ICoWEFS 2021

INTERNATIONAL CONFERENCE ON WATER ENERGY FOOD AND SUSTAINABILITY

MAY 10-12, 2021
LEIRIA, PORTUGAL

CONFERENCE

The International Conference on Water Energy Food and Sustainability, taking place in Leiria, Portugal, aims to be a major forum to foster innovation and exchange knowledge in the water-energy-food nexus, embracing the Sustainable Development Goals (SDGs) of the United Nations, bringing together leading academics, researchers and industrial experts. The conference expects to foster networking and collaboration among participants to advance the knowledge and identify major trends in the abovementioned fields.

The world is facing unprecedented challenges to mitigate climate change and adapt to its negative impacts, affecting global economy and society. Europe intends to take the lead on the transition to sustainability, as a chief priority of Horizon Europe is a European Green Deal to transform Europe in a climate-neutral continent, fostering disruptive innovation and the deployment of new technologies and innovative solutions, helping creating a sustainable future.

Innovation regarding water, energy, agrifood, bio-economy, natural resources and environment will speed up the transition towards sustainability, promoting water and food security in the world.

A climate-neutral continent by 2050 will drive technological, economic and societal transformations towards circular economies and green and clean technologies, and the decarbonisation of energy-intensive industries.

The conference will be held in a mix/hybrid modality: in-person and online.

https://icowefs.ipleiria.pt/

CONFERENCE TOPICS

WATER

Water and Circular Economy

Water Consumption of Urban and Industrial Systems

Water Governance Challenges

Climate change in the Water Sector

Future trends in Water Security

Energy Needs for the Water Sector

Resilience to water-related risks

Water Resources Integrated Management

Waste Water management

Water Supply management

Water Microbiology

Green Technologies for Sustainable Water resources

Water Efficiency

Water 4.0

ENERGY

Energy for Urban and Industrial Systems

Energy Governance Challenges

Energy and Circular Economy

Decarbonisation and Future Energy Systems

Energy-Saving Technologies

Biofuels Technologies and Applications

Waste Biorefining initiatives

Smart Technologies in Sustainable Energy Production Systems

Future hybrid local energy generation

Energy 4.0

AGRIFOOD

Sustainable Agriculture

Smart Technology in Greenhouses

Robotics in Future Farms

Climate change and sustainable food production

Sustainable Ingredients and Novel Food Processing Technologies

Food Analysis, Food Safety and Health

Sustainable Packaging and Eco-labels

Food Security and Food Waste

Sustainable Diet and Human Health

Circular systems for rural and urban food

Waste materials for bio-based production

Sustainable Food Supply Chain Management

AgriFood Industry 4.0

Precision agriculture

Nanotechnology Applications in Agriculture

Plant technology

SUSTAINABILITY

Bioeconomy Sustainability Impacts and Policies

Cyber-Physical Systems for Sustainability

Impacts of Global and Regional Climate Change

Integrated Ecosystems Management

Biomimetics/Nature-Based Solutions

Resource Efficiency in a Circular Bioeconomy

National, Regional and Local Bioeconomy Strategies

Sustainable Development Goals Implementation

Monitoring and evaluation in a digital environmental

Green Materials for Sustainable Buildings

Sustainable 3D printing materials

Sustainable cities

IMPORTANT DATES

ABSTRACT SUBMISSION
31 December 2020

NOTIFICATION OF ACCEPTANCE
06 January 2021

FULL PAPER SUBMISSION
03 February 2021

ACCEPTANCE NOTIFICATION
17 February 2021

REVISED FULL PAPER SUBMISSION
03 March 2021

EARLY BIRD REGISTRATION
15 March 2021

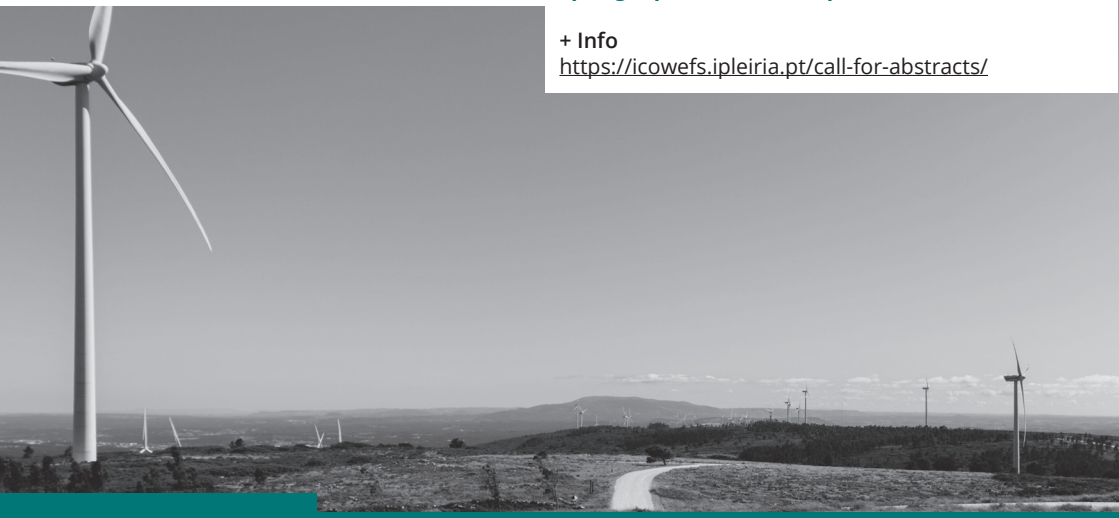
REGISTRATION DEADLINE
12 April 2021

ICOWEFS'2021 CONFERENCE OPENING
10 May 2021

Each author may submit a maximum of **two abstracts** for either oral or poster presentations.

All submissions will be **peer-reviewed** and accepted articles will be published in a conference proceedings **book with ISBN** and indexed by the **Springer publisher on Scopus.**

+ Info
https://icowefs.ipleiria.pt/call-for-abstracts/



IN-PERSON MODALITY REGISTRATION FEES

	Early Bird	Normal
Regular Participant	370€	420€
Students*	200€	250€
Accompanying Persons for the conference	100€	150€
Accompanying Persons for the Gala Dinner	65€	65€

ON-LINE MODALITY REGISTRATION FEES

	Early Bird	Normal
Regular Participant	220€	250€
Students*	120€	150€

(*) A valid student identification card or a letter from the Head of Department/Supervisor confirming student status must be sent to the conference secretariat after submitting the registration form by e-mail.

Email
icowefs.conference@ipleiria.pt

VENUE

Leiria is a beautiful historical city with a striking royal castle, built in 1135 by the first king of Portugal, Dom Afonso Henriques, located one hour north from Lisbon, close to the Atlantic Ocean and the Sanctuary of Fatima. Leiria region was the setting of several cortes (feudal parliaments) in the 13th and 14th century. The wood from Leiria region pine tree forests were used to build the ships used in the Portuguese Navigations in the 15th and 16th centuries. In the 20th century, its strategic position in the Portuguese territory favored the development of a strong industrial cluster.

May is still a great time to visit Centre of Portugal. The temperature is quite mild and is the most flowery season of the year, which is very pleasant for walks and hikes outdoors. You can enjoy the delicious food, taste the great wines, visit the religious area of Fatima, the area of Big Waves in Nazaré, the highest mountain range in Continental Portugal and make a pleasant visit to a splendid region with a great heritage buildings and History.

OFFICIAL SPONSORS

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