



The 1st INTERNATIONAL CONFERENCE

ON

EFFICIENT WATER PURIFICATION AND REUSE STRATEGIES EWPRS'2026

SEPTEMBER 29TH-30TH, 2026

USTHB, Algeria

CONTEXT and OBJECTIVES

In the context of increasing water scarcity and environmental pressures in Algeria and similar regions, this international congress aims to:

- Promote advanced wastewater treatment and water reuse technologies to strengthen water security and sanitation;
- Address emerging pollutants, including persistent contaminants and micro- and nanoplastics, and their impacts on aquatic ecosystems;
- Support resource and energy recovery from wastewater within a circular economy framework, with a focus on bio-hydrogen and biogas production;
- Encourage climate-resilient water management strategies suited to arid and semi-arid regions;
- Highlight the role of digital transformation and smart water management in optimizing treatment processes and decision-making;
- Foster international collaboration among academia, industry, and public institutions to develop innovative and sustainable water solutions.

SCIENTIFIC THEMES

1 Water Treatment and Purification Technologies

- Water treatment and resource management.
- Tertiary treatment of urban wastewater.
- Advanced purification technologies.
- Drinking water purification and desalination technologies.

2 Emerging Pollutants and Aquatic Ecosystems Impacts

- Persistent pollutants and micro/nano-plastics in Aquatic Ecosystems: challenges and remediation approaches.

3 Sustainable Management, Circular Economy and Climate Change

- Water and the circular economy.
- Impact of climate change on water management.

4 Digital Transformation in Water Management

- Optimizing water governance through smart monitoring, data-driven management, automation, and integration of intelligent systems.

CONFERENCE CHAIRS

HONORARY CHAIRS

Prof. AKRETCHE Djamel-Eddine Rector of USTHB, Algeria

Dr. BOUZOUANE Bélaïd Dean of ME/PE, USTHB, Algeria

CONFERENCE CO-CHAIRS

Prof. YEDDOU-MEZENNER Nacéra
Director of LGR, USTHB, Algeria

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REGISTRATION DESK COORDINATOR

Dr. SELLAMI Kheireddine LGR, USTHB, Algeria

LOGISTICS COORDINATOR

Dr. BRAHMI Lamia LSGPI, USTHB, Algeria

INVITED SPEAKERS

Dr. FERNANADES Annabel Beira Interior U, Portugal

Prof. AMRANE Abdeltif Rennes U, France

Dr. VENKATRAMMAN Sivasankar Nagasaki U, Japan

Dr. OMINE Kiyoshi Nagasaki U, Japan

Prof. TRARI Mohamed USTHB, Algeria

Prof. NACEUR Mohamed Wahib Saad Dahlab U, Algeria

IMPORTANT DATES

• **June 10TH, 2026**
Registration and abstract
submission deadline

• **July 10TH, 2026**
Acceptance notification

• **September 29-30TH, 2026**
Conference date



REGISTRATION FEES


PhD Students 4000 DZD


Academics 8000 DZD


Industrials 16000 DZD

Internationals 300 €

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