

Registration

08:00 AM - 11:00 AM

First Session



08:30 AM - 11:00 AM

Responsible Citizen and Food Value Appreciation

Chairs

Dr. Abdulrahman Salih Hariri,
Director, Department of Environmental Capacity
Development, Environment Agency, Ministry of
Environment, Water and Agriculture



View Session

30 Min.

Keynote Plenary :
Prof. Hussein Suliman Adam
Academic advisor for the Vice Chancellor
of the University of Gezira, Sudan

10 Min.

Eng. Mohammed Almutiri *
Mechanisms to rationalize food consumption of Saudi households
as an entry point for Saudi food waste management (In Arabic)



View Abstract

10 Min.

Dr. Nuhu Dalhat Mu'azu
A Strategic Hierarchical Food Loss and Waste Management
Approach for Transforming KSA into Circular Economy (in English)



View Abstract

20 Min.

Open Discussion

10 Min.

Eng. Mohammed Al Nahari*
Automatic Waste Sorting using Deep Learning (in English)



View Abstract

10 Min.

Dr. Noosheen Zahid *
Exploring the efficacy of new edible coatings in maintaining
postharvest quality of fresh fruits and vegetables: Propolis a case
study (in English)



View Abstract

10 Min.

Dr. Abdullahi Chowdhury
Smart Recycle Bin for Smart Home: A Novel Approach to
Improve Home Waste Management (in English)



View Abstract

20 Min.

Open Discussion

* et al.



Exhibition Opening



11:00 AM- 11:15 AM



Opening Ceremony

11:15 - 11:17

The Holy Qur'an

11:17 - 11:20

An Introduction

11:20 - 11:25

Dean's Speech
College of Engineering
Dr. Meshal Almoshaogeh

11:25 - 11:30

Film about the Conference

11:30 - 11:35

Speech of Sustainable Development Center Director
Mr. Ibrahim Saleh Alrebdi

11:35 - 11:40

Sponsors' Speech
Mr. Majed Abdulrahman Alosailan
Executive Director of the City Cement Factory

11:40 - 11:45

Speech of Organization Committee
Prof. Khaled Bani AlHarbi
The Vice Rector for Planning, Development and Quality

11:45 - 11:50

Patrons's Speech
His Excellency the Rector of Qassim University
Dr. Abdulrahman AlDawood

11:50 - 12:00

Honoring



View Ceremony

Prayer Time and Break

12:00 PM - 01:00 PM

Second Session



01:00 PM- 02:15 PM

Public and Privet Sector Session

Chairs

Dr. Saleem Saleh AlSaleem
Chairman of Scientific Committee
Dean of Architecture and Planning College



View Session

10 Min.

Mr. Ibrahim Saleh Alrebdi
Director of Sustainable Development Center - Qassim University
Initiative of Qassim University as Sustainable University

10 Min.

Mr. Majed Abdulrahman AlOsailan
Chief Executive Officer - City Cement Company
City Cement Journey to Sustainability

10 Min.

Mr. Ahmed Bajahlan
Deputy of General Administration - General Administration for Legislation and Environmental Management
Performance Deputy Ministry of Environment - Ministry of Environment, Water and Agriculture
Future of Solid Waste Management in Saudi Arabia

10 Min.

Eng. Ali Alinizi
Municipal Services Advisor - Ministry of Municipal and Rural Affairs
Program of Sorting Waste from the Source

10 Min.

Dr. Abdul Aziz Alkhwaiter
Director of the Department of Sanitary Landfill and the Waste Management Initiative - Qassim Municipality
Municipal Waste Treatment Project in the Green Oasis Environmental Facility
at the Qassim Municipality

20 Min.

Open Discussion

Third Session



02:20 PM - 04:00 PM

Attractive investment

Chairs

Prof. Waleed M. Zahid
Dean of the College of Engineering
King Saud University



View Session

30 Min.

Keynote Plenary :
Prof. Hiroshan Hettiarachchi
Head of Unit Resources Management
UNU-FLORES, Germany

10 Min.

Prof. Mohamed E. Ali *
Thermal Insulating Characteristics of Wasted Materials Made of
Apple of Sodom and Palm Tree Surface Fibers as New
Insulation Materials for Buildings (in English)



View Abstract

10 Min.

Dr. Abdelkader. T. Ahmed
Environmental and Financial Analyses for Waste Management
Options in KSA (in English)



View Abstract

10 Min.

Dr. Mohd Shariq *
Age-Dependent Mechanical Properties of Recycled Aggregate
Concrete Containing Industrial Wastes - A Clean and Sustainable
Solution (in English)



View Abstract

20 Min.

Open Discussion

10 Min.

Dr. Golam Kabir *
Analysis of Canadian Solid Waste Management Systems Using
Entropy Coefficient and TOPSIS Methods (in English)



View Abstract

10 Min.

Dr. Osama Mohammed Irfan
Impact of Scrap Rubber Recycling on Sustainable Development
and Environmental Improvement - A Review (in English)



View Abstract

20 Min.

Open Discussion

* et al.

First Session

08:30 AM - 10:25 AM

Integrated Solid Waste Management

Chairs
Dr. Majed F. Alinizzi
 Assistant of Vice-Rector
 Assistant Professor - College of Engineering
 Qassim University

[View Session](#)

30 Min.

Keynote Plenary:
Dr. Amimul Ahsan
 Uttara University, Bangladesh
 and Swinburne University of Technology, Australia.

10 Min.

Prof. Aber Mohamad *
 Obligatory Aspects of Sustainable Waste Management in the MENA Region (in English)

[View Abstract](#)

10 Min.

Dr. Faisal A. Osra
 Solid Waste Characterization in Makkah, KSA (in English)

[View Abstract](#)

10 Min.

Mr. IbrahimSaleh Alrebdi
 Municipal Solid Waste characterization for Buraidah city: The entry point for good waste management (In Arabic)

[View Abstract](#)

10 Min.

Dr. Mehdi Maqbool*
 Efficacy of Biodegradable Novel Edible Composite Coatings Based on Gum Arabic and Chitosan to Enhance the Storage Life of Banana (in English)

[View Abstract](#)

10 Min.

Eng. Aruba Waqar *
 Sustainable Approaches of Renewable Clean Energy Recovery from Solid Waste (in English)

[View Abstract](#)

35 Min.

[Open Discussion](#)

* et al.

Break

10:25 AM - 10:40 AM

Second Session

10:40 AM - 12:05 PM

Resource Recovery

Chairs
Prof. Sulaiman Abd Elaziz AlYahya
 Vice-Rector for Planning, Development and Quality, Qassim University, Former.

[View Session](#)

10 Min.

Dr. Muhammad Waqas *
 Assessing the Potential of Natural Zeolites and Biochar in the Bioconversion of Organic Fraction of Municipal Solid Waste to Organic Fertilizer (in English)

[View Abstract](#)

10 Min.

Dr. Radwan Almasri *
 Evaluation of a Hybrid Thermal Solar and Biomass Energy System for Hot Water Supply (in English)

[View Abstract](#)

10 Min.

Eng. Dauda Mohammed *
 Production of Sludge-Based Activated Carbon : Optimization, Characterization and Adsorption Study (in English)

[View Abstract](#)

10 Min.

Eng. Abdullah A. Basaleh *
 Utilization of Municipal Organic Solid Waste in Production of Activated Carbon and its Application in Dye and Heavy Metals Adsorption (in English)

[View Abstract](#)

10 Min.

Dr. Ahmed Batea Fahmy
 Treatment of Solid Wastes by Anaerobic Digestion for Compost and Biogas Production (in English)

[View Abstract](#)

35 Min.

[Open Discussion](#)

* et al.

Prayer Time and Break

12:05 PM - 12:30 PM

Third Session

12:30 PM - 02:25 PM

Environmental Protection

Chairs
Dr. Abdul Aziz B. Alharbi
 Environmental Physics
 Agriculture and Veterinary College
 Qassim University

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30 Min.

Keynote Plenary :
Dr. Abdelhadi Abdelwahab
 Arabian Gulf University, Bahrain

10 Min.

Dr. Turki Mesfer Alaboud
 A geophysical study on the impact of Al-Ma'aysem landfill on groundwater: The need to develop options for landfill closure (In Arabic)

[View Abstract](#)

10 Min.

Dr. Ahmed B. Babader
 Effective waste management by enhancing reusable packaging (in English)

[View Abstract](#)

10 Min.

Dr. Noureddine Hamed *
 Necessity of Recycling waste towards a green economy - With reference to the case of Algeria -

[View Abstract](#)

35 Min.

[Open Discussion](#)

* et al.

Closing Session

02:25PM - 03:30 PM

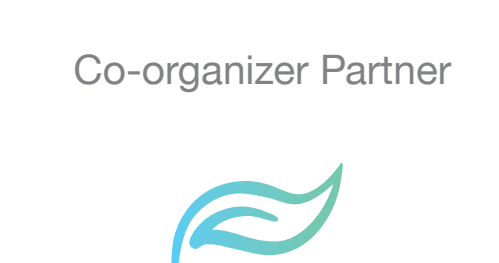
Recommendations and Honoring

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