

Website address:

<https://www.biooekonomie-bw.de/en/events/8th-international-conference-sustainable-solid-waste-management>



8th International Conference on Sustainable Solid Waste Management

Date:

23-Jun-2021 - 26-Jun-2021

Venue:

Online

Costs:

fee required

Type:

Congress/Symposia

Organiser:

Unit of Environmental Science & Technology
School of Chemical Engineering
National Technical University of Athens

Contact:

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Language:

English

Links:

[➔ THESSALONIKI 2021 - 8th International Conference on Sustainable Solid Waste Management](#)

THESSALONIKI 2021 Conference goes virtual due to COVID-19 restrictions.

The Conference aims to address the significant issue of sustainable solid waste management through the promotion of safe practices & effective technologies. The Conference focuses mainly

on modern solid waste technologies. It aims to stimulate the interest of scientists and citizens and inform them about the latest developments in the field of municipal solid waste management. Separation at source, Biological Treatment, the treatment at central facilities, waste prevention, biowaste utilization, recycling promotion, Waste-to-energy technologies & energy recovery, smart technologies for waste management, sludge management, agricultural and livestock waste, management of specific waste streams (construction & demolition waste, waste from electrical and electronic equipment, etc.), biotechnology, Best Available techniques, symbiosis networks, energy consumption and saving, carbon footprint and water footprint, zero-waste initiatives, plastics and bioplastics, marine litter constitute main conference subjects. Special attention will be drawn to the valorization prospects & the products from solid waste, such as: biofuels, compost, materials, etc. It is also our ambition to strengthen the link of the applied research with industry. Hazardous waste & Household hazardous waste also constitute target area of the conference. Emphasis will be placed on circular economy in all key action areas (production, consumption, waste management, secondary raw materials, innovation, investment & monitoring) and all priority sectors (food waste, plastics, biomass and bio-based-products, construction & demolition waste, critical raw materials), as well as waste management issues and resource efficiency in islands and generally isolated and remote areas.

Special focus will be given to Biogas and Anaerobic Digestion. It is noted that the World Biogas Association represented Mr. David Newman, President, is co-organiser of the THESSALONIKI 2020 Conference. Join our brainstorming sessions chaired by Prof. Spyros Pavlostathis (Georgia Institute of Technology, Atlanta) & Prof. David Bolzonella (University of Verona) on the latest advances in the field of anaerobic digestion by submitting your abstract on AD. Indicatively, potential authors can address AD related issues such as:

- Biogas: upgrading & utilization
- Emerging AD technology, design, pretreatment, process control and modelling
- Biorefineries including AD
- Biohydrogen production
- Valorization routes & prospects for digestate
- High rate anaerobic wastewater treatment
- LCA and techno-economic analysis

The extensive Waste-to-Energy Sessions will be chaired by Prof. Marco Castaldi (City University of New York), Chair of the U.S. Waste to Energy Research and Technology Council (WtERT-US) & Prof. Nickolas Themelis (Columbia University), Chair of the Global Waste to Energy Research and Technology Council (GWC).

The Conference will provide an opportunity to bring together scientists & professionals from government departments, industries, Municipalities, private institutions, research & education institutions, being a forum for the exchange of the most recent ideas, techniques & experiences in all areas of solid waste management. A special full one-day workshop will also focus on representatives of local authorities and municipalities in order to promote integrated solid waste management schemes.

Source

THESSALONIKI 2021

