

INTERNATIONAL CONFERENCE ON WATER AND FOOD SECURITY IN THE FACE OF CLIMATE CHANGE:
CHALLENGES AND OPPORTUNITIES FOR RESILIENCE (WFCC 2025)

Conference Program

Wednesday, 5 February 2025

Time	Session	Speaker / Facilitator
7:30 am – 8:00 am	Registration	
8:00 am – 9:00 am	Research Networking and Refreshments	
9:00 am – 9:05 am	Welcome Note	Dr. Salem Al-Naemi President of the University of Doha for Science and Technology (UDST)
9:05 am – 9:10 am	Opening Note	HE Dr. Abdullah bin Abdulaziz bin Turki Al-Subaie Minister of Environment and Climate Change
9:10 am – 9:30 am	Keynote Speech Qatar National Food Security Strategy	Dr. Masoud J. M. Al-Marri Director, Food Security Department Ministry of Municipality
9:30 am – 9:45 am	WFF Qatar Chapter Certificate Exchange Announcement of Arab Youth Competition Winners	
9:45 am – 10:20 am	Pathways to Resilience for Climate Change: Strategies for Sustainable Community in Arid Region Moderator: Dr Haruna M. Moda, Department Head, Environmental Health and Safety, College of Health Sciences, University of Doha for Science and Technology Panelists: 1. Ms. Lolwa A. Al-Kuwari, Environmental and Biotechnology Expert, Ministry of Environment and Climate Change 2. Prof. Walter Leal Filho, Professor, Environment and Technology, Director, Sustainable Development and Climate Change Management Research and Transfer Centre, Hamburg University of Applied Sciences, Germany 3. Prof. Jeffrey J. McDonnell, Professor and Associate Director, Global Institute for Water Security, School of Environment and Sustainability, University of Saskatchewan 4. Mr. Kazuki Kitaoka, World Youth Lead, UN FAO Member	
10:20 am – 11:00 am	Coffee Break Poster and Education Exhibition	
11:00 am – 11:45 am	Keynote Speech Understanding streamflow generation for water security in the face of climate change	Prof. Jeffrey J. McDonnell Professor and Associate Director, Global Institute for Water Security School of Environment and Sustainability, University of Saskatchewan, Canada
11:45 am – 1:00 pm	Lunch/Prayer Break	
1:00 pm - 2:30 pm	Scientific Parallel Breakout Sessions Climate Change Impacts Food Security & Sustainability Water Resource Management Policies, Legislations and Society	
2:30 pm – 2:45 pm	Coffee Break Poster and Education Exhibition	
2:45 pm – 4:15 pm	Scientific Parallel Breakout Sessions Climate Change Impacts Food Security & Sustainability Water Resource Management Policies, Legislations and Society	
6:00 pm – 9:00 pm	Conference Dinner	

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Conference Program

Thursday, 6 February 2025

Time	Session	Speaker / Facilitator
7:30 am – 8:00 am	Registration	
8:00 am – 09:00 am	Campus Tour	
9:00 am – 9:45 am	Keynote Speech Water and Food Security in the Context of Climate Change: what can universities do?	Prof. Walter Leal Filho Professor, Environment and Technology Director, Sustainable Development and Climate Change Management Research & Transfer Centre Hamburg University of Applied Sciences, Germany
9:45 am – 10:30 am	Scientific Parallel Breakout Sessions Climate Change Impacts Food Security & Sustainability Water Resource Management Policies, Legislations and Society	
10:30 am – 11:00 am	Coffee Break Poster and Education Exhibition	
11:00 am – 11:45 am	Scientific Breakout Parallel Sessions Climate Change Impacts Food Security & Sustainability Water Resource Management Policies, Legislations and Society	
11:45 pm – 1:00 pm	Lunch/Prayer Break	
1:00 pm – 2:30 pm	Scientific Parallel Breakout Sessions Climate Change Impacts Food Security & Sustainability Water Resource Management Policies, Legislations and Society Workshops 1. Connected Farming: Water Management using IoT for Agriculture - Dr. Hassan Mahasneh 2. Smart Agriculture: Machine Learning Approaches to Combat Climate Change and Enhance Food Security - Dr. Hassan Ali 3. Nexus of Digital Technologies and Climate Change: An Overview from Food Security and Sustainability - Dr. Aitazaz A. Farooque	
2:30 pm – 2:45 pm	Coffee Break Poster and Education Exhibition	
2:45 pm – 4:15 pm	Scientific Breakout Parallel Sessions Climate Change Impacts Food Security & Sustainability Water Resource Management Policies, Legislations and Society Workshops 1. Connected Farming: Water Management using IoT for Agriculture - Dr. Hassan Mahasneh 2. Smart Agriculture: Machine Learning Approaches to Combat Climate Change and Enhance Food Security - Dr. Hassan Ali 3. Nexus of Digital Technologies and Climate Change: An Overview from Food Security and Sustainability - Dr. Aitazaz A. Farooque	

Friday, 7 February 2025

Time	Session
2:00 pm – 10:00 pm	Cultural Tour