

The 1st International Conference on Renewable Solutions for Ecosystems: Towards a Sustainable Energy Transition

ICRSEtoSET 2023

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Submission Link : <https://cmt3.research.microsoft.com/ICRSEtoSET2023>

A. Sustainable renewable energy systems

- Batteries and energy storage
- Energy supply conversion
- renewable energy saving
- Energy efficiency
- Biomass energies
- Sustainable energies
- Wind energy
- Geothermal energies
- Hybrid energies
- Hydraulic energies
- Solar energy
- Energy management and quality
- Renewable energy governance

B. Agricultural systems and sustainability

- Transformation in agricultural systems
- Agricultural Biotechnologies
- Economy and food security
- Emergence of renewable energies
- Renewable energies in agriculture
- Farms with sustainability
- Energy management in agricultural areas
- Renewable innovation and applications
- Environmental quality of resources
- Smart energy agriculture networks
- Sustainable agricultural systems
- Sustainable farming systems
- Sustainable food systems

E. Diagnosis of failures in renewable energy systems

- Intelligent data acquisition
- Failures analysis
- Life cycle of renewable energy systems
- Faults detection and identification
- Diagnosis and fault tolerant control
- Diagnosis and monitoring systems
- Renewable energy systems reliability
- Maintenance of energy systems
- Decision making on diagnosis
- Supervision of smart irrigation systems
- Supervision of water treatment systems
- Autonomous systems
- Renewable energy monitoring systems

D. Supply and management of water resources

- Desalination and water treatment
- Water and renewable energies
- Watershed management
- Water treatment management
- Groundwater management
- Smart pumping and irrigation
- Protection of water resources
- Quality of drinking water
- Water quality
- Water recovery
- Water recycling and reuse
- Emission sources
- Environmental technologies of treatment

F. Sustainable materials and equipment

- Sustainable heating and cooling
- Air conditioning with renewable energies
- Sizing of renewable energy equipment
- Green equipment and technologies
- Green manufacturing
- Hydrogen and fuel cell
- Renewable hydrogen
- Insulation and energy efficiency
- Photovoltaic materials and cells
- New durable materials
- Energy security systems
- Green and clean technologies
- Smart cities and buildings

C. Environmental impacts

- Environmental and climate change
- Detection of hazardous substances
- Dynamics and environmental sustainability
- Gas emissions
- Sustainable energy and environment
- Waste and residue management
- Ecosystem management
- Sustainable management of resources
- Hydrology and ecosystems
- Impact and ecological engineering
- Pollution and waste treatment
- Global warming
- Smart sustainable cities

Djelfa University

LAADI

Laboratoire

d'Automatique Appliquée

et Diagnostics Industriels

Paper Submission

Papers must be written in English and should describe the work in detail. Please download the template from the

ICRSEtoSET 2023 website: <http://www.univ-djelfa.dz/icrsetoset/>

Paper submission is through: <https://cmt3.research.microsoft.com/ICRSEtoSET2023>

Accepted and presented, peer-reviewed papers will be published in proceedings that will be included and indexed on

[IEEE Xplore](#)

For any requests or further information concerning the full paper submission, please do not hesitate to contact the

ICRSEtoSET secretariat at : laadi@univ-djelfa.dz

Important Dates :

Paper Submission will be opened on: July 15, 2022

Paper Submission Deadline: December 30, 2022

Notification of Acceptance: February 28, 2023

Final Paper Submission Deadline: March 20, 2023



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