

SARDINIA2021

HYBRID EVENT / 11-15 OCTOBER 2021 / FORTE VILLAGE (IT)

18th INTERNATIONAL SYMPOSIUM ON WASTE MANAGEMENT AND SUSTAINABLE LANDFILLING

IN PERSON

HYBRID

VIRTUAL

organised by: IWWG / International Waste Working Group
with the scientific support of: University of Padova (IT) / Lulea University of Technology (SE) / Hamburg University of Technology (DE) / Fukuoka University (JP) / Tongji University (CN)
contacts: EUROWASTE SRL / Padova (IT) / +39 049 8726986 / info@sardiniasymposium.it / www.sardiniasymposium.it

SARDINIA SYMPOSIUM IS GOING HYBRID!

Sardinia 2021 - 18th International Symposium on Waste Management and Sustainable Landfilling, organised by IWWG - International Waste Working Group, will be held from 11th to 15th October 2021 at the Forte Village Resort, Santa Margherita di Pula, Italy, in a hybrid format! Delegates can attend either in person or online from wherever they are in the world.

Delegates will experience all the usual highlights of Sardinia Symposia: leading keynote presentations, 5 parallel oral sessions (see the table), practical labs, poster presentations, commercial exhibition, social events and outstanding networking opportunities. Furthermore, through a powerful virtual platform, participants will also be able to explore live and on-demand content, interact in live streamed Q&A discussions and engage virtually with other professionals.

LATE ABSTRACTS AND SPECIAL ISSUE

Discover our latest open calls and submit your abstracts or workshop proposals. Late abstracts on all conference topics are also welcome. Info at: <https://www.sardiniasymposium.it/en/call-for-abstracts-2021>

NEW! Present your paper and get it published on **Science of the Total Environment by Elsevier (IF 7.963)**.

The journal will publish a Special Issue entitled "Waste Management and Climate Change" based on a set of leading papers selected from Sardinia 2021. Send your proposal using the online form: <https://www.sardiniasymposium.it/en/abstract-form>

HOW TO REGISTER TO THE SYMPOSIUM

Sign up now by filling the registration form available at <https://www.sardiniasymposium.it/en/registration-form>

To encourage broad participation in the conference, organizers are offering lower registration fees for delegates from developing countries and students. Discounts will be applied to group bookings of delegates from the same organisation/institution.

Please visit: <https://www.sardiniasymposium.it/en/entrance-fees>

Registration fees include: access to all conference sessions (oral and poster sessions), participation in the active labs, participation in the scouting sessions on EU Projects, digital Symposium proceedings and conference materials, coffee breaks, evening social events, virtual technical tours, closing Gala Party, access to the exhibition hall, networking, on-demand complete videos in the weeks following the event.

DAILY PASSES AND LOWER ONLINE FEES AVAILABLE! REGISTER NOW AT WWW.SARDINIASYMPOSIUM.IT

PROGRAMME: TABLE OF SESSIONS, WORKSHOPS AND ACTIVE LABS

		OPENING SESSION				
Monday October 11 morning & afternoon	A1 / Minimisation and recycling	B1 / Hydrothermal treatment of organic waste	C1 / Landfill management	D1 / Recovery of resources from sewage sludge	E1 / Active Lab: Sampling of granular waste I	
	A2 / Strategic issues in Circular Economy	B2 / Pyrolysis of specific waste	C2 / Landfill mining	D2 / Workshop: RAWFILL - Material recovery by landfill mining	E2 / Active Lab: Sampling of granular waste II	
Tuesday October 12 morning	A3 / Residues from thermal treatment	B3 / Waste collection	C3 / Landfill leachate quality and treatment	D3 / Workshop: Waste and Health	E3 / Workshop: X-ray fluorescence for rapid waste characterisation	
	A4 / Environmental issues in thermal treatment	B4 / Waste characterisation in view of recycling	C4 / Leachate emissions from landfills	D4 / Workshop: Socio-economic and environmental aspects of food waste management	E4 / Workshop: Waste biorefinery	
Tuesday October 12 afternoon	A5 / Food waste characterisation	B5 / Assessment of specific WEEE in WM systems	C5 / Landfill gas quality and management	D5 / Production and use of biochar	E5 / Active Lab: Crime scene analysis I	
	A6 / Food waste management	B6 / Strategies & cases in WEEE management	C6 / Gas emissions from landfills	D6 / Circularity in Waste Architecture	E6 / Active Lab: Crime scene analysis II	
Companies session / Aperitech						
Wednesday October 13 morning	A7 / Tools for Sustainable Landfilling	B7 / Management of Construction & Demolition Waste	C7 / Anaerobic digestion strategies	D7 / Workshop: Sorting processes in waste management	E7 / Workshop: Occurrence of PFAS and POP's in waste	
	A8 / Effects of aeration on landfill emissions	B8 / Recycling of waste in building materials	C8 / Anaerobic digestion: processes and technology	D8 / Workshop: Education in WM and global environmental issue	E8 / Workshop: Bioplastics in WM: Solution or new problem	
Wednesday October 13 afternoon	A9 / Bioenergy from waste and biomass	B9 / Characterisation of plastics	C9 / Landfill cover systems	D9 / Workshop: Management of C&D Waste I	E9 / Active Lab: Direct test methods for hazardous waste classification I	
	A10 / Strategies for plastics recycling	B10 / Healthcare waste during COVID-19 pandemic	C10 / Methane oxidation	D10 / Workshop: Management of C&D Waste II	E10 / Active Lab: Direct test methods for hazardous waste classification II	
Companies session / Aperitech						
Thursday October 14 morning	A11 / Occurrence of micro- and macro-plastics in the environment	B11 / Minimisation & recycling of food waste packaging	C11 / Geotechnical issues	D11 / Workshop: Data management and digitalization of landfills I	E11 / Workshop: Implementation of circular economy in construction	
	A12 / Post-use behaviour of plastics	B12 / Useful application of different residual materials	C12 / Hydraulic issues in landfilling	D12 / Workshop: Data management and digitalization of landfills II	E12 / Workshop: Performance of methane oxidation systems	
Thursday October 14 afternoon	A13 / Carbon capture in thermal treatment plants	B13 / Recycling of textile waste	C13 / Composting: challenges and opportunities	D13 / Workshop: Geosynthetics use in barrier systems I	E13 / Active Lab: Sampling and analysis of microplastics I	
	A14 / Climate change and waste management	B14 / Recycling of industrial waste	C14 / Use of compost in agriculture	D14 / Workshop: Geosynthetics use in barrier systems II	E14 / Active Lab: Sampling and analysis of microplastics II	
Friday October 15 morning	A15 / Education and public perception in WM	B15 / Recovery of resources from waste in DC's	C15 / Remediation of contaminated soil	D15 / Workshop: Vermicomposting of sewage sludge and digestate	E15 / Workshop: Textiles in Circular Economy I	
	A16 / Policies in waste management	B16 / WM in DC's: problems and solutions	C16 / Waste & automobiles	D16 / Workshop: Can we release a landfill from aftercare?	E16 / Workshop: Textiles in Circular Economy II	

Waste characterization, minimization & recycling
Sanitary landfilling
Thermal treatment
Special and Industrial waste
Environmental issues
Non technical issues
WM in DC's
Biological treatment

DETAILED PROGRAMME AVAILABLE ON THE WEBSITE: www.sardiniasymposium.it