

TOPICS

- TOPIC 1: Smart governance, digitalization, and efficiency in the water sector
- TOPIC 2: The effects of climate change and its impact on the environment
- TOPIC 3: Groundwater resources, dams, and water transfer
- TOPIC 4: Training, research, and innovation in the water sector
- TOPIC 5: Legislation, regulations, information, and awareness-raising in the water sector
- TOPIC 6: Circular economy, ecological transition, and technological sovereignty
- TOPIC 7: Seawater desalination and brackish water demineralization
- TOPIC 8: Wastewater treatment and reuse

Objectives

This leading event provides a unique platform for academics, researchers, and industry professionals to meet, share, and debate. Together, they will review the latest scientific advances related to water, climate, the environment, and sustainable development. This unique synergy between theoretical approaches and practical expertise represents a major driver of growth for the research of tomorrow. The objective of this international gathering is to connect leading climate and water specialists with leaders in key industrial sectors such as energy and the environment. Together, they will present their latest work and combine their expertise to address the urgent challenges of water scarcity and climate change. To enrich the discussions, this 2027 edition will transcend disciplinary boundaries by welcoming global experts in the environment, biodiversity, geology, and law for a comprehensive sharing of knowledge. This symposium is a hub for innovation and dialogue. This event brings together scientists, academics, and industry professionals to explore the latest breakthroughs in unconventional water resources. This gathering energizes and sustainably enriches scientific research.



Preamble

Essential to the survival of all living things, water has become a highly strategic resource on a global scale. Its increasing scarcity, exacerbated by population growth, pollution, and climate change, is generating major geopolitical and economic tensions. Therefore, its sustainable management has become an absolute imperative to preserve the future of our ecosystems and societies, requiring the full integration of water security into the heart of public resilience policies. Faced with the acute climate change and persistent drought threatening Algeria, this symposium addresses the issue of critical water stress, where per capita water availability has fallen below the absolute emergency threshold, jeopardizing both food security and the population's access to drinking water. The main objective of this event is to formalize a transformative strategy to secure the national water mix by accelerating the large-scale deployment of seawater desalination, expanding wastewater recycling for agriculture, and integrating artificial intelligence to eliminate losses in distribution networks. The expected results include the immediate implementation of a government roadmap aimed at meeting more than 60% of drinking water needs through desalination, modernizing legislation against water waste, and safeguarding Algeria's water independence and economic sovereignty for decades to come. The International Symposium on Water Security and Sovereignty: Emergencies and Solutions for Algeria is a leading scientific event dedicated to the critical challenges of water management in the context of severe water stress. Faced with accelerating climate change and declining rainfall in the Mediterranean, this scientific event brings together national and international experts, researchers, public decision-makers and industrialists.

جامعة جيلالي ليابس - سيدي بلعباس
DJILLALI LIABES UNIVERSITY
SIDI BEL ABBES



كلية العلوم الدقيقة
FACULTY OF EXACT SCIENCES
FACULTE DES SCIENCES EXACTES
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International Symposium on Water Security and Sovereignty: Emergencies and Solutions for Algeria (ISW2S)



October 4-6, 2027





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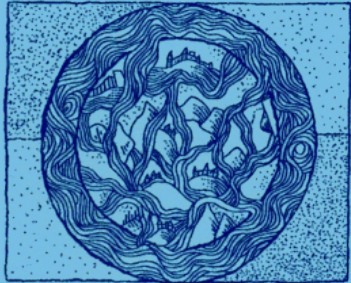
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Sanitation Association

Association Africaine de
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Académie de l'Eau

المجلس العربي للمياه



Arab Water Council



July 17 Official Schedule

Abstract Submission Deadline: August 25,
2027

Notification of Acceptance September 5,
2027

Deadline for Sending Presentations
September 20, 2027

Symposium Dates: October 4 to October 6,
2027

Participation Fees

- Research Professors 15,000 DZD
- Researchers from foreign universities
Including two nights' accommodation for
participants (oral or poster), catering, and
participation fees 30,000 DZD (equivalent to
200 €)
- PhD students not affiliated with the LMC
6,000 DZD
- Professionals 20,000 DZD



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PARA LA TRANSICIÓN ECOLÓGICA
Y EL RETO DEMOGRÁFICO

CONFEDERACIÓN
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DEL SEGURA, O.A.

SEMIDE
EMWIS



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