



جمعية علوم وتقنية المياه  
Water Sciences and Technology Association



الأمانة العامة لمجلس التعاون  
لدول الخليج العربية  
Secretariat General - GCC



# 15<sup>th</sup> Gulf Water Conference “Water in the GCC: Embracing Technological Progress”

28–30 April 2024 – Sheraton Hotel, Doha, Qatar



مؤتمر الخليج الخامس عشر للمياه  
The 15th Gulf Water Conference

تحت رعاية  
سعادة وزير الدولة لشؤون الطاقة  
المهندس سعد بن شريده الكعبي

Under the patronage of  
H.E. Eng. Saad bin Sharida Al Kaabi  
The Minister of State for Energy Affairs

28–30 April 2024 – Sheraton Hotel, Doha, Qatar



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Water Sciences and Technology Association



المؤسسة العامة القطرية للكهرباء والماء  
Qatar General Electricity & Water Corporation



الأمانة العامة لمجلس التعاون  
لدول الخليج العربية  
Secretariat General - GCC



IWMI  
International Water  
Management Institute



World Health  
Organization



الجمعية العمانية للمياه  
OMAN WATER SOCIETY



WSTA – GWC2024



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The 15th Gulf Water Conference

## Welcome to Water Sciences and Technology Association (WSTA)- 15th Gulf Water Conference (GWC) Profile



You can reach us at:



**Email:** [info@wstagcc.org](mailto:info@wstagcc.org)



**Mobile:** +973 36052239



**WSTA Website:** <https://wstagcc.org>



**Conference Website:** <https://gulfwaterconference.org/>



wstagcc6







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# 15th GWC 2024

**TECHNICAL & SPECIAL SESSIONS,  
& TRAINING WORKSHOPS**

# CONFERENCE OPENING CEREMONY



مؤتمر الخليج الخامس عشر للمياه  
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**H.E. Eng. Essa Bin Hilal Al- Kuwari,**  
President,  
Qatar General Electricity  
and Water Corporation



**Eng. Abdelrahman Almahmoud,**  
Chairperson of Board of  
Directors, WSTA



**H.E. Dr. Mahmoud Abu-Zeid,**  
President,  
Arab Water Council (AWC)



**Eng. Khaldon Khashman,**  
General Secretary,  
ACUWA



**Dr. Hammou Laamrani,**  
UN-ESCWA





# Technical Session 1: Water Innovation and Technology



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**Waleed Al-Zubari, Chairman, Scientific Committee, WSTA**  
Conference Welcome and Introductory Remarks on Artificial Intelligence for Sustainable Water Management



Keynote Speaker:  
**Hammou Laamrani,**  
ESCWA



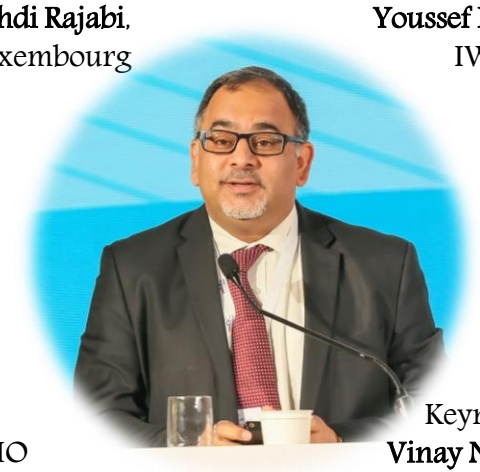
Keynote Speaker:  
**Mohammad Mahdi Rajabi,**  
University of Luxembourg



Keynote Speaker:  
**Youssef Brouziyne,**  
IWMI



Keynote Speaker:  
**Rola Al-Emam,** WHO



Keynote Speaker:  
**Vinay Nangia,** ICARDA



# Special Session 1: Water MIS for Efficient Integrated Water Resource Management; UNESCO Doha Office



Patrice Moix,  
UNESCO-Paris



Moderator:  
Donia Abdelwahid



Helmi Ana'am, Yemen



Ayisha Al-Khatiri, Oman

# Special Session 2: Using Technology to Bridge the Data Gap for Efficient Management of Agricultural water; **FAO-RNE**



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Bert Coerver,  
FAO-ROME



Abdullah Barhy  
FAO-Rome



Mohamed Abdallah,  
FAO-Cairo

# Special Session 3: De-carbonization Pathways in the Water Sector in the GCC Countries (GCC reps); GCC-SG



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Moderator:  
Mohamed AlRashidi, SG



Hind Al-Ali, Ministry of Energy, UAE



Mohammed AlAali, EWA, Bahrain



Mousa AlHajri, SWCC, KSA

# Training Workshop 1: Wastewater Treatment and Reuse in the GCC countries. How to unlock the power of data?; IWMI



**Moderator & Speaker:**  
Youssef Brouziyne, IWMI



**Khaldon Khashman, ACUWA**



**Muhammad Khalifa, IWMI**  
(Virtual)

Day 2: 29 April, 2024

## Technical Session 2A: Desalination Management



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Keynote Speaker:  
Mansour Ahmed, KISR, Kuwait



Mohammed Al-Abri,  
Oman



Syed Javid Zaidi, Qatar



Chairperson: Abdulmajeed Al-Awadhi



Raid Alrowais, KSA



Mohammed Akkbik,  
Qatar



Mohammed Al-Sofi, KSA

# Technical Session 2B: Desalination Management



Keynote Speaker:  
Zhaoyang Liu, QEERI, Qatar



Wafa Al Rawahi,  
Oman



Mansour Ahmed, Kuwait



Chairpersons: Hamad Al-Hatmi  
& Ali Redha Hussain



# Technical Session 3A: Surface Water & Groundwater Management



Keynote Speaker: Essam Heggy, QEERI, Qatar



Sadeq Sulaiman, Iraq



Manal Al-Balushi, Oman



Chairpersons: Abdulaziz Al-Turbak & Mohammed Swar



Atef Kawara, KSA



Yousry Mattar, KSA



Aiyad Gannan, Qatar

# Technical Session 3B: Surface Water & Groundwater Management



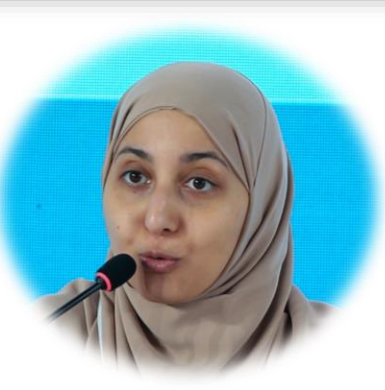
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Keynote Speaker:  
Abdelkader Larabi, Morocco



Abdulnoor Ghanim,  
KSA



Chairpersons: Ali Al-Maktoumi  
& Abrar Habib



Adel Alhaddad, Kuwait



Raid Alrowais, KSA

# Technical Session 3C: Surface Water & Groundwater Management



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Keynote Speaker: Khalid ElHaj,  
UAE University



Abdelaziz Zaki, UNESCO



Ali Al-Maktoumi, SQU



Chairpersons: Abdelkader Al-Arabi  
& Dalal Al-Shamsi



Ali Al-Hamdi, Oman



Osama Sallam, UAE

# Special Session 4: Effective Management of the Municipal Water Sector, ACUWA



Moderator & Speaker:  
Khaldon Khashman



Khaldon Khashman,  
ACUWA, Jordan



Adel  
Alobeiaat,  
Jordan



Muna Hindiyyeh, Jordan

# Special Session 5: Frontiers in Water Science & Technology Research. UNESCO and the International Decade of Science for Sustainable Development, UNESCO Cairo Office



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Ali Al-Maktoumi, Oman



Waleed Zubari,  
Bahrain



Mahmoud AbuZeid,  
AWC



Moderator & Speaker:  
Abdelaziz Zaki



Dalal AlShamsi, UAE



Mohamed AlRashid, KISR



Syed Zaidi,  
Qatar

# Technical Session 4: Integrated Water Management



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Waleed Eldamaty,  
UAE



Abrar Habib,  
Bahrain



Mohamed Shamrukh,  
Qatar



Chairpersons: Mohammed Al-Rashid  
& Hamad Bawazeer



Yaser Alsaadi, Oman



Hamad Bawazir, Qatar

# Training Workshop 2: WHO's Sanitation Safety Plan (SSP) Tool; WHO



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Moderator & Speaker:  
Rola Al-Emam



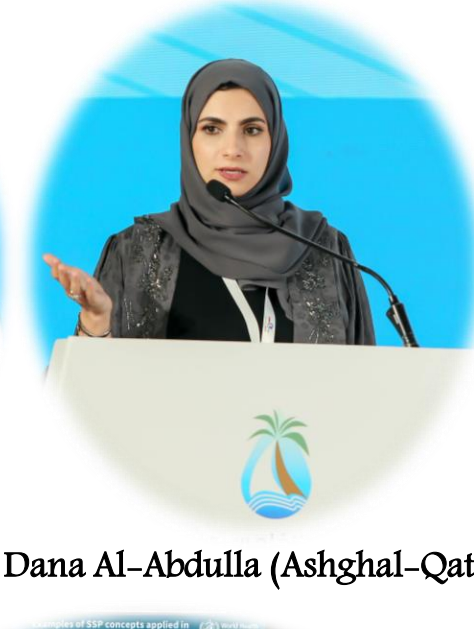
Sohaib AbuHamoor



Khaled Al-Louzi



Raya Al-Abri (Nama-Oman)



Dana Al-Abdulla (Ashghal-Qatar)



Ghada Kassab (Jordan)



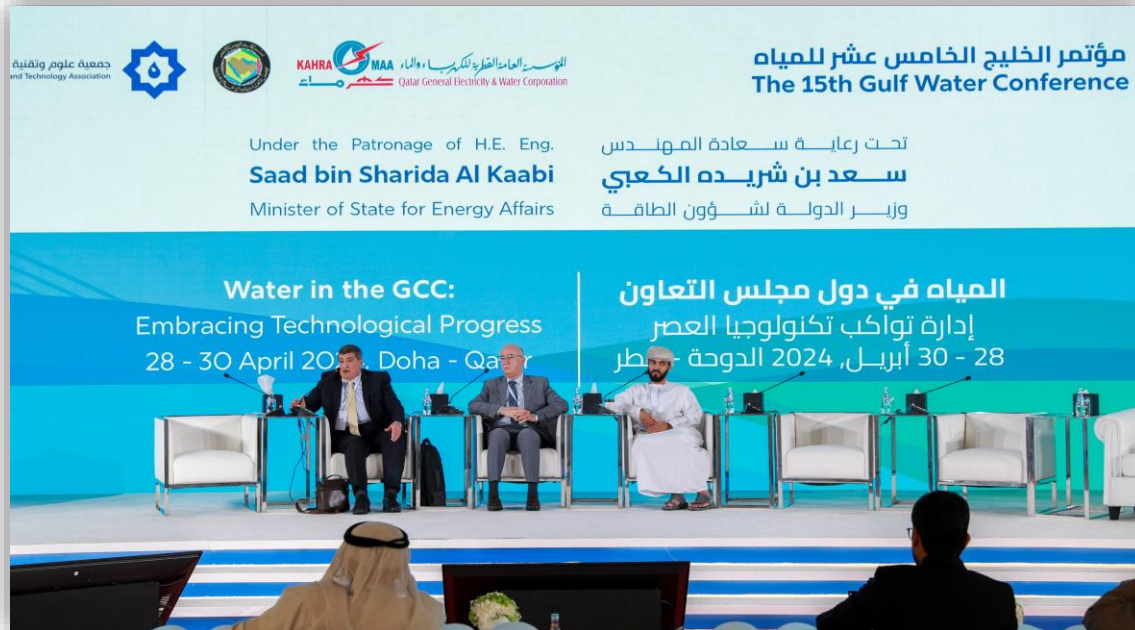
Dan Deere (Australia)

Day 3: 30 April, 2024

# Special Session 6: Water Privatization and Regulatory aspects of water utilities, ACWUA and WSTA



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Moderator & speaker:  
Khaldon Khashman



Ahmad Alazzam  
(Jordan)



Saud AlShithani  
(Oman)



# Technical Session 5A: Agricultural Water Management



Chairperson: Abdulrasoul Al-Omran



Keynote Speaker:  
Kamel Mustafa Alsayed, AOAD



Keynote Speaker:  
Mohamed Abdrabo, Egypt



Keynote Speaker:  
Rachyd Zaabol, ICBA, UAE

# Technical Session 5B: Agricultural Water Management



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Farhat Abbas, Qatar



Mohamed Hachim, Iraq



Ahmed Al-Busaidi;  
Oman



Chairpersons: Ali Al-Jaloud  
& Khalid Al-Ruwis



Hassan Ali, Qatar



Abdulrasoul Al-Omran,  
KSA

# Technical Session 6A: Wastewater Management



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Chairperson: Youssef Brouziyne



Keynote Speaker:  
Abdullah Al-Matouq, KISR



Keynote Speaker:  
Emad Karabliyah,  
University of Jordan



Keynote Speaker:  
Mohammed Al-Abri,  
SQU

# Technical Session 6B: Wastewater Management



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Khalid Bani-Melhem, Qatar



Adel Alhaddad,  
Kuwait



Chairperson: Najib Al-Nasher



Abdulrahman Alablan,  
KSA



Sharifa Bakhit Ali, Oman



Amal Al-Rahbi,  
Oman (Virtual)

Ahmed Elfeky, KSA



# CONFERENCE CONCLUSION & RECOMMENDATIONS



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Waleed Zubari (WSTA) & Mohammed  
Mohannadi (Kahramaa)





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**سعد بن شريده الكعبي**  
 وزير الدولة لشؤون الطاقة

Water  
 Embracing Tech  
 28 - 30 April



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KAHRA MAA  
Qatar General Electricity & Water Corporation



جمعية علوم وتقنية المياه الخليجية  
Gulf Water Science and Technology Association



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The 15th Gulf Water Conference

WSTA – GWC<sub>2024</sub>



# WSTA GWC Profile

## 15<sup>th</sup> Gulf Water Conference

### April 2024

[gulfwaterconference.org](http://gulfwaterconference.org)

[wstagcc.org](http://wstagcc.org)

