

**Ajman 4th International Environment Conference on
"Smart Cities and Green Innovation"**

دائرة البلدية والتخطيط

Municipality & Planning Department

حكومة عجمان

Government Of Ajman

Biographies

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AJMAN INTERNATIONAL ENVIRONMENT CONFERENCE

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KS01: Local Practices as Best Practices: Heritage in Development in Ajman, the United Arab Emirates, the Middle East and Beyond

Joseph Hobbs*

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Joe Hobbs is a professor of Geography at the University of Missouri. He is primarily a geographer of the Middle East, with a research specialization on the pastoral nomads of the region's deserts. He is also interested in traditional environmental knowledge worldwide. His most recent fieldwork has focused on traditional uses of Acacia trees in Egypt's Eastern Desert. His books include *Bedouin Life in the Egyptian Wilderness*, *Mount Sinai*, *The Birds of Egypt*, and *Fundamentals of World Regional Geography*. He has done work for the Emirates Foundation and the United Arab Emirates University.

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KS02: Green Infrastructure: Assessment of Tree Damage to Urban Structures

Miklas Scholz*

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Professor Scholz, candling, BEng (equiv), PgC, MSc, PhD, CWEM, CEnv, CSci, CEng, FHEA, FIEMA, FCIWEM, FICE, Fellow of IWA holds the Chair in Civil Engineering at The University of Salford. He is the Head of the Civil Engineering Research Group. Prof. Scholz has shown individual excellence evidenced by world-leading publications, postgraduate supervision and research impact. His main research areas in terms of publication output are as follow: integrated constructed wet-lands, sustainable flood retention basins, permeable pavement systems, decision support systems, ponds and capillary suction time. He has published four books and 181 journal articles. Prof. Scholz's full journal article publications in recent years are as follows: 2009 (13), 2010 (19), 2011 (13), 2012 (21), 2013 (17), 2014 (15) and 2015 (17). Prof. Scholz has total citations of more than 3033 (above 2289 citations since 2011), resulting in an h-index of 28 and an i10-Index of 69. Prof. Scholz is Editor-in-Chief of the Web of Science-listed journal *Water* (impact factors for 2012, 2013 and 2014: 0.973, 1.291 and 1.428). Prof. Scholz is an Editor, Sub-editor and Editorial Board member (no double counting) of 17, 6 and 40 journals, respectively.

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KS03: Seeking a Sea Change Conceptualizing Urban Water Supply Systems

Bryan Karney*

Associate Dean and Chair, Division of Environmental Engineering & Energy Systems, University of Toronto, Canada

Since 2006, Professor Bryan Karney has served as Chair, Division of Environmental Engineering and Energy Systems. In 2009, Professor Karney became Associate Dean, Cross-Disciplinary Programs, providing leadership to the Cross-Disciplinary Programs Office. In 2012 his appointment was extended to June 30, 2015. He is a professor in the Environmental Section of the Department of Civil Engineering.

Professor Karney's research interests reside in the design, analysis, operation and optimization of various water resource and energy systems. He specializes in the design and analysis of water distribution systems, with interests in infrastructure renewal, transient and water hammer analysis and system optimization. Professor Karney also studies the implication of climate change to system design and performance, and particularly energy use. He has written or co-written several hundred journal papers and articles. Dr. Karney and his students received the American Water Works Association's (AWWA) award for the Best Engineering and Construction Publication Article for 2008, the Steven's award for best discussion in the Journal of Hydraulic Engineering in 2014 and Best Paper award at the 2014 American Society for Mechanical Engineering conference on Pipelines in Calgary.

Dr. Karney's book Comprehensive Water Distribution Systems Analysis Handbooks for Engineers and Planners was published in 2006. Current Affairs: Perspectives on Electricity Policy for Ontario (2010), co-edited by Karney, Doug

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Reeve and Donald Dewees, was a finalist for the Speaker Book Prize in Ontario 2013.

KS04: Urban Design towards Smart Low-Carbon Precincts

Steffen Lehmann*

Sustainable Architecture, Founding Director, s_Lab (Sydney-Berlin) The University of Portsmouth, UK

Professor Lehmann, Dr (TU Berlin), AA Dipl (London), is a German-Australian urbanist, senior university leader and since 1993 registered as a chartered architect and urban designer in Berlin.

Steffen is a Research Professor in the Faculty of Creative and Cultural Industries at the University of Portsmouth (UK). Prior to this, he has been a full professor for 13 years at high-ranking universities in Australia, holding senior leadership positions ranging from Research Director to Head of School and Head of Discipline. For most of his academic career, Steffen was a tenured Chair Professor of Sustainable Design at the University of South Australia, where he was Founding Director of the Centre for Sustainable Design & Behaviour, and Founding Director of the China-Australia Centre for Sustainable Urban Development.

Prior to becoming a full-time academic, he ran for over ten years his successful architectural practice Steffen Lehmann Architekten Berlin (s_Lab) in Berlin, where he was instrumental in the design of the 'New Berlin'.

Steffen is an internationally renowned thought leader in the field of sustainable urban development principles, exploring our complex relationships with nature and place. Most of his own research projects are planning/design/architecture nexus based, concerned with the integration of low-carbon/low-impact technologies in design and the social/behavioural and urban context. His most recent book is:

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'Low Carbon Cities. Trans-forming Urban Systems'
(Routledge, 2015)

BP406: Effect of Various Shading Methods on Cucumber (*Cucumis sativus* L.) Growth and Yield Production

Taleb R. Abu-Zahra*

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Prof. Abu-Zahra is the Head of Department of plant production and protection at the Faculty of Agricultural Technology, Al-Balqa Applied University in Jordan.

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BP443: Death of the Human Embryo from Electromagnetic Radiation

Ovsyannikov VA*

Ioffe Physico-Technical Institute, Russia

Education in 1959, profession –experimental nuclear physics, Leading Scientist.

Work: in medical physics, creation of laser methods of treatment of patients with oncology, infections and endocrinology diseases by means of laser therapy methods.

Rewarded with Chizhevskiy gold medal (highest reward of RAMTS)

Proposed: 1. Quantum-genetic theory of carcinogenesis (Energy model of carcinogenesis.)

2. New direction in Ecology – Electromagnetic ecology.

3. Explaining the reason of miscarriage – the death of human embryo in worm.

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BP448: Consequences of Environmental Pollution on Agricultural Productivity in the Developing Countries; A Case of Nigeria

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Lecturer 2, Department of Agricultural Extension, School Of Agriculture and Agricultural Technology, FUTO, Nigeria. Married to Elder Godson-Ibeji Iheanyichi(JP) with Four Children (Three Girls and a boy).

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BP464: The "Green Curtain" as an Educational Project for Spreading Sustainability Awareness

Ikko Tucker*

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Dr. Ikko Tucker has been serving as Assistant Professor, and founding Co-Chair of the Department of Interdisciplinary Studies, Zayed University, UAE. She received a PhD in Agronomy from Pennsylvania State University (with a specialization in Turfgrass Science), and received post-doctoral training in Cell Biology at Vanderbilt University. Prior to joining Zayed University, she worked at Texas A&M University, and Vanderbilt University. Her recent research is focused on areas critical to the GCC region: community sustainability; and environmentally-oriented pedagogical approaches.

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BP468: Risk of Environmental Performance Decrease after Revocation of Financial Accounting Standard No. 32 for Forestry Accounting In Indonesia

Lindrianasari Amsir Saidi*

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Lindrianasari is a member of staff in the accounting department faculty of economics and business University of Lampung. She was completed master and doctoral degree at the University of Gadjah Mada in Indonesia in accounting science. She also several times following the sandwich program at the Australia National University (funding by ADB and Indonesia Government) to strengthen research methodology capability under the supervision of Greg Shailer (2005) and Mark Wilson (2011). Her publications have been performed at the Management Research Review, Journal of Global Business Advancement, Indonesian Journal of Accounting Research, Journal of Indonesian Economic and Business, and Corporate Ownership & Control Journal, Journal of Economics, Business and Accountancy/ VENTURA (JEBAV), Issues in Social and Environmental Accounting (ISEA), and (in-press) International Journal of Monetary, Economic and Financial.

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BP473: Energy Intensive Water Management to Achieve Zero Carbon Footprint – A Case Study in Semi-Arid Region, India

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An Architect Educationist based in new Delhi, India with a background in Green Building certification, Energy Simulations, Daylight Modeling & Water Resource Modeling. Teaching across areas of Sustainable Architecture Design, Building Services & Renewable Energy Integration. Have an extensive experience in green building design and energy efficiency since 2008 with LEED Certified Projects, including the American Embassy School in India, as the first LEED certified Green School in whole of Asia. Apart from her working with simulation models & Documentation for LEED Projects, she has also prepared “Eco3Design Project Guide” as a resource for “LEED & Sustainable Design Guidelines” for Green oriented projects. Currently her areas of research focus on Integration of Renewable Energy & issues pertaining to Water sustainability.

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BP555: Investigative Studies on Environmental Disclosure and the Costs of R&D as a Compliance with Government Policy on Corporate Social Responsibility in Indonesia

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Lindrianasari is a member of staff in the accounting department faculty of economics and business University of Lampung. She was completed master and doctoral degree at the University of Gadjah Mada in Indonesia in accounting science. She also several times following the sandwich program at the Australia National University (funding by ADB and Indonesia Government) to strengthen research methodology capability under the supervision of Greg Shailer (2005) and Mark Wilson (2011). Her publications have been performed at the Management Research Review, Journal of Global Business Advancement, Indonesian Journal of Accounting Research, Journal of Indonesian Economic and Business, and Corporate Ownership & Control Journal, Journal of Economics, Business and Accountancy/ VENTURA (JEBAV), Issues in Social and Environmental Accounting (ISEA), and (in-press) International Journal of Monetary, Economic and Financial.

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BP561: Resource Efficiency and Innovation in Public Transport: Implementing Inclusive Green Growth in the Himalayas

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Secretary to the Government of Himachal Pradesh, Shimla, 171002, H.P. India

Dr. Batta is a senior civil servant engaged in policy making for the past over 30 years. He has a doctorate in environmental economics and a number of publications in the areas of economics of climate change and economics of green growth.

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BP568: Towards Safer UAE Roads: A Micro-Level Approach

Benish Chaudhry*

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Dr. Benish Chaudhry has been teaching in the UAE for the past four years. She has been managing the Middle East group of a UK based NGO called “Grow Movement”... She is passionate about making greater changes through smaller steps. She holds a PhD in Management Sciences and has been researching on factors involved in migration of people across the world. Currently she is doing her Post-Doctorate in Transportation Economics from Hasselt University, Belgium. Prior to this, she has worked with the U.N. in attracting foreign qualified Pakistanis back to home country. Born and raised in Saudi Arabia, Benish has a keen interest in the culture and business practices in the UAE and Middle East. She enjoys travelling, reading and extreme sports. A mother of two beautiful kids, her life circles around her family, her career and friends.

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BP584: Environmental Management Activity towards Financial Performance in Indonesian Mining Companies

Farah Dina*

Economic and Business Faculty, Lampung University, Indonesia

Farah Dina is a student of accounting major in economic and business faculty of Lampung University. She is still working on her thesis to finish her study. Her topic thesis was related to environmental issues in Indonesian mining company. The thesis was to determine the influence of environmental activity based Statement of Financial Accounting Standards (PSAK 33) Accounting for Mining towards the financial performance of Indonesian mining companies.

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BP625: Innovative Schemes and Partnerships to Leverage Investment in SPS Systems

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Maria Strigunova is finishing her Master studies in Sciences Po Paris, one of the “Grandes Ecoles” in France, specializing in the International Development and Project Management. In the past she has been working on policy and advocacy of the World Bank funded projects where she represented interests of civil society in Central Asia and Eastern Europe in the round of multilateral negotiations of targeted investments in the region. She has also successfully completed a traineeship with the World Trade Organization in the Agriculture and Commodity Division. Her main focus of work was set at the food safety issues and capacity building programs needed to address those issues in the developing world. Her research interests are in the field of international trade, social and environmental justice, finance for development and future urban agenda.

Maria is originally from Belarus and she holds her undergraduate degree from the LCC International University in Lithuania.

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BP626: Delivering Sustainability Values through Green Information Technology, Media Literacy in the Public Arena

Jabbar Al-Obaidi*

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Professor Jabbar Al-Obaidi received his Ph.D. in Communication from the University of Michigan, Ann Arbor, a master degree in Art Education from Hartford University, and bachelor degree in drama and theater from Baghdad University. Currently, Professor Al-Obaidi serves as the Director of the Center for Middle East Studies at Bridgewater State University (BSU). In addition to his extensive teaching and administrative experiences in the US, he taught in Iraq, Jordan, Yemen, United Arab Emirates and China. Professor Al-Obaidi's administrative contribution, scholarly work, and teaching cover curriculum and programs, management and leadership, assessment, pedagogy, online learning communities, instructional technology, intercultural communication, and media in the Middle East. He also produces and hosts a television program and documentary films. He organized and participated in numerous workshops and training sessions in the area of professional development, curriculum assessment, and institutional strategic development. Dr. Al-Obaidi initiated and facilitated the implementation of academic international partnership, with many universities in the Middle East. He led study abroad programs, undergraduate research, and internship in various countries.

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BP628: Sustainability is Pure Profit – Hotel Point of View

Iftikhar Hamdani*

Cluster General Manager Ramada Hotel & Suites Ajman and Ramada Beach Hotel Ajman, UAE

Iftikhar Hamdani carries 21 years hospitality experience in different hospitality brands in different positions, currently he is working as Cluster General Manager to lead two hotels, Ramada Hotel & Suites Ajman and Ramada Beach Hotel Ajman, additionally he is engaged with his hotel group expansion and working as VP Development and Acquisition - R Hotels. Iftikhar Hamdani is MBA - Marketing from College of Business Administration & graduated from Hailey College of Commerce Lahore, Pakistan. He is fully engaged from 2011 on environment and charity initiatives, he has a mission to create awareness among his hospitality colleagues to do more on environment and charity within their routine life and daily operations of their hotel job. With the leadership and hard work in spearheading the various charity projects, green initiatives and empowerment of team, Iftikhar Hamdani was recognized as the “Brand Ambassador of Wyndham Hotel Group in year 2012” which signifies Wyndham Hotel Group’s appreciation of all the efforts he did for the environment and society. In line with his commitment to sustain the environment was the launching of various ground-breaking initiatives such as “Zero Landfill Project” and “Urban Farm”. Iftikhar has also been recognized as a “Highly Commended CSR Champion of the Year 2013” by the Hotelier Middle East. Additionally, he has been honoured as “National Award” on April 2014 by the Pakistan Association

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Dubai (PAD) because of his good deeds towards creating better image of Pakistan. The award was given to the key figures from the Pakistan community who truly made noteworthy contribution, influence and progress in the UAE. He has been recognized in the Hospitality Excellence Award as “CSR Champion of the Year 2015” by the Hozpitality.com on November 23, 2015.

GI324: Solar Panel and Renewable Energy in Mexico Development and Outlook for Photovoltaic

José G Vargas-hernández*

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Dr. Vargas-hernández is a research professor at University Center for Economic and Managerial sciences, University of Guadalajara, Mexico

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GI343: Adoption of Green Practices in Industrial Buildings: An Action Research on Capacity Building of Stakeholders towards Green Factories

Gagan Preet Kaur*

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Gagan Preet Kaur, is currently pursuing PhD. in the Department of Resource Management and Design Application, Lady Irwin College, University of Delhi in the field of Environment Management. She has done post-graduation from the same department, with the specialization in Environment Management and Sustainable Development and was awarded University Gold medal. She has worked as Assistant Professor in University of Delhi for over two years and has taught subject pertaining to climate change, technologies for sustainable development, research methods and so on. She has presented papers in various National and International conferences and her papers have been published in several journals and books. Her research interests lie in energy efficiency, green built environment and capacity building for sustainable development.

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GI344: Drone Applications for Environmental Monitoring in Urban Spaces

David James Gallacher*

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Dr. Gallacher uses micro-UAV (drone) mounted cameras to improve knowledge and management of rangelands in the Middle East. He is a member of the Interdisciplinary Studies unit of Zayed University and a founder of the Center for Smart Monitoring of the Environment.

David graduated with 1st class Honors from the University of Melbourne for his BS Bachelor of Agricultural Science, and then undertook a PhD in Plant Genetics at James Cook University of North Queensland. He enjoys natural science, technology and travel. He's one of the few people in the world who can call themselves a drone ecologist, has visited 53 countries and worked in the UAE since 2002.

In his own words its "hard to see the dreamer through all the quantitative stuff that gets in the way

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GI410: SMEs and Sustainable Tourism - The Case of an Indian Himalayan Destination

Ravinder Nath Batta*

Government of Himachal Pradesh, India

Dr. Batta is a senior civil servant engaged in policy making for the past over 30 years. He has a doctorate in environmental economics and a number of publications in the areas of economics of climate change and economics of green growth.

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GI421: Effect of New Ellipse Design on the Performance Enhancement of PV/T Collector: CDF Approach

Kamaruzzaman Bin Sopian*

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Professor Dr Kamaruzzaman Bin Sopian obtained his BS in Mechanical Engineering from the University of Wisconsin-Madison, MSc in Energy Resources from the University of Pittsburgh and PhD in Mechanical Engineering from the University of Miami-Coral Gables. Presently, he is the Director of the Solar Energy Research Institute, Universiti Kebangsaan Malaysia (National University of Malaysia). His research interest is in advanced solar photovoltaic systems (grid-connected photovoltaic, solar powered regenerative fuel cell, solar hydrogen production, thin film silicon solar cell) and advanced solar thermal systems (solar cooling, solar heat pump, solar drying, combined photovoltaic thermal or hybrid collector).

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GI472: Understanding the Role of Green Infrastructure (GI) in Tackling Climate Change in today's World

D.J Idiata*

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Mr. Idiata is a lecturer at Department of Civil Engineering, Edo State Polytechnic, Usen, Nigeria. Currently he is an MSc student at the Department of Civil and Environmental Engineering, University of Surrey, UK

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GI475: Rural Electrification through Solar Energy: Insights from Chattisgarh State of India

Meenal Jain*

Department of Resource Management and Design Application, Lady Irwin College, University of Delhi, Sikandra Road, New Delhi, India

Meenal Jain, Senior Research Fellow, Department of Resource Management and Design Application, Lady Irwin College, University of Delhi, has done post-graduation from the same department, with specialization in Environment Management and Sustainable Development. The focus of her research lies in the area of sustainable development, with emphasis on renewable energy and green built environment. As part of her Doctoral Research, she has been working in the area of Solar Energy Policies in several states of India, exploring the issues faced by beneficiaries and the implementing agencies in the entire process of implementing the policies. In the past, she has worked in the research lab, School of Planning, Design and Construction, Michigan State University, USA for collaborative researches. She has also worked as Assistant Professor in Lady Irwin College, University of Delhi, taking papers on Environment and Sustainable Development at both Under-graduate and Post-graduate levels. She has to her credit, number of publications, including three papers in international peer reviewed journals and several papers have been presented in conferences of Nationals and

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International stature. In addition, she has authored and edited several books for school and college curriculum and continues her passion towards writing and research.

GI612: Examining the Lagos Green Initiative: A Case Study of Kosofe Local Government

Anjolajesu Ayinde*

Department of Public Health, Babcock University, Nigeria

Anjola Ayinde is a recent graduate of Babcock University, where he earned his B.Sc. in Public Health. He is a highly motivated young professional with a passion for leadership and currently working as a health educator in a Primary Health Center in Nigeria

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GI620: Use of Wetlands in Sharjah, UAE – Possibilities and Challenges

Mahsa Hashemi*

Department of Civil Engineering, American University of Sharjah, Sharjah, PO Box 26666, UAE

Ms Mahsa Hashemi is a civil engineering student at the American University of Sharjah, Sharjah, UAE. She is minor-ing in environmental and water engineering and expects to graduate this year. The presentation is based on a literature search to look into the possibility of using wetlands in Shar-jah to treat industrial wastewater or leachate from landfills.

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GI627: The Urgent Necessity to Redouble Renewable Energy Output

Ali Sayigh*

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Professor Ali Sayigh, British Citizen, Graduated from London University, & Imperial College, B.SC. DIC, Ph.D., AWP, CEng in 1966. Fellow of the Institute of Energy, and Fellow of the Institution of Engineering and Technology (previously called IEE), Chartered Engineer, Chairman of Iraq Energy Institute.

Prof Sayigh taught at Baghdad University, College of Engineering, King Saud University, College of Engineering, Saudi Arabia, full time and also Kuwait University as part time professor. Also Head of Energy Department at Kuwait Institute for Scientific Research (KISR) and Expert in renewable energy at AOPEC.

He started working in solar energy since September 1969. In 1984 he established with Pergamon Press his first International Journal for Solar and Wind Technology as an Editor-in-Chief. In 1990 up to present, Editor-in-Chief of Renewable Energy Journal incorporating Solar & Wind Technology, published by Elsevier Science Ltd, Oxford, UK. He is also the Editor-in-chief of comprehensive renewable energy, 8-volumes with 154 contributors.

He is Founder and Chairman of the ARAB Section of ISES since 1979, was chairman of UK Solar Energy Society for 3-

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years and consultants to many national and international organizations, among them UNESCO, ISESCO, UNDP, ESCWA, & UNIDO.

Since 1977, Prof Sayigh founded and directed several Renewable Energy Conferences and Workshops in ICTP - Trieste, Italy, Canada, Colombia, Algeria, Kuwait, Bahrain, Malaysia, Zambia, Malawi, India, West Indies, Tunisia, Indonesia, Libya, Taiwan, UAE, Oman, Czech Republic, West Indies, Bahrain, Germany, Australia, Poland, Netherlands, Thailand, Oman, Korea, Iran, Syria, Saudi Arabia, Singapore, USA and UK.

In 1990, he established the World Renewable Energy Congress and in 1992 the Network (WREN) which have their Congresses every two years, attracting more than 100 countries each time. In 2000 he and others in UAE, Sharjah founded Arab Science and Technology Foundation (ASTF). He is Chairman of Iraq Energy Institute.

He edited, contributed, and written more than 33 books and more than 600-papers in various international journals and Conferences Winner of PROSE award in 2012 for the best book entitled Comprehensive Renewable Energy, which involved 154 contributors from 80 countries. My recent book came September 2013, Sustainability, Energy and Architecture published by Elsevier.

LW263: Shrimp Fry (meen) Farmers of Sundarban Mangrove Forest (India): A Tale of Ecological Damage and Economic Hardship

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LW294: Stabilization/Solidification (S/S) Technique: A Review of Its Advantages and Applications in Saudi Arabia

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LW308: Introduction of Knowledge of Waste Separation in Developing Countries

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LW326: Poultry Production and the Environmental Health

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LW438: Comparison of Irrigation Qualities of Septic Tank Effluents Reclaimed Using Aerobic- Versus Anaerobic-Based Treatment Systems

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LW449: Efficient Extraction of Radioactive Isotopes of Cobalt, Europium, Cerium, Strontium and Copper from Aqueous Solutions

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Academician Professor, D.Sc., Ph.D. University lecturer in Engineering and Materials Science for almost 25 years and a professional scholar with several fellowships, a monograph and books. Honorary Research Fellow of the Royal Society, Professor Honorary of the Swiss Montreux Business School. Published more than 180 scientific reports. Inventor with three patents. Took part in 82 international conferences with presentations and chair of 4 sections.

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LW549: Natural Heritage as a Structure for Urban Regeneration: Case of El Harrach River

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Architect, graduated at Polytechnic national school of architecture and urbanism of Algiers. She followed post-graduation research in the same school at City, architecture and heritage Lab. She participated in different international ateliers, colloquia and workshops about heritage and urban works. She is also a teacher at Architecture Department of Algiers University.

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LW558: Dimensions of Spatial Change in an Egyptian Village

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LW619: Assessment of Mixing Potential of Sewage Sludge, Green Waste and Food Waste for Co-Composting in Sharjah, UAE

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Dr. Md Maruf Mortula is an Associate Professor in the Department of Civil Engineering at the American University of Sharjah (AUS), Sharjah, UAE. He earned his PhD and MASc degrees at the Dalhousie University, Halifax, Canada. Dr. Mortula worked at the National Research Council of Canada prior to joining AUS. His research interests are water and wastewater treatment, waste residual management within water utilities, organic waste management and water quality management in the water distribution system and in the coastal areas.

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SC340: Development and Validation of ICT for Building Capacities towards Renewable Energy and Energy Efficiency: A Step towards Smart Cities through Sustainable Resource Use

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Gagan Preet Kaur, is currently pursuing PhD. in the Department of Resource Management and Design Application, Lady Irwin College, University of Delhi in the field of Environment Management. She has done post-graduation from the same department, with the specialization in Environment Management and Sustainable Development and was awarded University Gold medal. She has worked as Assistant Professor in University of Delhi for over two years and has taught subject pertaining to climate change, technologies for sustainable development, research methods and so on. She has presented papers in various National and International conferences and her papers have been published in several journals and books. Her research interests lie in energy efficiency, green built environment and capacity building for sustainable development.

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SC379: Urban-Scale Material Flow Analysis: Malaysian Cities Case Study

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SC397: Smart Cities and Sustainability: An Approach for Managing Resources through Smart Systems

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SC414: The Role of Energy in Buildings in Smart Cities

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SC439: Planning for a Smart City with a Human Face in Developing India

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SC471: Sustainable Development and Right to Water - An International Perspective

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SC474: Water Resource Management for Sustainable Development of Smart Cities along Foothills of Himalayas – Dehradun A Case Study

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SC482: Towards the 2nd 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 Coastal City

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SC547: Advancing Smartness of Traditional Settlements- Case Analysis of Indian and Arab Old Cities

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Currently, Ms. Dhingra is pursuing her PhD from Department of Architecture and Regional Planning, IIT Kharagpur in India focusing on traditional Indian cities to understand how sustainable and smart the old settlements in India are. She is a research scholar at IIT Kharagpur since 2015 and received her Masters of City Planning degree from the Indian Institute of Technology in Kharagpur in the year 2014. She was also a DAAD research scholar at the research unit 'Urban Housing and Development' of the 'Institute Entwerfen von Stadt und Landschaft (ISEL)' at the Karlsruhe Institute of Technology (KIT), Germany in 2013. She has two years of professional experience in the field and has worked as a Research Associate at advanced research institute, Integrated Research and Action for Development (IRADe) in New Delhi for a year on Climate Change and Sustainable Development in India and across the world. Recently, her interview on Challenges on Sustainability got published on DAAD alumni web portal.

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SC557: Optimal Air Quality Monitoring Network for Green Cities

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SC587: Smart Cities – A Successful Implementation of Smart Sewerage Infrastructure in Ajman, UAE

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Christophe works as General Manager at Ajman Sewerage Company (ASPCL). He holds a Master's Degree in Civil Engineering from the Belgian University of Louvain, and a MBA from the Vlerick Business School. Prior to Ajman Sewerage Company, Christophe successively worked in the Finance and Civil Engineering sectors, and also launched and sold his company specialized in international auctions and brokerage of industrial machinery.

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SC642: Unlocking the Potential of Shared Mobility: The Role in Environmental Protection and Impact on the Urban Transportation System

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Maria Strigunova is finishing her Master studies in Sciences Po Paris, one of the “Grandes Ecoles” in France, specializing in the International Development and Project Management. In the past she has been working on policy and advocacy of the World Bank funded projects where she represented interests of civil society in Central Asia and Eastern Europe in the round of multilateral negotiations of targeted investments in the region. She has also successfully completed a traineeship with the World Trade Organization in the Agriculture and Commodity Division. Her main focus of work was set at the food safety issues and capacity building programs needed to address those issues in the developing world. Her research interests are in the field of international trade, social and environmental justice, finance for development and future urban agenda.

Maria is originally from Belarus and she holds her undergraduate degree from the LCC International University in Lithuania.

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