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**H.E. Sheikh Nahayan Mubarak Al Nahayan**  
*Cabinet Member, Minister of Tolerance and Coexistence*

# International Conference on Advancing Sustainable Futures (ICASF 2023)

Conference Theme: **Sustainable Futures and Technologies**

5 - 6 December 2023

Waldorf Astoria, Dubai Palm Jumeirah

## Agenda











## Opening Speech

**H.E. Sheikh Nahayan Mubarak Al Nahayan**  
*Cabinet Member, Minister of Tolerance and Coexistence*



## Welcome Notes

**Prof. Ghassan Fouad Auoud**  
*Conference Advisor, Chancellor, Abu Dhabi University*

## Keynote Speakers



**Dr. Jemimah Njuki**  
*Chief of the Economic Empowerment section, UN Women*



**H.E. Ahmed Baharoon**  
*Executive Director, Environmental Information, Science and Outreach Management, Environment Agency-AbuDhabi (EAD)*



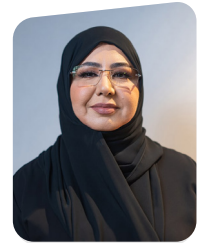
**Prof. Dr. Ir. Riri Fitri Sari**  
*Chairperson of UI GreenMetric World University Rankings, Indonesia, Professor of Computer Engineering, Universitas Indonesia (UI)*



**Prof. Mahmoud Abdel-Aty**  
*President of Natural Sciences Publishing USA, President of Arab Impact Factor, Vice-President of the African Mathematical Union, Dean of Research and Graduate Studies at Ahlia University in the Kingdom of Bahrain*



**Dr. Kay Hack (PFHEA)**  
*Lead Consultant (Education), Advance HE Led, in collaboration with the UK Quality Assurance Agency, the revision of sector guidance on Education for Sustainable Development*



**Dr. Aishah Al Yammahi**  
*Board Advisor for Alef Education, a leading EdTech company in the UAE*

## Conference Chair



**Prof. Sherine Farouk**  
*Associate Provost of Academic Projects,  
Abu Dhabi University*

## Conference Co-Chair



**Prof. Salam Abdallah**  
*Professor of MIS, Abu Dhabi University*

## Conference Special Sessions

### Education for Sustainable Development: What, Why and How



**Dr. Kay Hack (PFHEA)**  
*Lead Consultant Education, Advance HE*

### The Need for Accelerating Transformative Change in Cities and Communities: The Crucial Role Plaid by Universities



**Prof. Patrizia Lombardi**  
*President of the Italian Network of Universities  
for Sustainable Development and Vice-Rector  
for Sustainable Campus and communities and  
Sustainable at Politecnico di Torino*

## Abu Dhabi University Research Institute for Sustainable Futures



**Prof. Montasir Qasymeh,**  
*Associate Provost for Research and Academic  
Development, Abu Dhabi University*





## Panels Discussion

### Leaders of Sustainable futures: Lessons from industry Eco-Champions

Moderated by



**Mr. Achraf Ellili**  
Chief Executive Officer, Flow  
Progressive Logistics



**Mr. Niccolò Heilpern**  
Region Vice President, MAIRE  
S.p.A.



**Mr. Nathan  
Roestand**  
Co-Founder & CEO at Nafas



**Dr. Ansari Wahid**  
Group Chief Executive Officer,  
Adeeb Group LLC, UAE



**Dr. Sarah  
Al-Hashimi**  
Associate Director of  
Abu Dhabi University  
Development Office,  
Abu Dhabi University



**Dr. Hamad  
Odhabi**  
Vice Chancellor for  
Administration and  
Financial Affairs,  
Abu Dhabi University



**Ms. Reef Al Khaja**  
Marketing Director at Emirates  
Red Crescent



**Mr. Abdulla Bin Kalban**  
Senior Manager - Process Control &  
Process Efficiency, EGA



**Farah Chakhachiro**  
Co-founder and Vice President of  
Gracia Group



**Prof. Ghassan Aouad**  
Chancellor, Abu Dhabi University

### The Role of ESG Metrics in Accounting and Finance; Measuring Impact Beyond Profit

Moderated by



**Gwen van Berne,**  
CMA  
Global Board of Directors  
Chairman 2022-2023



**Stella LU, FCCA,**  
CMA, MBA  
Group Financial Controller  
in EDGE Group



**Prof. Charilaos  
Mertzanis**  
Professor of Finance, Abu  
Dhabi University



**Mr. Nabil Butt**  
Chief Financial Officer,  
Asayel Investment Group



**Prof. Patrícia Iglecias**  
Professor and Head of Environment  
at the University of São Paulo (USP)



**Dr. Ehab Shalaby**  
Chairman & CEO of DCarbon Egypt,  
Chairman & CEO of DCarbon  
Global, UAE



**Prof. Nejla Ellili**  
Professor of Finance,  
Abu Dhabi University



## Special Session

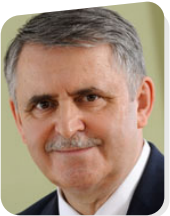
### The Announcement of UI GreenMetric World University Rankings Results and Awards 2023



**H.E. Husin Bagis**  
*Ambassador of the Republic of  
Indonesia to the United Arab  
Emirates*



**Prof. Dr. Ir. Riri Fitri Sari**  
*Chairperson of UI GreenMetric World  
University Rankings, Indonesia,  
Professor of Computer Engineering,  
Universitas Indonesia (UI)*



**Prof. Waldemar Siwinski**  
*President of IREG Observatory  
and Academic Ranking and  
Excellence*



**Prof. Ghassan Aouad**  
*Chancellor, Abu Dhabi  
University*



## MOUs Signing Ceremonies

### Abu Dhabi University and **MAIRE S.p.A., ITALY**

In the presence of H.E.  
the Italian Ambassador



**Mr. Lorenzo Fanara**  
*Ambassador of the Republic  
of Italy in UAE*



**Mr. Niccoló Heilpern**  
*Region Vice President of  
MAIRE S.p.A.*

### Abu Dhabi University and **McMaster University**



**Dr. Bonny Ibhawoh**  
*Vice Provost, International  
Affairs*



**Dr. Khaled Hassanein**  
*Dean, DeGroote School of  
Business*



**Dr. Elkafi Hassini**  
*Associate Dean, Research -  
DeGroote School of Business*



**Meaghan Middleton**  
*Director, Development Office -  
DeGroote School of Business*

### Abu Dhabi University and **UNIVERSITY OF SÃO PAULO**



**Rafael Solimeo**  
*Head Of The International Office  
Of The Arab Brazilian Chamber  
Of Commerce In Dubai*



**Prof. Patrícia Iglecias**  
*Professor and Head of Environment at the  
University of São Paulo (USP)*



## DAY 1 - Tuesday, 5 December 2023

TIMINGS	EVENT	VENUE
8:30 - 10:00	Registration and Welcome coffee	Pre Fuctional Area
10:00 - 11:15	<p><b>Inaugural Session</b></p> <ul style="list-style-type: none"> <li> <b>Welcome Notes</b> (10:05 - 10:15)  <b>Prof. Ghassan Fouad Aouad</b>,            Conference Advisor - Chancellor of Abu Dhabi University         </li> <li> <b>Coffee Break</b> (10:15 - 10:30)         </li> <li> <b>Opening Speech</b> (10:30 - 10:40)  <b>H.E. Sheikh Nahayan Mabararak Al Nahayan</b>,            Cabinet Member, Minister of Tolerance and Coexistence         </li> <li> <b>Keynote Speech</b> (10:40 - 10:50)  <b>Dr. Jemimah Njuki</b>,            Chief of the Economic Empowerment section, UN Women         </li> <li> <b>Keynote Speech</b> (10:50 - 11:05)  <b>H.E. Ahmed Abdulmuttaleb Baharoon</b>,            Executive Director, Environmental Information, Science and Outreach Management, Environment Agency-AbuDhabi (EAD)         </li> <li> <b>Vote of Thanks and Appreciation</b> (11:05 - 11:15)  <b>Prof. Sherine Farouk</b>,            Conference Chair, Associate Provost of Academic Projects, Abu Dhabi University         </li> </ul>	Grand Ballroom

## Session A DAY 1 - Tuesday, 5 December 2023

Track: Business Management Sustainability and Law			Chair: Dr. Amit Kumar, Assistant, Professor of Management, Abu Dhabi University
Paper ID	Time: 11:15 - 12:40   Venue: Astor	Paper Title	
1	103	Muhanad Hasan Agha (Moscow School of Management SKOLKOVO); Vladimir Korovkin (Moscow School of Management SKOLKOVO); Svetlana Mironyuk (Moscow School of Management SKOLKOVO)	Sharing Economy and Responsible Consumption: A Conceptual Analysis
2	10	Minal Uprety (Kirkoskar Institute of Management, Pune); Pratibha Barik (Shri Shankaracharya Professional University, Bhilai)	Youngsters' Intention to Purchase Sustainable Fashion Products Via Social Networking Platforms: A Mediating Role of Awareness & Perceived Value
3	65	Gerhard Schewe (University of Muenster)	Sustainability and Customer Satisfaction in Hospitality: Results from Survey and eWOM Data
4	100	Ghada Seif (Abu Dhabi University)	Corporate Governance of Sustainable Artificial Intelligence (AI) in Strategic Communication (SC) and Digital Marketing (DM): UAE Guidelines
5	171	Abbas Valadkhani (Swinburne University of Technology); Barry OMahony (Abu Dhabi University)	Socially responsible investing: achieving both returns and values
6	9	Muhammad Z Mamun (East West University)	Factors Affecting Urban Women Empowerment in Bangladesh
Track: Science and Engineering Sustainability			Chair: Prof. Sharul Sham Bin Dol, Professor of Mechanical Engineering, Abu Dhabi University
Paper ID	Time: 11:15 - 12:40   Venue: Metropolitan	Paper Title	
1	41	Geetha Kannan (Bits Pilani,Dubai Campus); Monica Isukapall (Bits Pilani,Dubai Campus); Prakash Kumar.b.g (Bits Pilani,Dubai Campus); Meenakshi Sivaramakrishnan (Bits Pilani,Dubai Campus)	Assessment of Halophyte Biochar for the Amendment of Sandy Soil
2	244	Osama A Mohamed (Abu Dhabi University); Anamika V Mishra (Abu Dhabi University); Fida AbdulHafiz (AbuDhabi university ); Eman Ahmed (Abu Dhabi University)	An Overview of 3D Printed Concrete: Material Properties, Sustainability, Future Opportunities and Challenges
3	422	Ahmed Al Hatrooshi (Mott Macdonalds)	The Role of Green Hydrogen and Renewable Energy Industrial Hubs in Decarbonization
4	331	Ahmad Rahhal (United Arab Emirates University); Fadi Alnaimat (United Arab Emirates University ); Bobby Mathew (United Arab Emirates University)	Design and Thermal Performance Analysis of Microchannel Heat Sinks with Square Sidewall Fins
5	31	Wisam Bukaita (Lawrence Technological University, USA)	Modified Euler Equation for Non Prismatic Members
6	151	Ravijanya Chippagiri (Visvesvaraya National Institute of Technology); Bhagyashri A Lanjewar (Visvesvaraya National Institute of Technology); Muralidhar Kamath (Apple Chemie India Pvt. Ltd. Nagpur); Rahul Ralegaonkar (Visvesvaraya National Institute of Technology)	Prediction of Construction Materials for Conventional and Alkali-activated 3D Concrete Printing



## Session A DAY 1 - Tuesday, 5 December 2023

Track: Sustainability and Education			Chair: Prof. Ghanem Al Bustami, Professor of Development & Education Psychology, Abu Dhabi University
Paper ID	Time: 11:15 - 12:40   Venue: Carnegie	Paper Title	
1	329	Nitin Vivek Shrotri (Quantum Leap Consultants); Mayank Vaswani (Vijaybhoomi University); Aditya Pratap Aggarwal (Vijabhoomi University)	Integration of trekking in management curriculum framework for sustainable education to develop multiple skills through experiential learning
2	52	Sarika Sharma (Symbiosis Institute of Computer Studies and Research); Shreya Virani (Symbiosis Centre for Management Studies); Sonica Rautela (Symbiosis Centre for Management Studies)	Nurturing social entrepreneurship for sustainable development: Role of higher educational institutions
3	95	Mona Said (Abu Dhabi University)	Advancing Sustainable Education for a Better, More Sustainable Future for All
4	124	Mohammed Mazen Hariri (Damascus University)	Educational impact on improving reducing carbon emissions in selected secondary schools
5	99	Kishori S Kasat (Symbiosis School for Liberal Arts); Naim R Shaikh (Global Business School and Research Centre, D.Y. Patil Vidyapeeth, Pune); Venkatesh Iyengar (Christ College, Pune)	Understanding the Adoption of Education 4.0 Technologies in Improving the Sustainability of Quality Education (SDG4)
Track: Sustainability in Health, Food, and Social Science			Chair: Dr. Haleema Al Sabbah , Associate Professor of Public Health, Abu Dhabi University
Paper ID	Time: 11:15 - 12:40   Venue: Liberty	Paper Title	
1	47	Thouraya TS Snoussi (University of Sharjah); Anas Masamreh (University of Sharjah)	Podcasts in the MENA region: for sustainable environmental communication
2	62	Samar N Mouti (Liwa College); Shamsa Al Muhairi (Al Khawarizmi International University College)	Food Wastage Management Sustainability System
3	111	Anum Obaid (Riphah International University); Hassan Ali (Implenia Norway AS); Urba Shahid (The University of Faisalabad); Zoshia Zainab (Riphah International University)	Effect of Post-pandemic Economic Instability of Pakistan on Food Insecurity: A Qualitative analysis
4	183	Fathi Awad (Liwa College); Rekha Pachaiappan (SIMATS Engineering, Saveetha University); Wadah Khogali (Liwa College); Lubna Azhary (Lavantine Medical Centre); Sameh Fawzy Gad Elsonbaty (Liwa college); Kashef AlShaban (Liwa College)	Comparison of Curricula of BS Medical Imaging in UAE and Selected Countries
5	133	Suzan Marwan Shahin (Umm Al Quwain University )	Irrigation Water Requirements for Tomato Using FAO-CROPWAT Model in Ras Al Khaimah, UAE

### Virtual Session

Track: Early Career Researchers			Chair: Ms. Rubina Qureshi, Senior Instructor - Sociology, Abu Dhabi University
Paper ID	Time: 11:15 - 12:40   Venue: Broadway	Paper Title	
1	83	Inese Trusina (Latvia University of Life Sciences and Technologies); Elita Jermolajeva (Latvia University of Life Sciences and Technologies); Andra Zvirbule (Latvia University of Life Sciences and Technologies)	Some Examples Of Sustainability Evaluation In Developed And Developing Countries
2	343	Mutaz M A Osman (De Montfort University, Dubai)	Harnessing Psychological Science for A Sustainable Agenda: A Meta-Analysis Review of Opportunities & Applications.
3	319	Maha Almarzooqi (Zayed university); Asma Alwahedi (Zayed University); Sara Karam (Zayed University); Maha Abdulla Almarzooqi (Zayed University)	What young Emiratis believe needs to be done for environmental conservation?
4	87	Elena Jadach (William Penn Charter High School)	Improving Curbside Recycling in the United States by Outreach and Education to Gen Z
5	299	Estéfany Fiorella Ramos Muñoz (Escuela de Administración de Negocios para Graduados University); Naldi Susan Carrión Puelles (Escuela de Administración de Negocios para Graduados University)	Integrating Impact Indicators for Environmental Education in the Planning and Management of Protected Areas
6	233	Muammer Koc (Hamad Bin Khalifa University)Rima J. Isaifan (Hamad Bin Khalifa University/Qatar Foundation) Shouq AlQahtani (HBKU)	Mycelium-Based Thermal Insulation for Domestic Cooling Footprint Reduction
Track: Science and Engineering Sustainability			Chair: Prof Montasir Qasymeh , Professor of Electrical Engineering, Abu Dhabi University
Paper ID	Time: 11:15 - 12:40   Venue: Lexington	Paper Title	
1	199	Ioannis Zuburtikudis (Abu Dhabi University); Enas Nashef (Khalifa University); Aya Ghazal (Khalifa University of Science and Technology); Hadil Abu Khalifeh (Abu Dhabi University)	Boron Extraction from Aqueous Streams with the Aid of a Designed Deep Eutectic Solvent: Optimization through the Response Surface Methodology of Experimental Design
2	348	Sook Fun Wong (Temasek Polytechnic)	Asphalt Testing for Mixed Plastics Road Pavements
3	402	Shohratmyrat Shohrat Palivanov (S.A.Niyazov Turkmen Agricultural University)	The importance of producing artificial fibers from cotton lint in Turkmenistan
4	398	Noor Afiana Desyani (IPB University, Bogor); Arief Sabdo Yuwono (IPB University, Bogor); Heriansyah Putra (IPB University, Bogor), Ibnu Qayim (IPB University, Bogor); Rina Mardiana (IPB University, Bogor)	Applicability of Artificial Aggregate of Plastic Waste as Substitution Material in Concrete
5	196	Fotis Panagiotou(University of Patras); Ioannis Zuburtikudis (Abu Dhabi University); Hadil Abu Khalifeh (Abu Dhabi University); Valadoula Deimede (University of Patras); Enas Nashef(Khalifa University)	Water treatment through new asymmetric membranes based on pyridine containing aromatic polyether

### Virtual Session



		Track: Science and Engineering Sustainability	Chair: Prof Montasir Qasymeh , Professor of Electrical Engineering, Abu Dhabi University
Paper ID	Time: 11:15 - 12:40   Venue: Lexington	Paper Title	
6	383	Lech Balachowski (Gdansk University of Technology); Adrian Rozanski (Wrocław University of Science and Technology); Zahra Yazdi (Buein Zahra Technical University (Public University, Iran)); Hamed Niroumand (Buein Zahra Technical University)	The Impact of Groundwater Extraction on Land Subsidence in Iran: A Finite Difference Method Approach

## Special Sessions DAY 1 - Tuesday, 5 December 2023

Time: 12:40 - 13:00	Venue: Grand Ballroom	Speaker
<b>Education for Sustainable Development: What, Why and How</b>		<b>Dr. Kay Hack (PFHEA)</b> Lead Consultant Education, Advance HE

**Lunch Break: 13:00 - 14:00 | Venue: Mezzerie Restaurant**

## Panel Discussion DAY 1 - Tuesday, 5 December 2023

Time: 14:00 - 15:00

Venue: Grand Ballroom

Speakers

### Leaders of Sustainable futures: Lessons from industry Eco-Champions

**Moderators:**

**Dr. Hamad Odhabi**

Vice Chancellor for Administration and Financial Affairs,  
Abu Dhabi University

**Dr. Sarah Al-Hashimi**

Associate Director of Abu Dhabi University Development  
Office, Abu Dhabi University

**Speakers:**

**Mr. Niccolò Heilpern**

Region Vice President, MAIRE S.p.A.

**Mr. Achraf Ellili**

Chief Executive Officer, Flow Progressive Logistics

**Dr. Ansari Wahid**

Group Chief Executive Officer, Adeeb Group LLC, UAE

**Mr. Nathan Roestandy**

Co-Founder & CEO at Nafas

**Ms. Reef Al Khaja**

Marketing Director at Emirates Red Crescent

**Mr. Abdulla Bin Kalban**

Senior Manager - Process Control & Process Efficiency, EGA

**Farah Chakhachiro**

Cofounder and Vice President of Gracia Group

**Prof. Ghassan Aouad**

Chancellor, Abu Dhabi University

## Session B DAY 1 - Tuesday, 5 December 2023

Session B DAY 1 - Tuesday, 5 December 2023			
Track: Business Management Sustainability and Law			Chair: Dr. Nejla Ellili, Associate Professor of Finance, Abu Dhabi University
Paper ID	Time: 15:00 - 16:30	Venue: Metropolitan	Paper Title
1	122	Ekaterina Kolchanova (Higher School of Economics University)	Why do some organisations enter into partnerships to find sustainability solutions and others do not?
2	132	Nagwa Fawzy Abouhaiba (Nagwa Abouhaiba); Nourham Saber (Abu Dhabi University); haytham hammad (Abu Dhabi University / Helwan University)	The Role of Information Technology in Enhancing Legal Compliance for Sustainable Business Practices in UAE and beyond.
3	135	Yulia Aray(Petersburg State University); Ioannis Christodoulou (Petersburg State University)	Partnership of Large Corporations and Social Entrepreneurs for Fostering Sustainable Innovations
4	311	Efe Useh (North West University)	Communicating research outcomes in rural African communities for sustainable development: Legal or Moral duty?
5	109	Retnari D Mudiastuti (Hasanuddin University)	Workload Analysis for Determining the Optimal Workforce Size and Setting the Work Target
6	143	Laura L. Matherly (Zayed University); Balqees Naser Almessabi (Zayed University)	Knowledge Management as a Strategy for a Sustainable Competitive Advantage: A Causal Model of Knowledge Transfer and Performance in a National/Expatriate Model
Track: Science and Engineering Sustainability			Chair: Dr. Mohamed Elkaftangui, Associate Professor of Architecture, Abu Dhabi University
Paper ID	Time: 15:00 - 16:30	Venue: Astor	Paper Title
1	70	Alexander Wollenberg (Khalifa University); Aleksandr Myllari (St. George's University); Tatiana Myllari (St. George's University); Namwoon Kim (Khalifa University); Ameya Sathya Kakade (London School of Economics and Political Science)	The Renewable Energy Mix and Economic Growth: A Comparative Analysis Between the Gulf and Europe
2	80	Benonia Tinarwo (Teesside University); Farzad Pour Rahimian (Teesside University); Mina Najafi (Teesside University)	Sustainable policies and regulations in the built environment, a policy perspective
3	141	Vikas Arya (Rabat Business School)	Hi consumers, Let's Meet in Metaverse - A study To Explore Sustainable Business Approach in the Metaverse
4	104	Rim R Meziani (Abu Dhabi University); Asmaa Mohamed (Abu Dhabi University)	Approach to "Low to Net" Zero Carbon Mixed-Use Building in Abu Dhabi
5	113	Mohamed Elkaftangui (Abu Dhabi University)	Retrofitting Residential Building Envelopes to Achieve Energy Efficiency in Abu Dhabi
6	223	Hamed Niroumand (Buein Zahra Technical University)	A Comparative Study of Numerical and Experimental Methods for Rammed Earth Walls as a Green Wall

Virtual Session



## Session B DAY 1 - Tuesday, 5 December 2023

		Track: Sustainability and Education	Chair: Dr. Sharon Waller, Associate Professor of Education, Abu Dhabi University
Paper ID	Time: 15:00 - 16:30   Venue: Carnegie	Paper Title	
1	205	Silke Bustamante (Hochschule für Wirtschaft und Recht Berlin ); Martina Martinovic (Hochschule für Wirtschaft und Recht Berlin ); Kai Shaman (Hochschule für Wirtschaft und Recht Berlin )	Conceptualising the effectiveness of sustainability education
2	86	Christina Hellmich (Abu Dhabi University); Aditi Chatterjee (Abu Dhabi University)	Beyond Western Criticism: The benefits of the UAE's political neutrality and public diplomacy to facilitate dialogue at COP28
3	286	Ishara Maharaj (United Arab Emirates University)	Educating African youth: The advent of educational technology and the motivations of EdTech entrepreneurs
4	197	Sanjai Gupta (University of Technology & Applied Science-Nizwa)	Enhancing Online Education Assessment through Innovative Evaluation Methods using Augmented Reality
5	182	Francesca Vaccarelli (University of Teramo)	Greenwashing, greenhushing and greenfielding: exploring terminology linked to sustainable communication
		Track: Sustainability in Health, Food, and Social Science	Chair: Prof. Nauman Khalid, Professor of Nutrition, Abu Dhabi University
Paper ID	Time: 15:00 - 16:30   Venue: Liberty	Paper Title	
1	121	Nagwa Fawzy Abouhaiba (Abu Dhabi University); Dina Imad (Abu Dhabi University); Nisreen H Alwan (Abu Dhabi University)	An In-Depth Exploration of Genetically Modified Organisms (GMOs): Implications on Sustainability, Human Health, and Global Legal Frameworks
2	189	Sameh Fawzy Gad ElSonbaty (Liwa college); Ghada Aboelanin (october university); Kashef Alshaban (Liwa college); Fathi Awad (Liwa College); Henda Ahmad (Liwa college)	Studying the effect of estrogen receptors on obesity in adipose tissue of humans undergoing abdominoplasty and liposuction using light microscope and immunohistochemistry
3	240	Beatriz Acero (International University in Spain); Pieter Spaarwater (International University in Spain); Elena Revilla (International University in Spain)	Halal And Sustainability: An Integrative Approach Based on Dynamic Capabilities and Institutional Forces
4	137	Reem T. Attia (Future University in Egypt); Nermin Abdelwahab Eissa Abdelzaher (Abu Dhabi University)	From Crisis to Consciousness: COVID-19 Transformed Youths' Views to Sustainable Nutrition. Retrospective Study.
5	39	Magdalena Cismaru (University of Regina)	Eating Less Meat is Healthier for Humans and for the Environment

### Virtual Session

## Session B DAY 1 - Tuesday, 5 December 2023

		Track: Science and Engineering Sustainability	Chair: Prof Adel Khelifi, Professor of Computer Science and Information Technology, Abu Dhabi University
Paper ID	Time: 15:00 - 16:30   Venue: Lexington	Paper Title	
1	376	Niaz Wassan (Sultan Qaboos University)	Novel Methods for Green Transport Logistics Management Systems: Platooning and Alternative Fuel Vehicles
2	365	Muhammed Waris Khan (The British University in Dubai)	A Framework of Integrating Sustainability for the Success of UAE Sustainable Roads Infrastructure Projects
3	49	Suhaib Arogundade (Leeds Beckett University); Mohammed Dulaimi (Leeds Beckett University); Saheed Ajayi (Leeds Beckett University); Abdullahi Saka (Leeds Beckett University); Olusegun Ilori (Birmingham City University); Joyce Mdananebari Obuso Lewis (San Jose State University)	Geospatial and temporal analysis of studies on construction projects' decarbonisation drivers
4	290	Hatem Abushammala (Abu Dhabi University)	Novel Bio-based Electrically Conductive Nanoparticles Towards Biodegradable Electronics
5	131	Abdul Majid Khan (Institute of Zoology, University of the Punjab, Lahore); Muhammad Imran (Institute of Zoology, University of the Punjab, Lahore); Rana Manzoor Ahmad (Government College University, Lahore)	Trophic Niche Overlap among Native and Alien fish species: A Challenge for the Aquatic Ecosystems
6	333	Yuvan Dass (University of the West Indies)	Energizing the Caribbean: The Future of Sustainable and Renewable Energy in Trinidad and Tobago

### Virtual Session

## Session B DAY 1 - Tuesday, 5 December 2023

		Track: Science and Engineering Sustainability	Chair : Prof Montasir Qasymeh , Professor of Electrical Engineering, Abu Dhabi University
Paper ID	Time: 15:00 - 16:30   Venue: Broadway	Paper Title	
1	274	Ali K. Abdallah (American University of Science and Technology); Rawnaq Alsultani (Islamic University of Lebanon)	Electronic Document: Enhance Security and Safety Assurance
2	277	Somaya Albadry (Ain Shams University); Yasser Mansour (Ain Shams University); Ashraf Nessim (Ain Shams University)	Impact of Building Automation Control Systems on Energy Efficiency of Office Spaces
3	318	Amged Elhassan (United Arab Emirates University)	Integrity Assessment of Sustainable 3D Printed Components
4	57	Namita Das (City University Ajman); Geetha Kannan (Bits Pilani Dubai)	Value added products: A review on plastic upscaling for a circular and sustainable economy
5	127	Nouman Khalique (Institute of Zoology, University of the Punjab, Lahore); Ambreen Ilyas (University of the Punjab); Abdul Majid Khan (Institute of Zoology, University of the Punjab, Lahore)	Major Health Effects and Analysis of Toxicities by their Risk Assessment in Some Macro elements and Trace elements in Freshwater Fish Species
6	334	Fatima Aljaberi (United Arab Emirates University)	Reject Brine Sustainability Management and Potential Applications

**Coffee Break 16:30 - 17:00**

## Session C DAY 1 - Tuesday, 5 December 2023

		Track: Business Management Sustainability and Law	Chair: Prof. Charilaos Mertzanis, Professor of Finance, Abu Dhabi University
Paper ID	Time: 17:00 - 18:30   Venue: Metropolitan	Paper Title	
1	147	Sachin B Deshmukh (Dr. Vishwanath Karad MIT World Peace University ); Anil Sharma (Parul University )	Opinion mining of Indian customers towards two-wheeler electric vehicles using sentiment analysis
2	149	Enas mohammed alqodsi (United Arab Emirates University); Iyad Jadalhaq (University of Sharjah); Mohammed ElMaknouzi (University of Sharjah)	Embarking on a Sustainable Voyage: UAE's Legal Framework for Climate Change Mitigation and Adaptation Towards a Low-Carbon Future
3	352	Cecilia Marchesi (Bocconi University)	Do managerial incentives increase the likelihood of unfavorable ESG news?
4	175	Rajiv Kumar (Indian Institute of Management Kashipur)	Examining Solar Photovoltaic Adoption and Trade-off: Qualitative Study and Conjoint Analysis Approach
5	403	Nyayu Khodijah ( UIN Raden Fatah Palembang ); Ledis Heru Putro ( Universitas Islam Negeri Raden Fatah Palembang ); Risan Rusli ( UIN Raden Fatah Palembang ); Syahril Jamil ( UIN Raden Fatah Palembang ); Ria Agustina ( UIN raden Fatah Palembang ); Siti Soleha ( UIN Raden Fatah Palembang )	Implementation of SDGs on Water Resources and Climate Action: Sustainable Water and Wastewater Management Based on Swampland Adaptation at UIN Raden Fatah Palembang
		Track: Science and Engineering Sustainability	Chair: Prof. Ioannis Zuburtikudis, Professor of Chemical Engineering, Abu Dhabi University
Paper ID	Time: 17:00 - 18:30   Venue: Astor	Paper Title	
1	123	Mohammed Mazen Hariri (Damascus University)	Circular processes assessment by using new tool of NCCPCT
2	165	Vaishnavi V Dabir (Symbiosis Institute of Technology); Anjana Desai (Symbiosis Institute of Technology); Kanchan Khare (Pimpri Chinchwad College Of Engineering)	Sustainability analysis of coir geotextile for potential armour for seawall
3	251	Osama A Mohamed (Abu Dhabi University); Haya A Zuaier (Abu Dhabi University)	Resistance of Sustainable Concrete with Alkali-Activated Industrial Byproduct Binders to Acid Attack: A focused Review
4	323	Manish Kewalramani (Abu Dhabi University); Osama A Mohamed (Abu Dhabi University); Syed Kalleem Saleem (Abu Dhabi University); Sven Ivak (Abu Dhabi University)	Potential benefits of biochar in building construction and its impact on concrete-composite characteristics
5	222	Hamed Niroumand (Buein Zahra Technical University)	The Impact of Green Buildings and Internal Patios on Energy Consumption in a School Building: A Computer Simulation Model



## Session C DAY 1 - Tuesday, 5 December 2023

		Track: Sustainability and Education	Chair: Dr. Mohammad Fteiha, Associate Professor of Special Education, Abu Dhabi University
Paper ID	Time: 17:00 - 18:30   Venue: Carnegie	Paper Title	
1	291	Rubina Amin Qureshi (Abu Dhabi University)	Social Sustainability: Role of Higher Education System Preparing Youth to Embrace and Practice Pluralism
2	3	Mohammed M. Al-kasasbeh (Police Science Academy)	The impact of e-learning on students' performance: The mediating role of sustainable education at Police Science Academy in Sharjah
3	139	Luisa F. Manrique Molina (Pontificia Universidad Javeriana)	Integrating Generative AI in Marketing Higher Education: An Educational Intervention
4	228	Glenn L Koonce (Regent University)	Sustainability in Educational Leadership Preparation Program Assessments for National Accreditation and Continuous Improvement
5	237	Mariam M. Makramalla (New Giza University)	Design of Sustainable Transportation: A hands-on interdisciplinary pedagogical approach for community engaged learning
		Track: Sustainability in Health, Food, and Social Science	Chair: Dr. Nisreen Hassan Alwan, Associate Professor of Environmental Health and Safety, Abu Dhabi University
Paper ID	Time: 17:00 - 18:30   Venue: Liberty	Paper Title	
1	249	Bishnu Ragoonath (The University of the West Indies)	Resisting the Push and Pull of Sustainability: Cultural and Policy Inconsistencies in Trinidad and Tobago
2	366	Seham Al Raish (United Arab Emirates University)	The Effects of Incorporating Machine-Processed Waste from Fruits and Vegetables as Fertiliser on the Growth of Cherry Belle Radish in the United Arab Emirates
3	179	Ebrahim Karan (Sam Houston State University); Mojtaba Maghrebi (Ferdowsi University of Mashhad); Alan Sanchez (Sam Houston State University)	Towards a Holistic Assessment Framework for Sustainable Household-Level Food-Energy-Water Systems
4	296	Lydia Papadaki (Athena Research Center)	Black Sea blue transitions: Multi-Actor Forums to promote a Sustainable Blue Economy
5	324	Liji Samuel (Department of Law, Central University of Kerala)	Understanding the Interstate Disparity in Regulating the Cost of the Private Healthcare Sector in India in the Light of Sustainable Developmental Goals

### Virtual Session

## Session C DAY 1 - Tuesday, 5 December 2023

		Track: Business Management Sustainability and Law	Chair: Dr Anas Rawhi Najdawi, Associate Professor of Digital Business, Abu Dhabi University
Paper ID	Time: 17:00 - 18:30   Venue: Broadway		Paper Title
1	56	David J Smith (Palm Beach Atlantic University)	Sustainability through Blockchain: A Classification of International Adoption Patterns
2	250	Nilofar Varzgani (La Salle University)	Evaluating Consumer Sentiments Towards Sustainable Business Practices Using Yelp Data
3	397	Obidjon Khamidov (Bukhara State University)	Ecotourism in Post-Pandemic Conditions: Development Trends, Problems and Solutions
4	246	Elkafi Hassini (McMaster University)	Sustainable Supply Chains
5	287	Yusnita Yusof (Universiti Sultan Zainal Abidin); Noor Aina Amirah (Universiti Sultan Zainal Abidin); Yusnita Yusof (Universiti Malaysia Terengganu); Yahaya Ibrahim (Universiti Kebangsaan Malaysia); Wan Mohamad Asyraf Wan Afthanorhan (Universiti Sultan Zainal Abidin); and Syed Raziq Kamal Syed Nasir (Universiti Sultan Zainal Abidin)	Island insights: Unravelling key factors shaping environmental sustainability in Malaysian communities
		Track: Science and Engineering Sustainability	Chair: Dr. Mohamed Elkaftangui, Associate Professor of Architecture, Abu Dhabi University
Paper ID	Time: 17:00 - 18:30   Venue: Lexington		Paper Title
1	279	Chrysoula Chitou (University of Ioannina); Indra Overland (Norwegian Institute of International Affairs); Stella Tsani (National and Kapodistrian University of Athens)	Local content policies review and future directions in view of the sustainability and energy transition
2	404	Bellanti Elizandri (Universitas Indonesia); Farha Asrofani (Universitas Indonesia); Hayati Sari Hasibuan (Universitas Indonesia)	The Commuter's Preference on Mixed-use Building Inside Transit Oriented Development Area, Case Study in Jakarta Metropolitan Area, Indonesia
3	340	Fatemeh Baheaddin (United Arab Emirates University); Salem Al Zahmi (United Arab Emirates University); Ameera Mohammed (United Arab Emirates University)	Utilizing Carbon Fiber Waste in Brine Desalination and CO2 Capture through Thermal and Chemical Activation Process.
4	150	Manish Kewalramani (Abu Dhabi University); Manoj Wankhede (Visvesvaraya National Institute of Technology); Anil Sawhney (Royal Institute of Chartered Surveyors (RICS)); Rahul Ralegaonkar (Visvesvaraya National Institute of Technology); Bhagyashri A Lanjewar (Visvesvaraya National Institute of Technology)	A Step towards decarbonization of building Sector

## Session C DAY 1 - Tuesday, 5 December 2023

		Track: Science and Engineering Sustainability	Chair: Dr. Mohamed Elkaftangui, Associate Professor of Architecture, Abu Dhabi University
	Paper ID	Time: 17:00 - 18:30   Venue: Lexington	Paper Title
5	162	Francesca Abastante (Politecnico di Torino)	Combining a problem structuring method and a multicriteria analysis to design a new neighborhood Sustainable Assessment Tool

## The Announcement of UI GreenMetric World University Rankings Results and Awards 2023

15:00 - 18:00	<p><b>Speakers:</b></p> <p><b>H.E. Husin Bagis,</b> Ambassador of the Republic of Indonesia to the United Arab Emirates</p> <p><b>Prof. Dr. Ir. Riri Fitri Sari MM. MSc.,</b> Chairperson of UI GreenMetric</p> <p><b>Prof. Waldemar Siwinski,</b> President of IREG Observatory and Academic Ranking and Excellence</p> <p><b>Dr. Junaidi, S.S., M.A.,</b> Vice-Chair of UI GreenMetric</p> <p><b>Prof. Ghassan Aouad,</b> Chancellor of Abu Dhabi University</p>	Grand Ballroom
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 Virtual Session

## DAY 2 - Wednesday, 6 December 2023

TIMINGS	EVENT	VENUE
8:30 - 10:00	Registration and Welcome coffee	Pre Fuctional Area
10:00 - 11:00	<p><b>Inaugural Session</b></p> <ul style="list-style-type: none"> <li> <b>Opening Notes</b> (10:00 - 10:05)  <b>Prof. Ghassan Fouad Aouad</b>,            Conference Advisor - Chancellor of Abu Dhabi University         </li> <li> <b>Keynote Speech</b> (10:05 - 10:20)  <b>Prof. Mahmoud Abdel-Aty</b>,            President of Natural Sciences Publishing USA President of Arab Impact Factor,            Vice-President of the African Mathematical Union Dean of Research and Graduate            Studies at Ahlia University in the Kingdom of Bahrain         </li> <li> <b>Keynote Speech</b> (10:20 - 10:35)  <b>Dr. Kay Hack (PFHEA)</b>            Lead Consultant (Education), Advance HE Led, in collaboration with the UK Quality            Assurance Agency, the revision of sector guidance on Education for Sustainable            Development         </li> <li> <b>Keynote Speech</b> (10:35 - 10:50)  <b>Dr. Aishah Al Yammahi</b>,            Board Advisor for Alef Education, a leading EdTech company in the UAE         </li> <li> <b>Announcement of the Abu Dhabi University Research Institute for            Sustainable Futures</b> (10:50 - 11:00)  <b>Prof. Ghassan Fouad Aouad</b>,            Chancellor of Abu Dhabi University  <b>Prof. Montasir Qasymeh</b>,            Associate Provost for Research and Academic Development, Abu Dhabi University         </li> </ul>	Grand Ballroom



## Session D DAY 2 - Wednesday, 6 December 2023

		Track: Business Management Sustainability and Law	Chair: Prof. Hossam Abu Elanain, Professor of Management, Abu Dhabi University
Paper ID	Time: 11:00 - 12:30   Venue: Astor	Paper Title	
1	206	Anna Alexander (University of Padova); Siva Nathan (Georgia State University); Sunita Rao (Washburn University); Giulia Redigolo (ESADE University)	Do you Still Need to be Reassured? Sustainability Reporting Assurance and Social Media Accountability
2	252	Seung-Chul Kim (Hanyang University); So-Hyun Park (Konkuk University); Taewon Lee (Dongguk University); Hee Kyung Kim (Hanyang University)	Development of a Process Management Model for Smart City Projects: Case of Korean Smart Cities
3	170	Hassan Younis (German Jordanian University)	Towards Sustainable Supply Chain Management: A Critical Review and Analysis of Key Literature
4	243	Judita Peterlin (School of economics and business University of Ljubljana); Vlado Dimovski (School of economics and business University of Ljubljana); Sandra Penger (School of economics and business University of Ljubljana); Simon Colnar (School of economics and business University of Ljubljana); Vasja Roblek (Independent); Maja Meško (Faculty of Organizational Sciences University of Maribor); Anamarija Kejžar (Faculty of social work University of Ljubljana); Bojan Blažica (Institut "Jožef Stefan"); Mitja Luštrek (Jožef Stefan Institute)	Advances in the Science, Technology, and Innovation of the Senior Wellness Management: Systemic Organizational Perspective
5	241	Anis Bachtá (Liwa College of Technology)	For an overcoming of the conflict of research paradigms in management sciences: mobilization of the case method for the substantiation of a new sustainability construct baptized IODD
		Track: Science and Engineering Sustainability	Chair: Prof. Evan Paleologos, Professor of Engineering and Project Management, Abu Dhabi University
Paper ID	Time: 11:00 - 12:30   Venue: Metropolitan	Paper Title	
1	253	Amit Swamy (Liwa College)	Prospects of ML in ensuring sustainability for detecting faults in oil and gas applications
2	258	Anamika V Mishra (Abu Dhabi University)	Scenario Analysis for Integrating Micro-Mobility
3	261	Ayesha Iqbal (Institute of Zoology, University of the Punjab, Lahore); Abdul Majid Khan (Institute of zoology, University of the Punjab, Lahore); Rana Manzoor Ahmad (Government College University, Lahore)	The Systematic Studies of the Pliocene (Tatrot Formation) Proboscideans of the Siwalik Subgroup of Pakistan
4	163	Evan Paleologos (Abu Dhabi University)	The New Minerals Landscape for Clean Energy

### Virtual Session

## Session D DAY 2 - Wednesday, 6 December 2023

Track: Science and Engineering Sustainability			Chair: Prof. Evan Paleologos, Professor of Engineering and Project Management, Abu Dhabi University
Paper ID	Time: 11:00 - 12:30   Venue: Metropolitan	Paper Title	
5	379	Lech Balachowski (Gdansk University of Technology); Fatemeh Mahdavi (Tehran University of Art); Mohsen Rahmani (Buein Zahra Technical University (Public University, Iran)); Hamed Niroumand (Buein Zahra Technical University)	The Performance of Helical Anchor as a Green Anchor in Cohesionless Soils
6	270	Farhan A Rashid (University of Canberra)	A Low-Cost Prototype I-V and P-V Curve Tracer for PV Modules
Track: Sustainability and Education			Chair: Dr. Constantine Andoniou, Associate Professor of Education, Abu Dhabi University
Paper ID	Time: 11:00 - 12:30   Venue: Carnegie	Paper Title	
1	309	Maryam Alkumzari (The British University in Dubai) ; Farzana A Mir (The British University in Dubai)	Sustaining Innovation Performance in Service organizations: The role of total quality management practices and strategic alignment
2	320	Charilaos Mertzanis (Abu Dhabi University); Reem Alsuwaidi (Abu Dhabi University)	Financial literacy and FinTech market growth around the world
3	30	Ahmad Qablan (United Arab Emirates University); Nesreen Nofal (United Arab Emirates University); TebaFaiadh (United Arab Emirates University); Hind Alhashmi (United Arab Emirates University); Fakhara Alderei (United Arab Emirates University); AL Yaziya AL Shamsi (United Arab Emirates University)	Analysis of UAE Cycle 1 Science Curriculum and Textbooks in Terms of Sustainable Development Goals
4	293	Mary George varghese (Abu Dhabi University); Smitha s Dev (Abu Dhabi University); Shibu Viswanathan Rajamonyammal (Abu Dhabi University); Fida AbdulHafiz (Abu Dhabi University)	Promoting Mental Health through Sustainable Green Micro-Spaces: A Case Study of UAE Schools
5	285	Raihan Taqui Syed (United Arab Emirates University); Dharmendra Singh (Modern College of Business and Science)	Higher Education Institutions and Organizational Change: Past, Present, and Future Research Directions

## Session D DAY 2 - Wednesday, 6 December 2023

		Track: Business Management Sustainability and Law	Chair: Prof. Fauzia Jabeen, Professor of Management, Abu Dhabi University
Paper ID	Time: 11:00 - 12:30   Venue: Broadway		Paper Title
1	46	Charilaos Mertzanis (Abu Dhabi University); Hazem Marshdeh (Abu Dhabi University); Osama F. Atayah (Abu Dhabi University); Ilias Kampouris (Abu Dhabi University)	Digital transformation and green bond market growth
2	420	Sarah Yaseen Al Sakkaf (Abu Dhabi University); Sherine Farouk (Abu Dhabi University); Hossam M. Abu Elanain (Abu Dhabi University)	Corporate social responsibility towards education and corporation performance in the UAE: the mediating role of corporation reputation
3	421	Fatmah Mohammed Al Yammahi (Abu Dhabi University); Kawthar Ahmad AlBraiki (Abu Dhabi University); Moza Tahnoon Al Nahyan (Abu Dhabi University); Fauzia Jabeen (Abu Dhabi University); Sherine Farouk (Abu Dhabi University)	Servant leadership and knowledge sharing: A moderated mediation model of achievement organization citizenship behavior and task complexity
4	53	Tracey Taylor (Charthouse Consulting)	Assessing Pathways for Indigenous People to Share in the Benefits of Development: A case study of Māori Post-settlement Governance Entities in New Zealand
5	288	Yusnita Yusof (Universiti Sultan Zainal Abidin); Yahaya Ibrahim (Universiti Kebangsaan Malaysia); Yusnita Yusof (Universiti Malaysia Terengganu); Noor Aina Amirah (Universiti Sultan Zainal Abidin); Syed Raziq Kamal Syed Nasir (Universiti Sultan Zainal Abidin)	Enhancing environmental sustainability in Malaysian Island Tourism: A study of tourist behaviour and eco-friendly practices
		Track: Sustainability and Green IT Innovation	Chair: Dr. Shehzad Ashraf, Associate Professor in Cyber Security Engineering, Abu Dhabi University
Paper ID	Time: 11:00 - 12:30   Venue: Liberty		Paper Title
1	102	Shaista Tarannum (JSS Academy Of Technical Education); Usha SM (JSS Academy Of Technical Education); Ali Hammed (Visvesvaraya Technological University (VTU)); Moeen Fathima (Vidyashram Mysuru)	Empowering Sustainable Development: Integrating AI, ML, and LoRaIoT for Enhanced LoRaWAN Performance and SDG Achievement
2	351	Adel Khelifi (Abu Dhabi University); Moatsum Khalif Alawida (Abu Dhabi University)	AI-Based System for Detecting and Preventing Oversharing on Social Media
3	359	Rasha Hasan (Liwa College)	Green virtual networks for timely hybrid synchrony networks
4	370	Devid Jegerson (Abu Dhabi University)	Deciphering the role of cryptocurrencies in global remittances: A comprehensive literature review
5	93	Nahil Kazoun (University of Nicosia); Angelika Kokkinaki (University of Nicosia); Charbel Chedrawi (Saint Joseph University)	AI Chatbots for sustainability in education: the case of the Lebanese higher education sector

MOUs Signing Ceremonies		
Time: 11:30 - 5:00		Venue
11:30 - 12:00	<p><b>Abu Dhabi University and McMaster University Canada</b></p> <p><b>Prof. Ghassan Aouad</b>, ADU Chancellor,  <b>Dr. Bonny Ibhawoh</b>, Vice Provost, International Affairs,  <b>Dr. Khaled Hassanein</b>, Dean DeGroote School of Business,  <b>Dr. Elkafi Hassini</b>, Associate Dean, Research - DeGroote School of Business,  <b>Meaghan Middleton</b>, Director, Development Office - DeGroote School of Business</p>	Madison
12:00 - 12:30	<p><b>Abu Dhabi University and Sao Paulo University</b></p> <p><b>Prof. Ghassan Aouad</b>, ADU Chancellor,  <b>Rafael Solimeo</b>, Head Of The International Office Of The Arab Brazilian Chamber Of Commerce In Dubai  <b>Ambassador Osmar Chohfi</b>, President of the Arab Brazilian Chamber of Commerce,  <b>Mrs. Fernanda Baltazar</b>, Director of Institutional Relations of the Arab Brazilian Chamber of Commerce,  <b>Prof. Patrícia Iglecias</b>, Professor and Head of Environment at the University of São Paulo (USP)  <b>Prof. Rosa Ramos</b>, President of Environmental Council of São Paulo State Bars Association (OAB-SP)  <b>Prof. Julio Romano Meneghini</b>, Professor at USP and Scientific Director of the Research Center for Innovation in Greenhouse Gases (RCGI)</p>	
4:00 - 4:30	<p><b>Abu Dhabi University and MAIRE S.p.A</b></p> <p><b>Mr. Lorenzo Fanara</b>, H.E. the Ambassador of the Republic of Italy in UAE,  <b>Prof. Ghassan Aouad</b>, ADU Chancellor, and  <b>Mr. Niccolò Heilpern</b>, Region Vice President of MAIRE S.p.A.</p>	
4:30 - 5:00	<p><b>Abu Dhabi University and University of Technology Sydney</b></p> <p><b>Prof. Ghassan Aouad</b>, ADU Chancellor, and  <b>Prof. Chris Turney</b>, Pro-Vice-Chancellor (Research)  <b>Prof. Martin Loosemore</b>, Faculty of Design, Architecture &amp; Building  <b>Dr. Suhair Alkilani</b>, Senior Lecturer, Construction Management, School of Built Environment</p>	



## Special Session DAY 2 - Wednesday, 6 December 2023

Time: 12:30 - 13:00	Venue: Grand Ballroom	Speaker
<b>The Need for Accelerating Transformative Change in Cities and Communities: The Crucial Role Plaid by Universities</b>		<p><b>Prof. Patrizia Lombardi,</b> President of the Italian Network of Universities for Sustainable Development and Vice-Rector for Sustainable Campus and communities and Sustainable at Politecnico di Torino</p>

**Lunch Break: 13:00 - 14:00 | Venue: Mezzerie Restaurant**

## Panel Discussion DAY 2 - Wednesday, 6 December 2023

Time: 14:00 - 15:00	Venue: Grand Ballroom	Speakers
<b>The Role of ESG Metrics in Accounting and Finance; Measuring Impact Beyond Profit</b>		<p><b>Moderator:</b> <b>Prof. Nejla Ellili,</b> Professor of Finance, Abu Dhabi University</p> <p><b>Speakers:</b> <b>Ms. Gwen van Berne, CMA,</b> Global Board of Directors Chairman, IMA(USA),</p> <p><b>Ms. Stella Ping LU, FCCA, CMA, MBA,</b> Sustainability Business Management Committee - Global Board Director, IMA(USA)</p> <p><b>Prof. Charilaos Mertzanis</b> Professor of Finance, Abu Dhabi University</p> <p><b>Mr. Nabil Shaukat Butt</b> Chief Financial Officer, Asayel Investment Group</p> <p><b>Prof. Patrícia Iglecias</b> Professor and Head of Environment at the University of São Paulo (USP)</p> <p><b>Dr. Ehab Shalaby</b> Chairman &amp; CEO of DCarbon Egypt, Chairman &amp; CEO of DCarbon Global, UAE</p>

**Coffee Break 15:00 - 16:00**


## Session E DAY 2 - Wednesday, 6 December 2023

Track: Business Management Sustainability and Law			Chair: Dr. Sven Dahms, Associate Professor of Management, Abu Dhabi University
Paper ID	Time: 15:00 - 16:30   Venue: Astor	Paper Title	
1	295	Venkataraman S (IIM Kozhikode); Anandakuttan B Unnithan (IIM Kozhikode)	Do CSR Regulations Help or Hinder Strategic Approaches to the CSR agenda?
2	332	Ola Al Sayed (New Giza University)	Financing Sustainable Development Goals (SDGs): The Role of FinTech in Closing Financing Gap
3	216	Suhair Zaid Alkilani (University of Technology Sydney- Faculty of Design, Architecture and Building); Martin Loosemore (University of Technology Sydney- Faculty of Design, Architecture and Building)	Using social procurement in construction and infrastructure development to achieve the Sustainable Development Goals: Lessons from Australia
4	297	Mariem Aloulou (Liwa College)	The impact of the introduction of CBDC on net zero emission target: A SWOT analysis considering current situation, challenges, and prospects
5	337	Siti Yasmina Zubaedah (Center for Innovation Excellence); Avanti Fontana (Universitas Indonesia); Alexander Tifaona (PT Lembata Hira Sejahtera); Posma S. J. Kennedy (Universitas Kristen Indonesia)	Examining Innovation Agility: A Review of the Bio-Based Business Models
Track: Science and Engineering Sustainability			Chair: Prof. Mohammad Alkhedher, Professor of Mechanical Engineering, Abu Dhabi University
Paper ID	Time: 15:00 - 16:30   Venue: Metropolitan	Paper Title	
1	315	Dalia Hanafy (Al-Azhar University); Sahar Abdelwahab Abdalrahman (De Montfort University); Rania Labib (Prairie View A&M University); Zakaria Eldars (Al-Azhar University); Mohammed Mayhoub (Al-Azhar University)	Non-visual effects of lighting characteristics on workers in industrial workplaces
2	350	Selma A Hussein (Prince Sultan University)	Towards Sustainable Tannery: Advanced Recycling and Reuse of Tannery Wastes
3	303	Noura J AlMazrouei (United Arab Emirates University)	Investigating Recycling of Fused Filament Fabrication Leftovers as a Sustainable Solution
4	314	Belal Neazi (Politecnico di Torino); Sara Torabi Moghadam (Politecnico di Torino); Patrizia Lombardi (Politecnico di Torino)	Nature-based solutions: An analysis of approaches and case studies from the countries in the East and the West
5	294	Nurul Nadiyah Abdul Halim (Universiti Teknologi MARA); S.Sarifah Shariff (Universiti Teknologi MARA (UiTM)); Siti Meriam Zahari (Universiti Teknologi MARA (UiTM)); Ilyas Masudin (Univ Muhammadiyah, Malang)	Comparison of algorithms for A Single Machine Production Scheduling

### Virtual Session

## Session E DAY 2 - Wednesday, 6 December 2023

		Track: Science and Engineering Sustainability	Chair: Prof Adel Khelifi, Professor of Computer Science and Information Technology, Abu Dhabi University
Paper ID	Time: 15:00 - 16:30   Venue: Carnegie	Paper Title	
1	157	Jones Nyame Aboagye (Kwame Nkrumah University of Science and Technology); Ernest Kissi (Kwame Nkrumah University of Science and Technology); Evans Kwesi Mireku (Kwame Nkrumah University of Science and Technology); Edward Badu (Kwame Nkrumah University of Science and Technology); Theophilus Adjei-Kumi (Kwame Nkrumah University of Science and Technology)	Sustainability Competencies for Project Managers within the Road Construction Sector
2	180	Mndawe, Thabi (University of the Witwatersrand); Saghatforoush, Ehsan (University of the Witwatersrand)	Identification of Existing Challenges to the Sustainable Construction of Road Infrastructure Projects
3	193	Amoudai, Omar (Oxford Brookes University); Shaikh, Saad U (Oxford Brookes University)	Synergising Lean thinking and Circular Economy practices: A pathway to enhancing sustainability goals in the construction industry
4	300	Vasila N Al Khaldi (Zayed University)	Enhancing the Sustainability and Durability of Sulfur Concrete with Biomass-Derived Activated Carbon
5	378	Lech Balachowski (Gdansk University of Technology); Amir Hossein Shahkalei (Buein Zahra Technical University (Public University, Iran)); Hamed Niroumand (Buein Zahra Technical University)	Artificial Intelligence for Land Subsidence Management: A Review of Applications, and Challenges
6	181	Dilip John Thomas (Oxford Brookes University); Omar Amoudi (Oxford Brookes University)	Barriers and drivers associated with the adoption of circular economy in Kuwait's construction industry
		Track: Business Mangement and Social Science	Chair: Prof. Fauzia Jabeen, Professor of Management, Abu Dhabi University
Paper ID	Time: 15:00 - 16:30   Venue: Liberty	Paper Title	
1	354	Sami Miniaoui (University of Dubai ); Kamarul Faizal Bin Hashim (University of Dubai); Nasser Al Muraqab (University of Dubai); Shadi Atallah (University of Dubai)	Sustainability in practice: The University of Dubai case
2	339	Irem Oğuz (Istanbul Technical University)	Relationship Between Social Sustainability and Place Attachment: The Case Study of Istanbul, Turkey
3	82	Nicole T Kishkin (American University in Bulgaria); Carter Mandrik (American University in Bulgaria)	Exploring the factors underlying the gender gap in the consumption of sustainable products in Bulgaria: How do we engage male consumers in sustainable consumption?
4	72	Anuja Patil (MIT World Peace University); Mangesh Bedekar (Professor, School of Computer Engineering and Technology, MIT World Peace University); Milind Pande (Pro-Vice Chancellor, MIT World Peace University , Kothrud, Pune, Bharat)	Sustainable Lifestyles: Unveiling Human Behavior and Cultural Perspectives

 Virtual Session

## Session E DAY 2 - Wednesday, 6 December 2023

		Track: Business Mangement and Social Science	Chair: Prof. Fauzia Jabeen, Professor of Management, Abu Dhabi University
Paper ID	Time: 15:00 - 16:30   Venue: Liberty	Paper Title	
5	259	Doğa Aksu (Istanbul Technical University); Melih Akgün (Istanbul Technical University); Ufuk Cebeci (Istanbul Technical University); Nedim Kebabcı (Hudop Technology Inc.)	An Intelligent Decision Support System for Sustainable Energy Management
		Track: Sustainability in Health, Food, and Social Science	Chair: Dr. Nermin Eissa, Assistant Professor of Biomedical Sciences, Abu Dhabi University
Paper ID	Time: 15:00 - 16:30   Venue: Broadway	Paper Title	
1	24	Louridi Nabaouia (Mohammed V University); Douzi Samira (Mohammed V University); El Ouahidi Bouabid (Mohammed V University)	Explainable machine learning based detection of cardiovascular risk factors
2	129	Anum Obaid (Riphah International University); Hassan Ali (Implenia Norway AS); Urba Shahid (The University of Faisalabad); Zoshia Zainab (Riphah International University, Faisalabad Campus )	Working Pressure Effects, The Physical and Mental Health of Employees In Pakistan: A Qualitative Analysis
3	184	Subhasree Ray (Reliance Industries Limited); Shoba Suri (Observer Research Foundation)	Scope of a Millet-Based Food System in Reducing Metabolic Syndrome and Carbon Footprint in the UAE: A Policy Perspective
4	381	Alain Osta (University of Nicosia); Angelika Kokkinaki (University of Nicosia); Charbel Chedrawi (University of Nicosia)	Collaborative Planning of AI chatbots in Online Health Communities: sociomateriality and sustainability perspectives
5	158	Abdul Rani Usman (Baitul Mal Aceh)	Empowering Underprivileged Women Through Zakat

**Coffee Break 16:30 - 17:00**



## Session F DAY 2 - Wednesday, 6 December 2023

		Track: Business Management Sustainability and Law	Chair: Dr. Christina Koutra, Associate Professor of Management, Abu Dhabi University
Paper ID	Time: 17:00 - 18:30   Venue: Astor	Paper Title	
1	64	Binayak Malla (Kathmandu University School of Management); Malgorzata Kuczara (University of Warsaw); Sabin Bikram Panta (Kathmandu University School of Management); Thakur Devkota (Climate change Expert)	Climate Change Nexus with Mountain Route Tourism- A case of Nepali tourism businesses
2	172	Georgia Aimilia C. Voulgari (National and Kapodistrian University)	Corporate Social Responsibility in the context of international investment law and ISDS: a possible strategic tool for achieving sustainable development?
3	330	Maryam Kamal (Sapienza University of Rome); Ioannis Chatzigiannakis (Sapienza University of Rome)	Sustainable Touristic Experiences: A Digital Perspective and Implications Using Machine Learning
4	198	Chattopadhyay, Nilanjan (Bennett University)	Understanding Why People Do (or Don't) Buy EVs in India
5	35	Lekshmi Mohan (Amritha VishwavidyaPeetam); Anusree PS (Amrita Vishwavidyapeetam)	Project Team Member's Emotional Intelligence and Project Success in the Construction Industry: A Review of research and Future Research Agenda
		Track: Science and Engineering Sustainability	Chair: Dr. Mohamed ElAmrousi, Associate Professor of Architecture, Abu Dhabi University
Paper ID	Time: 17:00 - 18:30   Venue: Metropolitan	Paper Title	
1	174	Dalia O Hafiz (Ajman University)	Revolutionizing Architectural Education through Transformative Learning
2	242	Wael Sheta (The British university in Dubai); Khaloud Almezeini (The British university in Dubai)	Evaluating Indoor Air Quality in Different Sized Enterprises: A Case Study from UAE
3	185	Farhana Ahsan (Dhaka University of Engineering and Technology); Md A R Joarder (Bangladesh University of Engineering and Technology (BUET))	Adjustable Light Shelf for Present and Future Classrooms : A Change need to Sustain Daylight Design for Effective Learning Environment
4	283	Fida I Abdulhafiz (Abu Dhabi University)	Enhancing mental well-being in hot arid climates: The role of biophilic design integrating nature-Inspired Design for Tranquility in the UAE's Environments
5	264	Farah I Shoukry (The American University in Cairo); Sherif Goubran (The American University in Cairo); Khaled Tarabieh (The American University in Cairo)	Comparative Analysis of Carbon Footprints in Higher Education Institutions: What Can We Learn about Three University Campuses in Cairo, Beirut, and Cape Town?

### Virtual Session

## Session F DAY 2 - Wednesday, 6 December 2023

		Track: Science and Engineering Sustainability	Chair: Dr. Rim Meziani, Associate Professor of Architecture, Abu Dhabi University
Paper ID	Time: 17:00 - 18:30   Venue: Carnegie		Paper Title
1	34	Hassan Ali Abas (University of Prince Mugrin); Omar Dakhil (University of Prince Mugrin); Isameldin Yousif (University of Prince Mugrin)	Opportunities of Implementing Sustainable Urban Transport in Medina-Saudi Arabia
2	44	John M Kamara (Newcastle University)	An Integrated Model of and for the Built Environment
3	232	Pai Jen-Te Pai (National Chengchi University); Chen Chien-Hung (National Chengchi University); Lin Cheng-Hsuan (National Chengchi University)	Promoting Sustainable Development through Transit-Oriented Approach: Taipei City's TOD 3.0 Indicators and Urban Renewal Policies
4	367	Adela Kuliga (University of Applied Sciences BFI Vienna)	The Future of Cities – Impact of Digitalization and Smart City Concepts on Urban Sustainability
5	60	Omer Mughieda (Abu Dhabi University) ; Abdoullah Namdar ( Iran University of Science and Technology ); Falak Azhar (Abu Dhabi University)	Impact of Preexisting Fracture Length on the Sandstone Seismic Response
		Track: Science and Engineering Sustainability	Chair: Prof. Evan Paleologos, Professor of Engineering and Project Management, Abu Dhabi University
Paper ID	Time: 17:00 - 18:30   Venue: Broadway		Paper Title
1	306	Bara' Fteiha (Abu Dhabi University); Mohamed Lakas (Abu Dhabi University); Marwan Lakas (Abu Dhabi University); Maha Yaghi (Abu Dhabi University); Huma Zia (Abu Dhabi University)	IoT-Enhanced Recycling: Smart Solutions for Sustainable Plastic Waste Management
2	384	Mahmoud M. Elgendi (United Arab Emirates University)	Designing a solar still system based on customer requirements using AHP
3	191	Mahmoud Omar Abuhatab (Abu Dhabi University); Bilal Alrefaie (Abu Dhabi University); Sharul Sham Dol (Abu Dhabi University)	Characteristics of flow through a bladeless wind turbine with delta vortex generators
4	37	Sharul Sham Dol (Abu Dhabi University)	Vortex Bladeless Wind Turbines for Airport Runway Energy Generation: Conceptual and Economic Feasibility Studies
5	380	Lech Balachowski (Gdansk University of Technology); Hamed Niroumand (Buein Zahra Technical University)	Green building with 3D printed earth materials: current issues and future prospects of 3D printed green houses for the construction sector

## Session F DAY 2 - Wednesday, 6 December 2023

		Track: Sustainability and Education	Chair: Dr. Mohammad Fteiha, Associate Professor of Special Education, Abu Dhabi University
Paper ID	Time: 17:00 - 18:30   Venue: Liberty		Paper Title
1	92	Tanvi Paras Kothari (Shri Jairambhai Patel Institute of Business Management and Computer Applications)	Teaching style of Management Teachers: Mediating role of Attitude towards Sustainable Education
2	328	Eva C Manotas R (Universidad Nacional de Colombia)	A Methodological Proposal To Develop A Knowledge Management With Sustainability Assessment In An Engineering Faculty
3	202	Mohammad G Ali (Indian Institute of Technology Kharagpur)	An Integrated System for Contribution Assessment through Higher Education for the UN Sustainable Development Goals
4	400	Zafar Abdullaev (Bukhara State University); Feruz Yuldashev (Bukhara State University); Ziyodulla Nurov (Bukhara State University)	Empowering Tomorrow: Sustainable Education Initiatives at Bukhara State University, Uzbekistan
5	363	Michael Fynn Hammond (University of Mines and Technology)	Education for Sustainable Development: The Role of Quintuple Helix Model of Innovation in Higher Education Institutions in Ghana
6	347	Gerasimos Kontos (Abu Dhabi University)	Flight Training in an Electrical Aircraft. Challenges and Opportunities for Sustainable Training
		Track: Sustainability in Health, Food, and Social Science	Chair: Dr. Hatem Abushammala, Associate Professor of Environmental Health and Safety, Abu Dhabi University
Paper ID	Time: 17:00 - 18:30   Venue: Lexington		Paper Title
1	22	Dhanushki Perera (CQU); Ziyad Abunada (CQU); Rahaf Ajaj (Abu Dhabi University); Ahmed AlQabany (World bank)	Integrated Coupled Human and Natural system complexity management for Climate Change Adaptation
2	58	Sarah Alkhatib (Khalifa University); Deema Islayem (Khalifa University); Runyararo Nyadzayo (Khalifa University); Sagar Arya (Khalifa University); Sharamke Mohamed (Khalifa university); Ahmed Yousef (khalifa University); Anna-Maria Pappa (Khalifa University); Hector Hernandez (Tulif Holdings )	Unveiling degradation abilities of aromatic hydrocarbons in indigenous bacterial strains isolated from the UAE
3	289	Noor Aina Amirah (Universiti Sultan Zainal Abidin ); Wan Noor Izzati(Universiti Sultan Zainal Abidin); Muhammad Takiyuddin bin Abdul Ghani (Universiti Sultan Zainal Abidin); Yusnita Yusof (Universiti Sultan Zainal Abidin); Asyraf Afthanorhan (Universiti Sultan Zainal Abidin), Fazida Karim (Universiti Sultan Zainal Abidin)	Identifying Psychosocial Risk Factors in Improving Mental Well-being among Educators in Malaysia through Focus Group Discussion (FGD)
4	101	Rifat Al Mamun Rudro (American International University-Bangladesh); MD. Faruk Abdullah Al Sohan (American International University-Bangladesh); Rubina Islam Reya (American International University-Bangladesh); Afroza Nahar (American International University-Bangladesh)	Enhancing Elderly Healthcare Access in Smart Cities: A Pathway to Inclusive Wellbeing

## Adam Smith 300 Year Celebration, University of Glasgow & Abu Dhabi University College of Business Event

Time	Venue
17:30 - 19:00	Grand Ballroom

### Closing Ceremony

19:00 - 19:30	<ul style="list-style-type: none"> <li>• <b>Closing Remarks</b> (19:00 - 19:05) <b>Prof. Ghassan Aouad</b>, Conference Advisor - Chancellor of Abu Dhabi University</li> <li>• <b>Best Paper Award Announcements</b> (19:05 - 19:15) <b>Prof Salam Abdallah</b>, Conference Co Chair - Professor of MIS, Abu Dhabi University <i>Science and Engineering Sustainability - MAIRE S.p.A., ITALY</i> <i>Business Management Sustainability and Law - Greenpeace MENA</i> <i>Sustainability and Green IT Innovation - Emirates Global Aluminium (EGA)</i> <i>Sustainability and Education - Advance HE</i> <i>Sustainability in Health, Food, and Social Science</i></li> <li>• <b>Appreciation Ceremony</b> (19:15 - 19:25) <ul style="list-style-type: none"> <li>• COP28 Panel Members</li> <li>• Conference Organizing Committee</li> </ul> <b>Prof. Sherine Farouk</b>, Conference Chair - Associate Provost of Academic Projects, Abu Dhabi University</li> <li>• <b>Group Photo</b> (19:25 - 19:30)</li> </ul>	Grand Ballroom
<b>19:30 - 21:30</b>	<b>Gala Dinner   Venue: Helipad Lawn Garden</b>	



# ICASF 2023

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## ENQUIRIES

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