

4th Online International Conference on Recycling and Waste Management

Day 1 - March 28, 2022 BRITISH SUMMER TIME (BST) - STARTS FROM 11:00 AM

11:00 - 11:15 Opening Ceremony and Introduction

Oral Presentations

11:15 - 11:35 Sustainability of recycled glass in 3D construction printing
Yi Wei Daniel Tay, Nanyang Technological University, Singapore

11:35 - 11:55 Demonstration of packaging product solutions based on transformed hop waste
Kristina Sukova, TRIDAS s. r. o., Czech Republic

11:55 - 12:15 Composting as the best way to introduce circular economy to hop production
Barbara Čeh, Slovenian Institute of Hop Research and Brewing, Slovenia

12:15 - 12:35 Comparison of different double stage biorefinery schemes on *Eucalyptus Globulus*
Susana Lozano Calvo, University of Huelva, Spain

12:35 - 12:55 Recycling and waste treatment technologies
Klaus Wohnig, APK AG, Germany

Break (12:55 - 13:30)

13:30 - 13:50 Characterization of a tomato genotype able to improve resource use efficiency in water-limited conditions
Silvana Francesca, University of Naples "Federico II", Italy

13:50 - 14:10 Modeling the Above Ground Biomass (AGB) of selected tree species in Nigeria
Oluwafemi Samuel Oyamakin, University of Ibadan, Nigeria

14:10 - 14:30 Seawater acidification affects beta-diversity of benthic communities at a shallow hydrothermal vent in a Mediterranean marine protected area (underwater archaeological park of Baia, Naples, Italy)
Luca Appoloni, Università degli studi di Napoli "Parthenope", Italy

14:30 - 14:50 Net global warming potential as influenced by nitrogen sources for wheat cultivation in Bangladesh
Md Mozammel Haque, Bangladesh Rice Research Institute, Bangladesh

14:50 - 15:10 Application of LCA methodology for evaluating the expanded clay granulate production by using different fuels
Francesca Valenti, University of Catania, Italy

15:10 - 15:30 Temporal and geospatial analysis of potato psyllid incidence for almost a decade-long in Texas
Gabriela Esparza-Diaz, Texas A&M AgriLife Research and Extension Center, USA

Poster Presentations

15:30 - 15:45 Simultaneous investigation and evaluation of the deammonification versus conventional nitrification/denitrification processes in a two-laned landfill leachate treatment pilot plant
Nitesh Babu Annepogu, Cologne University of Applied Sciences (TH Köln), Germany

15:45 - 16:00 Pyrolysis process as an alternative to the valorization of MSW compost in the province of Huelva (Spain)
Sergio Clemente Castro, University of Huelva, Spain

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16:00 - 16:15 Improving rice yield in moderately salt-affected soil by adapted rice varieties and organic manure in the Sourou Valley rice scheme in Burkina Faso
Poulouma Louis YAMEOGO, Institute of the Environment and Agricultural Research/ Institut de l'Environnement et de Recherches Agricoles (INERA), Burkina Faso

16:15 - 16:30 Noble metal ion adsorption on activated carbon supported by microwaves
Karolina Kolczyk-Siedlecka, AGH University of Science and Technology, Poland

Oral Presentations

16:30 - 16:50 A non-destructive method based on a digital photography for the determination of vigor and the vegetative expression of vines
Paula Cristina Oliveira, University of Trás-os-Montes e Alto Douro, Portugal

16:50 - 17:10 Sanitary measures mitigate rodenticides applications in the management of resistant Norway rats (*Rattus norvegicus*) on farms
Alexandra Esther, Julius Kuehn-Institute (JKI), Germany

End of Day 1 Sessions and Closing Ceremony

Day 02 - March 29, 2022

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Keynote Presentations

11:00 - 11:25 Bokashi technology to recycle biowastes into an organic fertilizer
Margit Olle, NPO Veggies Cultivation, Estonia

11:25 - 11:50 Exploration of microbial diversity of mining environment for their ability to extract various metals from low grade reserves
Lala Behari Sukla, Biofuels and Bioprocessing Research Center, Siksha 'O' Anusandhan (Deemed to be University), India

11:50 - 12:15 Climate change and emerging food safety issues in Pakistan
Tahseen Fatima Miano, Sindh Agriculture University, Pakistan

Oral Presentations

12:15 - 12:35 Local railway service and housing value in small towns: Empirical evidence from Italy
Gianluca Mattarocci, Università di Roma Tor vergata, Italy

12:35 - 12:55 Climate change legislation – Need for strong structured institutional law and framework
Prachi Ugle Pimpalkhute, Eco Endeavourers Network, UK

Break: 12:55-13:30

13:30 - 13:50 Municipal solid waste on-farm composting and its use in amelioration of alkali soils
Yash Pal Singh, ICAR-Central Soil Salinity Research Institute, India

13:50 - 14:10 The use of thin films deposited by the ALD method in silicon solar cells
Marek Szindler, Silesian University of Technology, Poland

14:10 - 14:30 Improving the reliability design of mechanical systems such as refrigerator
Seongwoo Woo, Ethiopian Technical University, Ethiopia

14:30 - 14:50 Fungal mannanase production from industrial waste
Hemant Soni, Central Ayurveda Research Institute (CARI), India

14:50 - 15:10 A comparative study based on anaerobic digestion of kitchen waste with wastewater and freshwater
Adya Isha, Indian Institute of Technology Delhi, India

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15:10 - 15:30	Virulence assessment among 114 <i>Ralstonia solanacearum</i> isolates causing bacterial wilt of chili from eight agro-ecological zones of Pakistan Tariq Mukhtar , Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan
15:30 - 15:50	Marine macroalgae cultivation in relation to changes in temperature and wave at the entrance of the Panama Canal, Caribbean Gloria Batista de Vega , Universidad de Panamá, Panama
Poster Presentation	
15:50 - 16:05	Reflections on the impact of the Regiotram western mobility project in Colombia, and Its contribution to the sustainable development of the territory Edgar Ricardo Monroy Vargas , Universidad Piloto de Colombia Colombia

End of Day 2 Sessions, Closing Ceremony and Certificate Felicitacion