

# INTERNATIONAL CONFERENCE ON SUSTAINABLE WATER TREATMENT TECHNOLOGIES AND ENVIRONMENT



## SUST-WATER'19

14-16 October, 2019  
Tipasa , Algeria

Unité de Développement des Equipements Solaires  
UDES / EPST CDER

## Call for paper

The International Conference on Sustainable Water Treatment Technologies and Environment aims to attract high quality science presentations and keynote talks from national and internationally renowned scientists and researchers working in Water treatment area and related fields. This event will also facilitate close cooperation and intellectual exchange with a large number of experts from the academia, leading R&D&I institutions, industry and government agencies. It provides a platform for researchers, scientists, and decision maker to discuss the current challenges, opportunities and future directions in the development of sustainable energy systems especially in Algeria and MENA region.

## Topics

### A. Fresh water management

1. Water availability, demand and consumption,
2. Renewable Energy and water resource management trends
3. Climate change impacts on water resources,
4. Supply networks, Leakage and Water losses,

### C. Wastewater treatment and reuse

1. New trends in conventional processes (treatment, quality, energy, financial expenditure)
2. Sustainable processes (advanced oxidation processes, Nanotechnologies, SODI)
3. Wastewater treatment powered by renewable energies (green electricity, biogas, cogeneration, microbial fuel cells)
3. Decentralized wastewater treatment plants (MBR, SBR, low cost technologies)

### B. Desalination

1. Membrane processes ( Reverse osmosis, Electro-Dialysis,...).
2. Thermal processes ( MED, MSF, VC...)
3. Desalination hybrid systems
4. Renewable energies in desalination,
5. New materials in water desalination field,
6. Pre-treatment and post-treatment processes
7. Brine/concentrate disposal and waste management

### D. Wastewater reuse (Management, Polices, Regulation, standards)

1. Financial, Economic and environmental aspects
2. Environmental issues of water treatment processes
3. Water pollution and Environmental impact assessment (rejected water,.....)
4. Techno-economic studies,
5. Monitoring, water quality, Safety and security issues,

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## Paper Submission

Short Papers (3 pages) should be submitted by email: [sustwater19@gmail.com](mailto:sustwater19@gmail.com)

**Language** :The official languages of the conference is English

**Format**: Instructions for papers preparation are available on the Conference

Website:

<http://udes.cder.dz/sustwater2019>

## Important dates

<b>Extended abstracts submission deadline</b>	<b>November 15<sup>th</sup>, 2018</b>
Notification of acceptance	February 28 <sup>th</sup> , 2019
Early bird registration deadline	May 31 <sup>st</sup> , 2019
Camera ready version submission deadline	July 31 <sup>st</sup> , 2019
Final program available	August 31 <sup>st</sup> , 2019

## Publication

Delegates will receive a copy of the proceedings at the registration desk.

All accepted, registered and presented papers ( extended version) will be published in the following Journals:

1. Desalination and water treatment ( IF: 1.631 Thomson and Reuters)
2. Water Science and Technology ( IF:1.197 Thomson and Reuters)
3. Water Science and Technology: Water supply ( IF 0.573 Thomson and Reuters)
4. Journal of Materials and engineering Structures ( Indexed in Thomson and Reuters)
5. Journal of new technology and Materials (Indexed in Thomson and Reuters)
6. Revue des Energies Renouvelables

## Location

The conference will be held at the Unité de Développement des Equipements Solaire (U.D.E.S) located in Tipaza city which propertied many fascinating historical attractions.



The province of Tipaza extends over an area of 1,707 km<sup>2</sup> with 608,000 inhabitants. Its huge tourism potential and its location near the capital give Tipaza the status of a future open to the Mediterranean metropolis.

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