

INTERNATIONAL CONFERENCE ON SUSTAINABLE ENERGY-WATER- ENVIRONMENT NEXUS IN DESERT CLIMATE 2021

ICSEWEN 21 Program (draft)

Draft Programme

DAY 1 – 22nd November 2021

Programme 08:30 – 17:00 AST (Arabian Standard Time, GMT+3)
Inaugural Ceremony: Live-streamed from Doha

In-person registration and Online moderated networking opportunity

Welcome Speeches from distinguished guests and strategic conference partners and sponsors

Coffee Break

Panel Discussion: Opportunities and Challenges for the Energy Water Environment Nexus

Keynote Speech

Lunch Break

Keynote Speeches

Inaugural Session Close

Exhibition and Online Networking Opportunity

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Draft Programme

DAY 2 - 23rd November 2021

Programme 0830 – 1700 AST (Arabian Standard Time, GMT+3)

Online moderated networking opportunity

Plenary Speech

Panel Discussion: Integrated Water Resources Management (IWRM) in Arid Regions
Prof. Esra Aleisa (Kuwait University), Prof. Mohammed Abdulrazzak (King Abdulaziz University KSA)

Coffee Break

Parallel Session 1

Sustainable and Smart Building Technologies
Energy Solutions

Scott Hinson, CTO Pecan Street (USA)
Prof. Dragan Boscovic - Research Professor in the School of Computing and Augmented Intelligence (SCAI) at Arizona State University

Parallel Session 2

Wastewater Management
Professor Rong Wang, Nanyang Technological University

Novel materials for Environmental Applications
Prof. Mike Zoworotko, University of Limerick

Lunch Break

Poster Session

New Sustainability Paradigms and Frameworks
Prof. Silvana Dalmazzone, Associate Professor at the University of Turin, Italy

Young Innovators Competition Finals
(<https://www.hbku.edu.qa/en/academic-events/QEERI-SUST-YIA21>)

Exhibition and Online Networking Opportunity

Workshop:
Sustainable Petrochemical Industry

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Draft Programme

DAY 3 – 24th November 2021

Programme 08:30 – 17:00 AST (Arabian Standard Time, GMT+3)

- Online moderated networking opportunity
- Plenary Speech
- Panel Discussion: Environmental Sustainability and Public Health Implications

Coffee Break

Parallel Session 1	Parallel Session 2	Parallel Session 3
Desalination <i>Mr. Friedrich Alt, Desalination Technology Research Institute – Seawater Conversion Corporation (SWCC), KSA</i>	Public Health Impacts of Environmental Pollution <i>Professor Susan Anenberg, George Washington University Milken Institute School of Public Health, USA</i>	Sustainability of Urban and Industrial Infrastructures <i>Dr. Nicholas Laycock, Shell Pearl GTL</i>
Power Systems and Smart Grids <i>Prof Dr Saifur Rahman, Joseph R. Loring professor of electrical and computer engineering, Virginia Tech, USA</i>	Climate Change Policy in the GCC <i>Dr Bassam Fattouh, Oxford Institute for Energy Studies</i>	Material Selection for Sustainable Power Plants <i>Dr.Reza Javaherdashti, Eninco Engineering B.V., The Netherlands</i>

Lunch Break

Poster Session	Qatar Culture Session
Early-Stage Researcher Showcase	
Exhibition and Networking Opportunity	

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Draft Programme

DAY 4 – 25th November 2021

Programme 0830 – 1700 AST (Arabian Standard Time, GMT+3)

- Online moderated networking opportunity
- Plenary Speech: "Research and Development Priorities to Advance Solar Photovoltaic Lifecycle Costs and Performance"
Prof. Michael Woodhouse
- Panel Discussion: Smart Sustainable Energy Systems in Desert Climates.
Moderator: Dr. Veronica Bermudez Benito
Panelists: Prof. Mauro Pravettoni (SERIS), Prof Stefan De Wolf (KAUST), Dr. Antonio Sanfilippo (QEERI), Dr. Gilles Poulain (Total Energies)

Coffee Break

Parallel Session 1	Parallel Session 2	Parallel Session 3
Transportation Electrification <i>Dr. Sheldon S. Williamson - Canada Research Chair in Electric Storage Systems for Transportation Electrification at Ontario Tech University</i>	Environmental Sensing <i>Ms. Pat Keady, Founder, CEO, President of Aerosol Devices Inc, USA</i>	Pollution Control: Detection to Mitigation
Solar Energy Applications <i>Professor Federico Rosei - Full Professor at the Centre Énergie, Matériaux et Télécommunications, Institut National de la Recherche Scientifique, Varennes (QC) Canada</i>	Global Environmental Change <i>Prof. Jean Sciare, Cyprus Institute</i>	Food Security and the Energy-Water-Environment Nexus <i>Dr. Elena Vallino, Research Fellow at Polytechnic of Turin, Italy</i>

Lunch Break

- Qatar STEM Innovation Session featuring National Innovation Showcase (co-hosted by Qatar Scientific Club)
- Prize giving Awards Ceremony

Conference Closing Address

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