



National
Technical
University
of Athens



CYPRUS2025

25-28 JUNE
PAPHOS, CYPRUS
cyprus2025.uest.gr

12th International Conference on Sustainable Solid Waste Management





OBJECTIVE

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.**

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.

CONFERENCE TOPICS

Topics of interest include but are not limited to:

- › Solar technologies to enable and encompass sustainability and circularity in the energy sector
- › Circular economy
- › Source separation schemes for solid waste
- › Biological treatment techniques (composting & anaerobic digestion)
- › Waste-to-energy technologies & Energy from Waste (biomass, oil sludge, syngas, etc.)
- › Recycling & Resources Recovery
- › EU policies and strategies for solid waste management
- › Solid waste prevention techniques
- › Household solid waste treatment technologies
- › Socio-economic issues related to solid waste management
- › Household solid waste collection techniques
- › Integrated management in islands & other isolated areas
- › Characterization of waste residues
- › Smart technologies & Decision support tools in the waste management field
- › Symbiosis and Network
- › Waste valorisation
- › Carbon & water footprint
- › Water circular economy
- › Recovery of materials from wastewater & sludge
- › Energy saving
- › Energy Efficiency and Energy Saving Potential in Industry
- › Food Economy, Policy and Culture
- › Environmental assessment and management in the food Industry
- › Environmental footprint analysis in the food sector
- › Energy-land-food-water nexus
- › Hydrogen: solutions & innovations for H2 production, efficient storage, distribution & applications
- › LCA as a decision support tool in policy making in the food Industry
- › Food waste management and bio-economy
- › Circular economy and resource efficiency in the food industry
- › Business models and investment for tomorrow's food systems
- › Marine Litter
- › Hazardous Waste
- › Biorefineries
- › Biotechnology
- › Management of specific waste streams (construction & demolition waste, WEEE, etc)
- › Sludge management
- › Agricultural and/or livestock waste
- › Flows of multi-sized (macro-, micro- and nano-) plastic waste, including current management strategies
- › Toxicity and eco-toxicity of multi-sized plastic waste particles (especially at long-term / high exposure)
- › Eco-efficient solutions to reduce plastic waste's impacts:
- › Plastic waste environmental impacts: assessment and prediction
- › Multi-actors approaches and stakeholders behaviour related to plastic waste such as consumer perception, policy makers awareness, industrial lobbying, legislation and R&D investments etc
- › Brine Management & Treatment
- › Metal / salt recovery from brine
- › Networking session for projects dealing with biowaste
- › Networking session for projects dealing with plastics, paper, metals, glass
- › Networking session for projects dealing with water circular economy, wastewater & brine management
- › Biomethane, Methanol and other sustainable biofuels
- › Sustainable Aviation Fuels

SCIENTIFIC COMMITTEE

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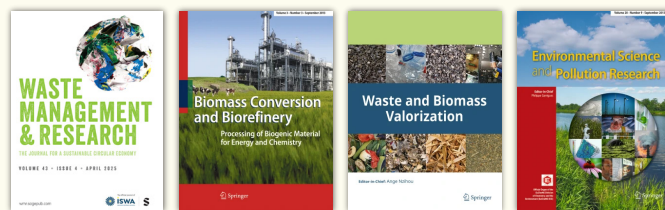
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Stavroula Klempetsani, National Technical University of Athens

Publications

High quality **CYPRUS 2025** papers will be published after evaluation in:

- Waste Management & Research (SAGE, Impact Factor: 3.7) in collaboration with Prof. Costas Velis, Editor-in-Chief
- a Special Issue of BIOMASS CONVERSION AND BIOREFINERY (Springer, Impact Factor: 3.5)
- a Special Issue of WASTE AND BIOMASS VALORIZATION (SPRINGER, Impact Factor: 2.6) in collaboration with Prof. Ange Nzihou, Editor-in-Chief of the Journal
- a Special Issue of ENVIRONMENTAL SCIENCE & POLLUTION RESEARCH (Springer) with title: "Sustainable waste management in circular cities"



Call for Papers

Authors are invited to submit an extended abstract of maximum 2 pages in English, including figures and tables (as MS Word file). The abstracts can be submitted electronically via the specific form no later than 28th February 2025.

Abstracts will be accepted based on quality, originality and relevance to the conference themes. All accepted papers will be published as the conference proceedings (in electronic form), while the high quality papers after evaluation will be published in collaborating scientific journals. We look forward to receiving your paper and we hope to see you actively taking part in the CYPRUS 2025 Conference.

Paper Submissions

After the end of the review process of the abstracts, the authors of the papers accepted for oral and poster presentation are asked to submit a full paper with maximum length of 12 pages. Please send the full paper by email to konmoust@central.ntua.gr until 14th May 2025 at the latest.

Important Deadlines

15 October 2024	First call for papers
30 November 2024	Second call for papers
28 February 2025	Extended Deadline for abstract submission
15 March 2025	Notification of abstract acceptance
20 March 2025	Deadline for Early bird registration
14 April 2025	Deadline for registration of authors
14 April 2025	Deadline for submission of full papers
14 May 2025	Deadline for submission of posters with 3-min presentation

Keynote Speakers



Arnoldas Milukas



Carsten Rasmussen



Maria Georgiadou



Nicolas Abatzoglou



Stephen Smith



Ange Nzihou

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