



جامعة المملكة
Kingdom
University

تمكين
Tamkeen

WREC Conference Program

Tuesday 14 January 2025:

HALL- D

09:30 – 10:30		OPENING CEREMONY
10:30 – 11:00		Coffee Break
HALL - D		
11:00 – 12:20		PLENARY – 1, Chair: Prof. Hussain Khadhem Alwaeli – Sohar Oman University
Done	11:00 – 11:20	Photovoltaic Application will be a reality globally by 2030 Prof Ali Sayigh Chairman of WREC & Director General WREN, Brighton, UK
Done	11:20 – 11:40	A Global Renewable Energy Target – Gamechanger for the Global Transformation towards Renewable Energy? Mr. Rainer Hinrichs-Rahlwes Vice-President, European Renewable Energies Federation (EREF), Board Member, German Renewable Energy Federation (BEE), Berlin, GERMANY
Done	11:40 – 12:00	Challenges Facing Renewable Energy Potential in The GCC Countries Due to Future Climate Change. Waheeb E. Alnaser ¹ , Naser W. Alnaser ² , Ali Sayigh ³ and Hussein A. Kazem ⁴ ¹ Centre of Environmental and Biological Studies, Arabian Gulf University, Bahrain. ² Department of Architecture and Interior Design, University of Bahrain, Bahrain. ³ WREC - WREN, Brighton, England, UK. ⁴ Electrical and Computer Engineering, Sohar University, Oman.
Done	12:00 – 12:20	Sources of error in the testing and evaluation of photovoltaic/thermal (PVT) systems Dr. Ali H.A. Al-Waeli, Assistant Professor in AUIS, PhD in Renewable Energy
12:20 – 13:30		Lunch Break
HALL - D		
13:30 – 15:30		PLENARY – 2, Chair: Prof Anastasia Zabaniotou
Done	14:00 – 14:30	Net-Zero Buildings: Opportunities and Challenges for Future Sustainable Development Derya Oktay ¹ ¹ Faculty of Architecture and Design, Maltepe University Istanbul, TURKEY ² School of Architecture, pratt Institute, Brooklyn, New York, USA
Done	14:30 – 15:00	Financing of Energy Assets – Schemes and Stakes Racha WYLDE
Done	15:00 – 15:30	The effect of dust composition on the efficiency of photovoltaic module and determining the optimal cleaning methods in the Sultanate of Oman. Hussein A. Kazem ¹ , *, Miqdam T. Chaichan ² , Waheeb E. Alnaser ³ , Lawrence Kazmerski ⁴ ¹ Faculty of Eng, Sohar Univ, Oman, ² Energy and Ren. Energies Tech Res Center, Univ Technology- Iraq, ³ Dept of natural Res and Environment, College of Graduate Studies, Arabian Gulf University, Kingdom of Bahrain, ⁴ Rene and Sus Energy Inst, Univ of Colorado, USA
Done	15:30 – 16:00	Public open spaces Design as a chatayst for community awareness Climate Change Impications and awareness Sherif Elwagees, Kindom University, Bahrain
15:30 – 16:00		Coffee Break
HALL- D		
16:30 - 17:45		PLENARY – 3, Chair: Dr Ali Al-Waeli
Done	16:00 – 16:15	Renewable Energy in MENA: Insights from Saudi Arabia, Algeria, Morocco, Egypt, and Jordan Noura Karray,, Mounir Bouzguenda, Adel Ben Ahmed Dept. of Economics, College of Business Administration Dept. of Electrical Engineering, College of Engineering King Faisal University, Al Ahsa, 31982, KSA
Done	16:15 – 16:30	Offshore Wind Energy Improved Technology: A Potential Solution for Bahrain's Energy Security and Sustainability Prof Abdul Salam K Darwish University of Bolton, Manchester, UK
Done	16:30 – 16:45	Digital transition in higher education for the experience of DIGITAL DECATLON Competition to Cooperation partnerships in higher education Antonella Trombadore*, Gisella Calcagno*, Giacomo Pierucci*, Matteo Bertelli* *University of Florence Architectural Department, Florence, Italy
Done	16:45 – 17:00	Biomimetic methods used for BIPV-PCM/EG system thermal regulation enhancement Ming Jun Huang ¹ , Gerard Obasi ¹ , Neil J. Hewitt ¹ ¹ Belfast School of Architecture and the Built Environment, Ulster University, UK (No power point because of Copy rights)
Shift to 15/01 /2025	17:00 – 17:15	Spatial suitability model for the best locations of solar power plants using geographic information systems Prof Abbas Al-Tayeb Babiker Mustafa, & Abdulelah Adel Rashed Alrasheed Dept. of Geography - College of Arts - King Faisal Univ. - Kingdom of Saudi Shifted to tomorrow
Didn't come	17:15 – 17:30	Legal Issues of Financing Renewable Energy Projects by Islamic Finance Dr. Soliman Mohamad Alhamed ¹ *, Dr. Ali Salem Almarri ² ¹ , Assist. prof of Private Law, College of Law, King Faisal Univ., Saudi Arabia. ² Assoc. prof. of Private Law, College of Law, King Faisal Univ. Saudi Arabia.
done	17:30 – 17:45	AI – Driven Renewable Energy Optimization: Predictive Anylitics for Enhanced Energy Efficiency Marwa Assim, Sara Sharif, Fatma Nazeera, Riya Sharfraz, Masarra Mouafak

