أسبوع عُمان للمياه

OMAN WATER WEEK

19 - 23 April 2026

Oman Convention & Exhibition Centre
Muscat - Sultanate of Oman

Under the patronage of

Sultanate of Oman
Ministry of Agriculture, Fisheries
Wealth & Water Resources

Hosted by

نماء لخدمات المياه
nama WATER SERVICES

CALL FOR ABSTRACT

/Omanwaterweek

Organized by

RAYA SERVICES

Over 5 impactful days

Oman Water Week will bring together water sector stakeholders, utility leaders, government authorities, academics, technologists, innovators, global experts & researchers to address the most demanding water challenges and co-develop actionable solutions for the region and beyond . Backed by the USD 29.35 billion national water and wastewater investment plan (2025–2050), some projects underline Oman's commitment to sustainability, innovation, and water security in line with Vision 2040.

Event Numbers

6500+	150+	130+	75+	45+
Participants	Speakers	Exhibitors	Countries	Technical Hours

Important Deadlines

Call for Papers Opens
1st September 2025

Call for paper Closes
15th December 2025

Author Notification
15th January 2026

Oman Water Week 2026 Opens
19th April 2026

Abstract Submission Guidelines

Deadline
15th December 2025

All submitted abstracts will be reviewed by the **Oman Water Week 2026** Technical Committee. Early submission is encouraged to allow sufficient time for review. The final submission deadline is **15 December 2025**. Abstracts submitted after this date or those that are incomplete will not be considered

Abstract Submissions:

- Extended Abstract must be 2-3 pages long
- The abstracts must be in English
- A 100-word English biography and author photo to be included
- Deadline: 15 December 2025
- Abstracts and biographies must be sent to be submitted on the following link:

Submit Abstract – Oman Water Week or email to husam@rayaservices.com

- The technical committee will announce decisions and notify the speakers on 15 January 2026.

Submit your Abstracts today

The Strategic Program

Main Theme: Securing a resilient Future: Water Strategies for Security, Stability and Sustainability

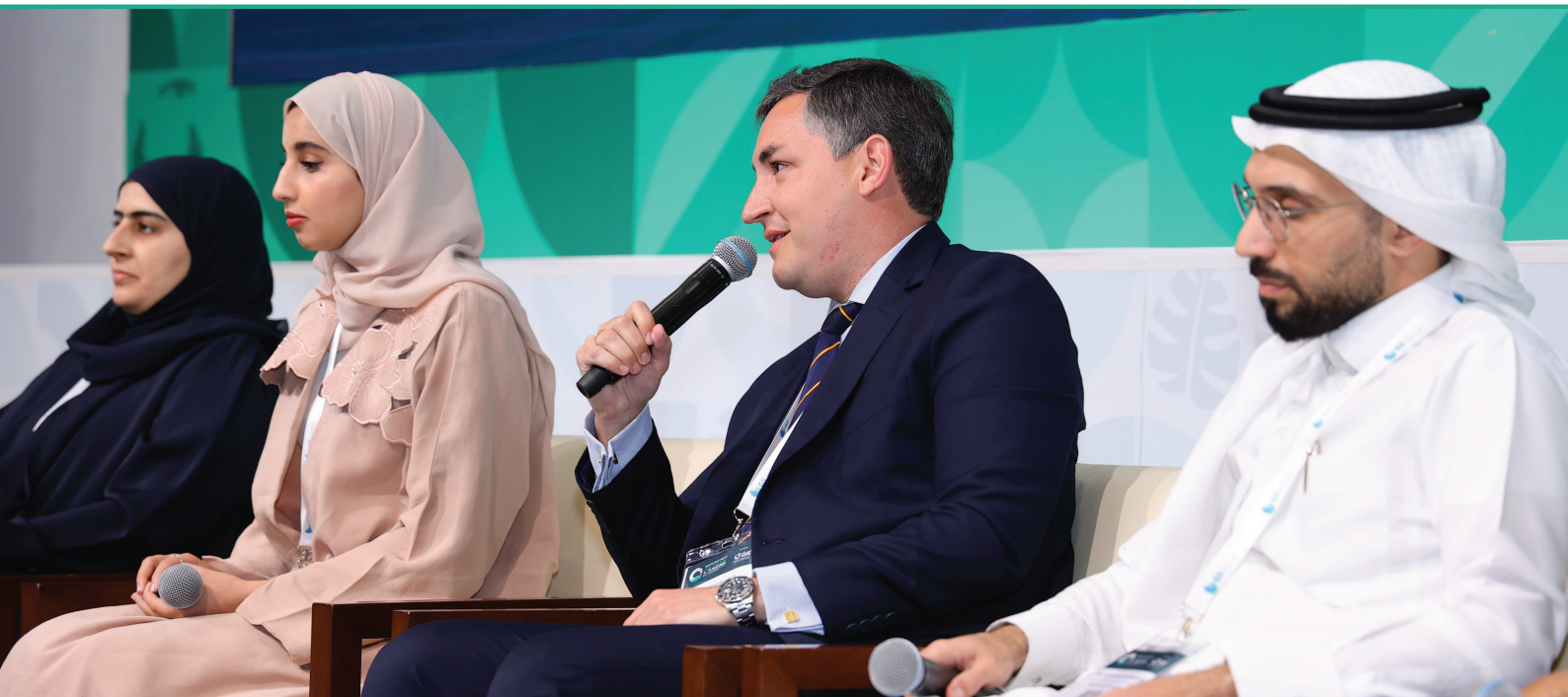
Oman Water Week 2026 will address the urgent need to safeguard and future-proof its water systems amid increasing environmental, geopolitical, and operational challenges.

As nations worldwide grapple with water scarcity, climate volatility, energy-intensive supply systems, and growing geopolitical and cyber threats, the resilience of water infrastructure and services has become a strategic imperative.

The event will spotlight cutting-edge technologies, strategic foresight, and crisis preparedness, alongside deep dives into policy development, institutional capacity, and cross-sector collaboration.

These discussions are critical for building water systems that are not only robust and adaptable but also aligned with long-term sustainability and national development visions, whether in Oman or beyond.

Oman Water Week 2026 invites stakeholders across borders and sectors to contribute to shaping a resilient water future for all.



Covered Topics:

Theme 1

Strategic foresight and sector resilience

- Enhancing cross-border water diplomacy and regional cooperation mechanisms.
- Safeguarding national water infrastructure from geopolitical and conflict-related risks.
- Establishing and managing strategic water reserves and national buffer zones.
- Integrating water security into national defense and resilience planning.
- Protecting desalination intakes and coastal infrastructure from oil spills, radiological fallout, and other contamination risks during conflict scenarios.

Theme 2

Financing the Water Future: Investments, Innovations, and Industry Localization

- Unlocking Investments for Resilient and Scalable Water Infrastructure.
- Green Finance and Climate-Resilient Models for Sustainable Water Development.
- Public-Private Partnerships (PPPs) as Drivers of Growth and Innovation in the Water Sector.
- Localizing Water Technologies and Services: Building Secure and Resilient Supply Chains.
- Innovation and Digital Transformation: Maximizing the Impact and Returns of Water Sector Investments.
- Capacity Building and Knowledge Transfer: Developing Human Capital to Secure Long-Term Investment Value.

Theme 3

Emergency Preparedness and Crisis Response

- Risk Assessment and Threat Mapping for Water Supply Systems.
- Contingency Plans and Maintenance of Emergency Water Reserves.
- Continuity of Water Services and Utility Operations during Crises and Conflict.
- Emergency Shutdowns and Recovery Procedures for Desalination and Treatment Plants.
- Strategies for Short-Term and Long-Term Water Storage.
- Protection and Sustainable Management of Underground Water Aquifers and other water resources.
- Strategic Storage Integration with Energy-Water Nexus Planning for Optimized Deployment

Covered Topics:

Theme 4

Infrastructure Reliability and Crisis Adaptability

- Designing Decentralized, Modular, and Scalable Water Infrastructure for Resilience and Redundancy.
- Protecting Critical Water Infrastructure Against Physical and Cyber Threats.
- Establishing Frameworks for Coordinated Emergency Response and System Reactivation.
- Conducting Scenario-Based Resilience Drills for Cyber, Conflict, and Natural Hazard Events.
- Applying Adaptive Infrastructure Design in High-Risk Zones.

Theme 5

Cybersecurity and Digital Resilience in Water Systems

- Securing SCADA and Digital Control Systems Against Evolving Cyber Threats.
- Establishing Cybersecurity Standards and Protocols Tailored for the Water Sector.
- Building Rapid-Response Teams and Digital Forensic Capabilities.
- Leveraging Real-Time Monitoring, Predictive Analytics, and AI to Detect and Prevent Disruptions.
- Deploying AI Solutions to Enhance Operational Performance and Resilience.

Theme 6

Water Quality and Contamination Risks

- Mitigating Biological, Chemical, and Radiological Contamination Risks in Drinking Water Systems.
- Assessing Vulnerabilities of Desalination Plants in High-Risk Scenarios.
- Implementing Water Quality Monitoring and Early Warning Systems at Strategic Nodes.
- Disinfection and Mobile Purification Technologies.
- Case Studies: Lessons from Water Contamination.

Technical Committee

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Submit Your Abstracts Today

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