

About

The global challenge of sustainable waste management has become increasingly critical. Algeria, like many other countries, faces a growing accumulation of waste that threatens the environment and public well-being.

To address this pressing issue, innovative and sustainable solutions for effective waste management are essential. As part of a new policy for the higher education and scientific research sector, one that aims to actively engage universities in national development, the "PRFU"; research-training team of the École Normale Supérieure of Technological Education of Skikda is organizing a conference. This conference will focus on the sustainable management of waste, industrial effluents, and emissions.

Objectifs

- Conduct a comprehensive diagnosis of waste, effluents, and emissions in Algeria, considering their entire lifecycle, from source to final destination.
- Analyze the environmental, economic, social, and agricultural consequences associated with waste management in Algeria.
- Examine innovative and sustainable solutions for managing waste, effluents, and emissions, leveraging recent scientific and technological advancements.
- Formulate concrete proposals for the treatment and recovery of waste, effluents, and emissions, tailored to the realities of the Algerian context.
- Convene researchers and industry experts to exchange experiences and foster synergy in waste management strategies.
- Promote the creation of a national collaborative network to facilitate concerted efforts towards sustainable waste management in Algeria.
- Actively support the participation of doctoral students and young researchers, providing them with a platform to showcase their work and engage with established experts.

This conference serves as a cornerstone for promoting sustainable waste management in Algeria, emphasizing the importance of research, innovation, and collaboration amongst various stakeholders.

Concerned categories

- Teacher-researchers, Researchers, Independent researchers
- Doctoral students, Post-docs
- Other categories: Socioeconomic actors, anyone interested in the event topics

Hybrid Event

PRFU University Research and Training Team
(Research Project No. A01LIOEN2IOI2022000I)
in coordination with the :

TECHNOLOGY DEPARTMENT OF THE
HIGHER SCHOOL OF TECHNOLOGICAL
EDUCATION - ENSET SKIKDA

Honorary President
Dr. BOUDJAADAR Djamal
(Director of the School)

Conference Chair
Professor BABOURI Laidi



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🌐 <https://sites.google.com/enset-skikda.dz/csmwee2024>

Ministry of Higher Education and
Scientific Research



**ENSET-SKIKDA,
ALGERIA**



2024

National Conference

Sustainable Management of Waste,
Effluents and Emissions "CSMWEE-2024"

**NOVEMBER
18-20, 2024**

Important dates:

- **May 30, 2024:** Call for papers
- **July 31, 2024:** Submission deadline
- **September 01, 2024:** Notification
- **September 20, 2024:** Camera ready
- **November 18-20, 2024:** CSMWEE-2024

Topics

Axis I: Sustainable Management and Recovery of Solid Waste: For a circular economy

Typology of Solid Waste :

- Biodegradable Organic Waste
- Waste Electrical and Electronic Equipment (WEEE)
- Inert Waste, Hazardous Waste

Recovery of Solid Waste :

- Recovery and Recycling
- Organic Waste Recovery: Composting, Methanization
- Energy Recovery: Incineration, Co-incineration, Gasification (including biogas), Pyrolysis

Issues and Challenges :

- Environmen Impact, Health Impact
- Socio economic Impact
- Challenges of Sustainable Solid Waste Management

Axis 2: Treatment and Valorization of Water Discharges

Unconventional Wastewater Treatment Technologies:

- Membrane Technologies,
- Adsorption with Activated Carbon
- Advanced Oxidation Processes
- Phytoremediation (using aquatic plants)

Ecological Wastewater Depollution Processes:

- Constructed Wetlands, Herbal Filters
- Biological Treatment with Microorganisms: Use of Beneficial Microorganisms

Metal Recovery Processes from Wastewater:

- Chemical Precipitation, Ion Exchange
- Adsorption on Adsorbents

Recycling and Reuse of Treated Wastewater:

- Irrigation of Green Spaces and Agricultural Crops
- Groundwater Recharging, Industrial Uses

Energy Recovery from Sludge:

- Anaerobic Digestion
- Thermal Conversion : Incineration, Gasification

Axis 3: Control, Treatment and Valorization of Gaseous Effluents and Polluting Emissions

Air Pollutants:

- Primary Pollutants and Secondary Pollutants

Analysis, Control and Characterization of Gaseous Pollutants Emissions into the Atmosphere:

- Air Samples, Continuous Measurements
- Dispersion Modeling

Gaseous Effluent Depollution Techniques:

- Capture at Source and Wet processing
- Dry Treatment, Incineration and Catalysis

The Dispersion of Gaseous Discharges and Effluents in the Atmosphere:

- Assess the Impact of Emissions on Air Quality
- Plan Emission Control
- Develop Air Quality Management Strategies)

Scientific Committee

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Ms SAIFI Ilhem, ENSET-Skikda

Keynote Speakers

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- Pr MOKRANI Cheikh, University of M'-Sila
- Pr MAZOUZI Smain, University of Skikda
- Pr BELOUETTAR Redjem, University of Annaba
- Pr HOUHAMDI Moussa, University of Guelma
- Pr CHIHA Mahdi, University of Skikda

Participation fee

Category	Fee
Students	2000 DA
Teachers/researchers	3000 DA
Socio-economic actors/others	5000 DA

Submission



Please submit your papers electronically in PDF format using the CSMWEE-2024 CMT link: <https://cmt3.research.microsoft.com/CSMWEE2024>