



Agenda of the Conference

Water for the Future

From Scarcity to Sustainability



Dates: 23rd & 24th September 2023
Venue: CAS Auditorium

First Day: Saturday, September 23rd

8:30 – 9:20

Conference Reception and Registration

Opening Ceremony

9:20 – 9:25

Reciting verses of the Holy Quran

9:30 – 9:25

Iraq's National Anthem

Moderator

**Danielle Badro, Associate Professor,
College of Health Care Technologies, AUIB**

9:30 – 9:45

Speech by AUIB President

9:45 – 10:00

Speech by Iraqi Official

10:00 -10:15

Speech by World Bank Official

Session 1

EFFECTIVE WATER RESOURCE MANAGEMENT UNDER CLIMATE CHANGE

Moderator

**Myrna Semaan, Conference Chair, Professor
College of Arts and Sciences, AUIB**

10:30 – 11:00

Water Scarcity and Climate Change In Iraq: Risks and Urgency
Speaker: Ms. Yulia Isaeva, Climate and Environment Specialist,
UNDP Iraq

11:00 – 11:30

**Impact of Climate Change on Water Resource Management
in Iraq - Market Led Solutions to Water Management**
Speaker: Mr. Zulfiqar Ali, Deputy Country Director,
Mercy Corps-Iraq

11:30 – 12:00

**The Climate Crisis is a Water Crisis: Learning from
International Experience and Lessons for Iraq**
Speaker: Mr. Marcus Wishart, Lead Water Resource Specialist,
The World Bank

12:00 – 12:20

Discussion - Q&A

12:20 – 12:40

Coffee break

Session 2

EFFICIENT WATER USE IN AGRICULTURE

Moderator

Achraf al Faraj
Dean of College of Pharmacy, AUIB

12:45 – 13:15

Climate and Water Smart Agriculture in Iraq - Findings of the Recent Climate Smart Agriculture Action Plan for Iraq
Speaker: Mr. Tobias Baedeker, Senior Agriculture Economist, The World Bank

13:15 – 13:45

Sustainable Soil and Water Conservations Using Rainwater Harvesting Techniques
Speaker: Dr. Karrar Mahdi, Researcher and Lecturer at Wageningen University & Research, Wageningen, the Netherlands.

13:45 – 14:00

Discussion - Q&A

14:00 – 15:00

Lunch and Networking

Session 3

ENHANCING WATER GOVERNANCE

Moderator

Christine Murray, Head of Departments of Humanities and Social Sciences, AUIB

15:00 – 15:30

Cooperation Development in the Water Sector: GIZ Achievements Continuing Challenges and Climate Change in Iraq

Speaker: Ms. Katerina Kratzmanm, Head of Cluster - Reconstruction Peace Building & Governance, GIZ Iraq

15:30 – 16:00

Confidence-Building As A Means Of Addressing Trans-Boundary Water Conflicts: A Typology And Lessons

Speaker: Prof. David L. Feldman, Water Center Director, University of California, Irvine

16:00 – 16:30

Framework Adopting a Whole-of-Society Approach for Climate Change: Good Practices and Recommendations

Speaker: Ms. Harika Masud, Senior Social Development Specialist The World Bank

16:30 – 16:45

Discussion - Q&A

16:45 – 17:00

Concluding Remarks

Second Day: Sunday, September 24th

9:00 – 9:25

Conference Reception and Registration

Session 1

WATER SALINITY SOLUTIONS

Moderator

**Myrna Semaan, Conference Chair, Professor
College of Arts and Sciences, AUIB**

9:25 – 9:30

SPECIAL NOTE (0min): The International Water Rights of Iraq
Speaker: Prof. Khansaa Jasim, Associate Dean of College of Law, AUIB

9:30 – 10:00

Water Saving Innovations and Salinity in Iraq

Speaker: Prof. Vinay Nangia, Research Leader- Soil Water & Agronomy, ICARDA

10:00 - 10:30

Groundwater Resources Management Considering the Effects of Salinity Intrusion and Climate Change

Speaker: Prof. Akbar Javadi, University of Exeter - UK

10:30 – 11:00

Obstacles to Achieving Sustainability for Using Desalinated Water for Irrigation

Speaker: Prof. Babak Zolghadr-Asli, University of Exeter - UK

11:00 – 11:15

Discussion - Q&A

11:15 – 11:30

Coffee break

Session 2

WATER RESILIENCE DEVELOPMENT

Moderator

Abdallah Al Ozairi, Dean of College of Health Care Technologies, AUIB

11:30 – 12:00

A Stand-Alone Solar-Driven Agriculture Greenhouse-Desalination System

Speaker: Prof. Abdelazim Negm, Zagazig University, Egypt

12:00 – 12:30

Earth Observation and Cutting Edge Data Science Use In Water Governance & Planning

Speaker: Dr. Naga Velpuri, Senior Researcher- Water Productivity -Spatial Hydrology – International Water Management Institute-IWMI

12:30 – 13:00

Drought Preparedness: Prediction, Vulnerability, And Institutional Aspects

Speaker: Dr. Youssef Brouziyne, Regional Representative and CGIAR Water System Lead in MENA, International Water Management Institute-IWMI

13:00 – 13:30

Iraq Thirst Project

Speaker: Dr. Mahdi Ahmad, Project Managing Director

13:30 – 13:45

Discussion - Q&A

13:45 – 14:45

Lunch and Networking

Session 3

WATER RECOVERY

Moderator

**Danielle Badro, Associate Professor
College of Health Care Technologies, AUIB**

14:45 – 15:15

**Auxiliary Functions to Sustain Optimal Management
of Water Systems**

Speaker: Dr. Carol Sukhn, Environmental and Water Analysis Expert

15:15 – 15:45

**Predictive Asset Management in Water Distribution
Networks through Historical and Live Data**

Speaker: Prof. Milad Latifi, University of Exeter - UK

15:45 – 16:15

Intermittent Water Supply Systems

Speaker: Prof. Raziye Farmani, University of Exeter - UK

16:15 – 16:30

Coffee break

16:30 – 17:00

**Appropriate Technologies for Integrated Water Management
in Rural, Native and Marginalized Communities in Mexico**

Speaker: Mr. Miguel Angel Cordova Rodriguez
Center for Water Studies - Mexico

17:00 – 17:30

**Green Infrastructure and Nature Based Solutions
for Water Availability**

Speaker: Dr. Naji Chamieh, Chairman, CEO/Senior Env. Advisor
Sustainable Environmental Solutions (SES)

17:30 – 17:45

Discussion - Q&A

17:45 – 18:00

Concluding Remarks



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