sharjah, UAE – Possibilities and Challenges. *Mahsa Hashemi*, UAE
- 14:00 – SC482: Towards the 2<sup>nd</sup> Sustainable City in the Middle East: Retransforming and Applying the PRS and the ESTIDAMA First Model of Abu Dhabi Master Plan 2030 on Ras El Khaimah Costal City. *Aia Mohamed Sherif*, UAE
- 14:15 – BP628: Sustainability is Pure Profit – Hotel Point of View, *Iftikhar Hamdani*, UAE
- 14:30 Q&A Discussion

#### **14:45 COFFEE BREAK**

#### **SESSION 3: Green Infrastructure**

Venue: Theater Hall

Chair: *Prof. Miklas Scholz*, Chair in Civil Engineering, University of Salford, UK

- 15:00 – GI324: Solar Panel and Renewable Energy in Mexico Development and Outlook for Photovoltaic. *José G Vargas-hernández*, MEXICO
- 15:15 – GI472: Understanding the Role of Green Infrastructure (GI) in Tackling Climate Change in today's World. *David Idiata*, UK
- 15:30 – GI343: Adoption of Green Practices in Industrial Buildings: An Action Research on Capacity Building of Stakeholders towards Green Factories. *Gagan Preet Kaur*, INDIA
- 15:45 – GI421: Effect of New Ellipse Design on the Performance Enhancement of PV/T Collector: CDF Approach. *Kamaruzzaman Sopian*, MALAYSIA
- 16:00 – GI612: Examining the Lagos Green Initiative: A Case Study of Kosofe Local Government. *Ayinde Anjolajesu*, NIGERIA
- 16:15 – GI627: The Urgent Necessity to Redouble Renewable Energy Output. *Ali Sayigh*, UK
- 16:30 Q&A Discussion

#### **16:45 End of Day 1**

**18:30 Gala Dinner at King Grills International Restaurant- Ramada Beach Hotel- Ajman**



## Conference Programme

### Day 2: Thursday March 03, 2016

Venue: Sheikh Zayed Center For Conferences and Exhibitions, Ajman University, Ajman – UAE

08:30 – Registration

#### SESSION 4: Green Innovation

Venue: Theater Hall

Chair: *Prof. Bryan Karney*, Associate Dean and Chair, University of Toronto, CANADA

- 09:00 – BP464: The "Green Curtain" as an Educational Project for Spreading Sustainability Awareness. *Ikko Tucker*, UAE
- 09:15 – BP356: Contamination of Soil and Crops Irrigated with Recycled Domestic Wastewater. *Suhad Almuktar*, UK
- 09:30 – BP561: Resource Efficiency and Innovation in Public Transport: Implementing Inclusive Green Growth in the Himalayas. *Ravinder Nath Batta*, INDIA
- 09:45 – BP470: Green Synthesis Approach of Ag-Nanoparticles Decorated Mesoporous Nanofibers Membrane: Excellent Antimicrobial Properties in Dark Environment. *Ahmed Aboueloyoun Taha*, CHINA
- 10:00 – BP473: Energy Intensive Water Management to Achieve Zero Carbon Footprint – A Case Study in Semi-Arid Region, India. *Kulsum Fatima*, INDIA
- 10:15 – SC642: Unlocking the Potential of Shared Mobility: the Role in Environmental Protection and Impact on the Urban Transportation System. *Maria Strigunova*, FRANCE
- 10:30 Q&A Discussion
- 10:45 COFFEE BREAK**

#### SESSION 4A: Land, Waste and Emergency Management Innovations

Venue: Room A

Chair: *Prof. Miklas Scholz*, Chair in Civil Engineering, University of Salford, UK

- LW619: Assessment of Mixing Potential of Sewage Sludge, Green Waste and Food Waste for Co-Composting. *Mortula Maruf*, UAE
- LW294: Stabilization/Solidification (S/S) Technique: A Review of its Advantages and Applications in Saudi Arabia. *Abdulrahman Hamid*, SAUDI ARABIA
- LW308: Introduction of Knowledge of Waste Separation in Developing Countries. *Khondaker G.A. Islam*, CANADA
- LW438: Comparison of Irrigation Qualities of Septic Tank Effluents Reclaimed Using Aerobic- Versus Anaerobic-Based Treatment Systems. *Abdallah Abusam*, KUWAIT
- LW449: Efficient Extraction of Radioactive Isotopes of Cobalt, Europium, Cerium, Strontium and Copper from Aqueous Solutions. *Sergiy N. Lavrynenko*, UKRAINE
- LW549: Natural Heritage as a Structure for Urban Regeneration: Case of El Harrach River. *Amel Bellala*, ALGERIA
- Q&A Discussion



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#### SESSION 5: Smart Cities

Venue: Theater Hall

Chair: *Prof. Steffen Lehmann*, Founding Director, s\_Lab (Sydney – Berlin), The University of Portsmouth, UK

- 11:00 – SC340: Development and Validation of ICT for Building Capacities towards Renewable Energy and Energy Efficiency: A Step towards Smart Cities through Sustainable Resource Use. *Gagan Preet Kaur*, INDIA
- 11:15 – SC397: Smart Cities and Sustainability: An Approach for Managing Resources through Smart Systems. *Doaa Medhat Morsy*, EGYPT
- 11:30 – SC414: The Role of Energy in Buildings in Smart Cities. *Ala Hasan*, FINLAND
- 11:45 – SC379: Urban-Scale Material Flow Analysis: Malaysian Cities Case Study. *Farah Ayuni Shafie*, MALAYSIA
- 12:00 – SC439: Planning for a Smart City with a Human Face in Developing India. *Shashi Mehta*, INDIA
- 12:15 – SC557: Optimal air quality monitoring network for Green Cities. *Shareef Mohammed Mujtaba*, CANADA

12:30 Q&A Discussion

**12:45 LUNCH BREAK**

#### SESSION 5A: Best Practices

Venue: Room A

Chair: *Prof. Joseph Hobbs*, Director, Vietnam Institute, University of Missouri, USA

- BP373: The Impact of Potential Evapotranspiration Methods at Various Altitudes on the Reconnaissance Drought Index Alpha Form for Arid and Semi-arid Regions. *Ruqayah Mohammed*, UK
  - BP468: Risk of Environmental Performance Decrease after Revocation of Financial Accounting Standard No. 32 for Forestry Accounting in Indonesia. *Lindrianasari Amsir Saidi*, INDONESIA
  - BP406: Effect of Various Shading Methods on Cucumber (*Cucumis sativus* L.) Growth and Yield Production. *Taleb Rateb Abu-Zahra*, JORDAN
  - BP448: Consequences of Environmental Pollution on Agricultural Productivity in the Developing Countries; a Case of Nigeria. *Comfort Chigozie Godson-ibeji*, NIGERIA
  - BP584: Environmental Management Activity towards Financial Performance in Indonesian Mining Companies. *Farah Dina*, INDONESIA
  - BP626: Delivering Sustainability Values through Green Information Technology, Media Literacy in the Public Arena. *Jabbar Al-Obaidi*, USA
- Q&A Discussion



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#### SESSION 6: Environmental Health and Policy

Venue: Theater Hall

Chair: *Prof. Bryan Karney*, Associate Dean and Chair, University of Toronto, CANADA

- 13:45 –BP625: Innovative Schemes and Partnerships to Leverage Investment in SPS Systems. *Maria Strigunova*, FRANCE
- 14:00 –BP555: Investigative Studies on Environmental Disclosure and the Costs of R&D as a Compliance with Government Policy on Corporate Social Responsibility in Indonesia. *Lindrianasari Amsir Saidi*, INDONESIA
- 14:15 –BP443: Death of the Human Embryo from Electromagnetic Radiation. *Viktor A. Ovsyannikov*, RUSSIAN FEDERATION
- 14:30 –LW326: Poultry Production and the Environmental Health. *Hanan Salman Al-Khalifa*, KUWAIT
- 14:45 –SC471: Sustainable Development and Right to Water - An International Perspective. *Zainab Fatima*, INDIA
- 15:00 –LW263: Shrimp Fry (meen) Farmers of Sundarban Mangrove Forest (India): A Tale of Ecological Damage and Economic Hardship, *Pritha Das*, INDIA
- 15:15 Q&A Discussion

**15:30 Wrap-up, Recommendations and Closing Ceremony**

**18:30 City Sightseeing Tour (Ajman and Sharjah)**

#### SESSION 6A: Sustainability and Smartness

Venue: Room A

Chair: *Prof. Steffen Lehmann*, Founding Director, s\_Lab (Sydney – Berlin), The University of Portsmouth UK

- GI410: SMEs and Sustainable Tourism - The Case of an Indian Himalayan Destination. *Ravinder Nath Batta*, INDIA
- SC474: Water Resource Management for Sustainable Development of Smart Cities along Foothills of Himalayas – Dehradun A Case Study. *Kulsum Fatima*, INDIA
- SC547: Advancing Smartness of Traditional Settlements - Case Analysis of Indian and Arab Old Cities. *Mani Dhingra*, INDIA
- LW558: Dimensions of Spatial Change in an Egyptian Village. *Bahgat Mohamed Abdel-Maksoud*, EGYPT
- GI475: Rural Electrification through Solar Energy: Insights from Chattisgarh State of India. *Meenal Jain*, INDIA
- BP629: Sustainability Plan in Ottawa and Green Infrastructure. *James Britch and Eslam Alhogaraty*, CANADA
- Q&A Discussion