
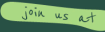



DAY 1-3 SEPTEMBER			
8h30	REGISTRATION		
9h30	<div>Opening Ceremony</div> <div>Manuel Ara de Oliveira – Regional Director for Environment and the Sea Sílvio Moreira Fernandes – Rector of the University of Madeira Amílcar Gonçalves – President of the Madeira Water and Waste Company (ARM) Rui Caldeira – President of the Regional Agency for the Development of Research, Technology and Innovation Cândida Vilarinho – Chair of the Organizing Committee of Wastes 2025</div> <div>Room: Auditorium</div> <div>Plenary Session I</div>		
10h00	<div>From Data to Action: Leveraging the EU4S Madeira Super-Site for Wastewater-Based Health and Environmental Intelligence</div> <div>Ricardo Jardim-Gonçalves, Madeira Super-Site coordinator (IDEA Institute) Faculty of Sciences and Technology, NOVA University of Lisbon/UNINOVA</div> <div>Leading with Sustainable Oxygen: SESARAM's Environmental Commitment</div> <div>Martinha Garcia, Farmácia do Hospital Dr. Nélito Mendonça, Madeira</div> <div>Hospital of the Future: At the forefront of the Green Transition in Public Health</div> <div>Pedro Ramos, Coordinator of the Mission Structure for Health Units, Regional Government of Madeira</div> <div>Room: Auditorium - Chair: Cândida Vilarinho</div>		
10h45	Coffee break		
	Room Auditorium - Chair: Joel Oliveira	Room Lagoon I and II - Chair: Ana Júlia Cavaleiro	Room Lagoon III - Chair: Catarina Nobre
	Session A1: Recycling of wastes and resources recovery	Session B1: Waste-to-Energy Technologies	Session C1: Sustainable Waste Valorization Techniques
11h15	Maia, J. (75) Integrated characterization of a high-performance concrete with glass powder incorporation	Quina, M. (181) Anaerobic co-digestion for managing multiple industrial agro-residues while generating energy	Batista, C. (265) Enhancing sustainability in additive manufacturing: feedstock from metal chips
11h30	Paiva, H. (1) Synthesis and characterization of silico-aluminophosphate geopolymers produced from copper mine tailings	Maria, C. (174) Biogas power generation from municipal solid waste - challenges and perspectives in Angola	Luciano, A. (164) A sustainable management of volcanic ash: a focus on etna volcano
11h45	Tochetto, G. (111) Incorporation of glass frit on geopolymer fabricated using additive manufacturing for coal-mining water remediation	Costa, L. (93) Micro-Aeration to improve anaerobic digestion of cattle slurry	Kirkelund, G (4) Detoxification of Ferrochrome Slag by Removing Cr with an Electrolytic Method
12h00	Maia J. (74) Incorporation of glass frit on geopolymer fabricated using additive manufacturing for coal-mining water remediation	Bolaños, D. (49) Hydrothermal carbonization of pineapple stubble waste: effect of initial biomass properties on the heating value and energy yield of the resulting hydrochar	Bejda, T. (27) Use of ferruginous sludge from water treatment processes for adsorption of aqueous and gaseous pollutants
12h15	Lopes, M. (80) Inclined plane shear behaviour of aggregate-geotextile interfaces: incinerator bottom ash vs. natural aggregate	Santos, A. (22) Boosting sustainable biogas production from sauce industry	Dosta, J. (89) Acidogenic fermentation of biowaste coupled with a gas permeable membrane to produce a VFA-rich liquid with high C/N ratio for polyhydroxyalkanoates production
12h30	Mancini, G. (160) Maximizing material and energy recovery processes through Industrial symbiosis within the waste-wastewater-energy nexus		Costa, M. (73) Sustainable removal of boron from aqueous media using carob kibble waste modified by calcium chloride
12h45	Lunch		
14h15	<div>Plenary Session II</div> <div>CIRCULAR BIOECONOMY: A KEY OPTION?</div> <div>João Nunes – BLC3 Association - Technology and Innovation Campus (Portugal)</div> <div>Room: Auditorium - Chair: Margarida Gonçalves</div>		
	Room Auditorium - Chair: Fernando Castro	Room Lagoon I and II - Chair: Luciana Pereira	Room Lagoon III - Chair: José Góis
	Session D1: Wastes as Critical Raw Materials Resource	Session E1: Food waste management and bioeconomy	Session F1: Environmental, economic and social aspects in waste management
15h00	Schaeffer, N. (53) Selective Precipitation of Gold	Fonseca, F. (17) From waste to value: Valorization of purple onion peel as a textile bio-dye	Góis, J. (88) Packaging, and explosives and pyrotechnics waste - balancing safety and waste policies
15h15	Braga, F. (19) Valorization of waste tantalum capacitors through the recovery of critical and valuable metals	Ribeiro, L. (67) Sustainable ethylene glycol production from cellulose over fruit peel waste-derived carbon supported Ni-W catalysts	Silva, A. (249) A hybrid approach for waste collection: Integrating heuristic and metaheuristic algorithms from or-tools
15h30	Passos, H. (122) New hydrometallurgical processes for the recovery of valuable and critical metals from e-waste	Tudella, J. (171) Valorization of agro-industrial wine residues through extraction with green solvents	Ana, J. (144) Mapping Biowaste Generation: A Spatial Decision-making Framework for Implementation of EU Directive 2018/851
15h45	Paiva, A. (66) Palladium recycling from spent catalysts by solvent extraction	Scarpioni, P. (103) Secondary high value product synthesis by <i>Chlorella</i> sp. using watermelon waste	Ribeiro, A. (225) Techno-economic analysis (TEA) of pig meat processing wastes valorisation
16h00	Ntuli, F. (71) Electrodialytic treatment of incinerated sewage sludge ash (ISSA) for heavy metal recovery: a sustainable approach to resource recovery	Vilarinho, I. (114) Rice husk ash valorization in one-part alkali-activated materials	Fältström, E. (138) Creating incentives to reduce plastic in industrial waste bound for incineration using the measurement system fossilyle
16h15	Carvalho, R. (135) Recovery of platinum group metals from aqueous solutions using membrane filtration	Ferreira, D. (166) Sustainable valorization of wheat by-products through a green bioprocessing	Kouvo, P. (143) Effect of household source separation regulations to packaging waste and biowaste content of the mixed waste
16h30-17h30	<div>Poster Session</div> <div>(All posters must remain displayed until the end of the conference.)</div>		
18h30-20h00	<div>Sunset Cocktail – Nini Design Centre</div> <div>(1,7km from Vidamar Hotel : 20 min walk)</div>		

<div> <div>  <div>7th International Conference</div> </div> <div>  <div>WASTES</div> </div> <div> <div>SOLUTIONS TREATMENTS OPPORTUNITIES</div> </div> </div> <div> <div>FUNCHAL, MADEIRA – VIDAMAR HOTEL</div> <div>3 – 5 SEPTEMBER 2025</div> </div> <div>  </div> <div>  </div>			
DAY 2 - 4 SEPTEMBER			
9h15	<div>Plenary Session III</div> <div>CAN WE CONTINUE GROWING WITHIN LIMITS? WHEN CHANGE IS MORE IMPORTANT THAN IMPROVEMENT</div> <div>Pablo Kroff - Senior Consultant (Chile)</div> <div>Room: Auditorium - Chair: Fernando Castro</div>		
	Room Auditorium - Chair: João Monteiro	Room Lagoon I and II - Chair: Raúl Figueiro	Room Lagoon III - Chair: Conceição Paiva
10h00	Session A2: Marine Pollution and Bioinvasions	Session B2: Sustainable waste valorisation technologies	Session C2: Plastic waste impacts, management strategies and solutions
	Narayan, A. (125) Water quality monitoring program: insights from coastal, beaches, marina, and freshwater-seawater interactions on Madeira Island, Portugal	Cumbane, B. (194) Assessment of waste derived amendments for the in situ stabilization of acid soils from a pyrite mine	Heleno, L. (82) Separation of plastic waste by dissolution/precipitation process with green solvents
10h15	Keshmirshakan, A. (140) Valorization of wastes from the codfish-processing industry: collagen type I recovery using eutectic solvents	Assis, A.C. (153) Study of Phenol adsorption on to adsorbents from thermochemical processes	Muchangos, L. (95) Waste trade and Circular Economy - examining the plastic waste trade in Africa
10h30	Ribeiro, A. (227) Identification of companies and characterization of marine plastics recycling technologies	Fernandes, A. (13) Multifunctional textiles developed by agroindustrial wastes valorization	Roman, F. (119) Sustainable carbon nanotubes derived from plastic solid waste
10h45	Valério, N. (218) Ecotoxicological study of canned tuna organic waste	Silva, A. (232) Fully Bio-based Textile Printing Pastes: Waste into Resources	Alves, A. (187) Assessing the current situation to design a sustainable management model for agricultural plastic waste
11h00	Coffee Break		
	Room Auditorium - Chair: Carlos Nogueira	Room Lagoon I and II - Chair: André Ribeiro	Room Lagoon III - Chair: Maria de Lurdes Lopes
	Session D2: Management of waste streams	Session E2: Life cycle assessment and carbon footprint	Session F2: Sustainable waste valorisation technologies
11h30	Genduso, M. (136) Metal recovery from e-waste by clays and activated carbon	Mata, T.(6) Life cycle assessment of white agglomerated cork panels: environmental impacts and waste reduction opportunities	Aguilar, I. (242) Valorization of paraffin wax waste in cement mortars: physical and mechanical behavior
11h45	Silva, A.R. (252) Exploring anaerobic digestion for textile residues treatment and valorization	Lapa, N. (35) Life cycle assessment and energy balance of bioH2 and biogas produced from food wastes in a two-stage bioreactor	Castro, F. (246) Cement and concrete artifacts as a way to promote sustainable waste management
12h00	Fernandes, A. (60) Bio-based textile coatings developed by valorization of textile waste and incorporation of bacterial cellulose	Borsoi G., (84) LCA and LCC of tetrahedrite-based thermoelectric devices developed within the start project	Lodeiro, I. (32) Fabrication of more sustainable hybrid alkaline cements using biomass ashes
12h15	Sydow, M. (237) CREOSOLVE project – Disposal of used wooden railway sleepers and other creosote oil treated components using various biological methods	Anwar, T. (139) Life cycle assessment and techno-economic analysis of waste stream reincorporation in industrial scale tomato-based sauce production	Capela, M.N. (117) Impact of blowing agent and alkaline activator content on the properties of porous waste-based one-part alkali-activated materials
12h30	Ntuli, F. (72) Electrodialytic treatment of incinerated municipality solid waste (IMSW) for resource recovery	Soares, A.C. (37) Development of sustainable rice husk biocomposites: a life cycle assessment approach	Fernandez, L. (272) Low-carbon mortars: the potential of textile waste as a co-product
12h45	Lunch		
14h.15	<div>Plenary Session IV</div> <div>ADVANCING METHODS AND TOOLS TO STUDY, SURVEY AND MONITOR MARINE LITTER POLLUTION</div> <div>João Monteiro - University of Madeira (Portugal)</div> <div>Room: Auditorium - Chair: Caroline Ferreira</div>		
	Room Auditorium - Chair: Cândida Vilarinho	Room Lagoon I and II - Chair: Nuno Lapa	Room Lagoon III - Chair: Jorge Araújo
15h00	Session G2: Circular economy and industrial symbioses	Session H2: Waste-to-energy technologies	Session I2: Sustainable waste valorisation technologies
	Jorio M. (236) Decision-support frameworks for industrial symbiosis practices in photovoltaic waste management	Rodrigues, P.(116) Biogas production from winery by-products: An evaluation of biochemical methane potential and kinetics	Barros, A. (201) Enzymatic Treatment of apple pomace: Enhancing bioactive properties for food and nutraceutical applications
15h15	Oliveira, J. (96) Advancing circular economy in pavement engineering: a study of 50% recycled asphalt mixtures for full-scale applications	Brito, P. (152) BioLP6 production and market dynamics	Sans, C. (207) Optimized vineyard waste biochar for continuous fixed-bed adsorption of micropollutants in wastewater
15h30	Gailbor, N. (256) From waste to chitin: valorization of shrimp shell in Ecuador through circular bioeconomy	Pacheco, N. (219) Plasma gasification of sewage sludge - Mass and energy balance	Barros, D.(273) Sustainable packaging materials: reinforcement of recycled HDPE with slate waste for improved mechanical and barrier properties
15h45	Reis, A. (228) Valorizing winery wastewaters and wine fermentation CO2 for sustainable solutions aiming at implementing a new circular economy business model: a mini-review	Fragoso, R. (169) RE-FEED: Renewable energy production at farm level for energy efficiency and defossilization	Oliveira, V.(254) Dual Recovery of Mineral nutrients and organic compounds from swine slurry using electrodialytic
16h00	Genisheva, Z. (220) Ecofishal - Integrated strategy for the valorization of fish by-products towards a zero waste approach	Santos, S. (149) Assessing the influence of refused-derived fuels on the physical and combustion properties of biomass pellets	Ruiz, V. (44) pH dependent leaching characterization of trace elements from 100% waste-based sustainable materials
16h15	Paiva, M. C.(257) Evaluation of the recycling potential of PC/ABS injection molded automotive parts to stimulate circularity practices		Skalny, M. (43) Characterization and valorization opportunities for water decarbonization sludge
16h30	Coffee break		
	Room Auditorium - Chair: Paulo Brito	Room Lagoon I and II - Chair: Joana Carvalho	Room Lagoon III - Chair: Margarida Quina
	Session J2: Recycling of wastes and resources recovery	Session K2: Food waste management and bioeconomy	Session L2: Sustainable waste valorisation technologies
17h00	Nogueira, C. (141) Lithium-ion battery recycling by physical processing: Evaluation of recovery and metal content in shredding and sieving operations	Ventura, S. (38) Applying green propolis as a co-product of honey production to develop an aqueous aerosol with antimicrobial activity	Barbosa, S. (251) Optimizing anaerobic treatment of textile wastewater: performance comparison of adapted vs. non-adapted inocula
17h15	Moura, T. (245) Integrating plastic film recycling in product manufacturing: A design study on the reuse of low-density polyethylene	Fonseca F. (79) Valorization of <i>Carapa gualanensis</i> fruit waste as a sustainable source of natural textile dyes	Santos, A. (250) Organic fertilizers based on circular solutions for sustainable agriculture: Nutrients and legal restrictions on manure
17h30	Calado, M.L. (264) Recyclability assessment of PLA-based 3D printing filaments with micronised cellulose and a wax-based additive	Barros, A. (200) Grape stems valorization: Polyphenolic composition and their potential applications in the cosmetic and pharmaceutical industries	Barros, D. (274) Sustainable school furniture: manufacturing new components using PP, wood and slate waste
17h45	Nogueira, A. (24) Machine learning-driven framework for lithium-ion battery recycling	Passos, H. (121) Sustainable processes for chicken feathers valorisation and advanced biomaterials development	Roze, M. (133) The benefits of mechanochemistry for the functionalization of co-products: the example of walnut shell as a clean label emulsifier
18h00		Ventura S. (39) Extraction of betacyanins from food waste using eutectic solvents and pigments stabilization	Dias, C. (181) Turning Lignocellulosic Residues into High-Performance Nanomaterials: Unlocking the Potential of Nanocellulose and Nanolignin
18h15-18h45	<div>Poster Session</div> <div>(All posters must remain displayed until the end of the conference.)</div>		
18h45-23h00	<div>Cabo Girão Visit and Local Cuisine Dinner at the regional restaurant O Lagar</div> <div>(by bus departing and arriving at the Vidamar hotel)</div>		

DAY 3 - 5 SEPTEMBER

	Room Sunset II and III - Chair: Zlatina Genisheva	Room Lagoon I and II - Chair: Óscar Carvalho	Room Lagoon III - Chair: João Pedro Mendonça
	Session A3 : Sustainable waste valorisation technologies	Session B3: Recycling of wastes and resources recovery	Session C3: Environmental, economic and social aspects in waste management
9h30	Oliveira, V. (54) Dual recovery of mineral nutrients and organic compounds from swine slurry using electrodialytic process	Ferreira, S. (172) Sustainable textile waste valorization as new raw materials for knitwear design	Muzasura, W. (268) Municipal role in supporting waste recycling small businesses' resilience in South Africa's circular economy and local economic development
9h45	Andrade, C. (155) Valorization of fisheries and aquaculture wastes in Madeira island: addressing challenges and opportunities	Gaibor, N. (261) Sustainability challenges of lithium-ion batteries and opportunities in recycling and circularity	Rani, S. (167) The future of Fashion: Recycling and sustainable solutions for textile waste
10h00	Silva, T. (165) The potential of microalgae for wine effluent valorisation	Guimarães, R. (5) The influence of particle size on mechanical and thermal properties of 100% recycled EVA composites	Camacho, B. (161) Game, set, design: A collaborative match for social change and resource recovery
10h15	Cruz, V.F. (104) INOVCIRCOLIVE project: Innovating sustainable management of olive oil production surpluses	Soares, M.I. (21) Increasing environmental performance of battery technologies: recycling as key for minimizing critical raw material mining	Rosa, A. (142) Madeira coastal insight service (MCIS) in support of the implementation of EU policies and directives in an outermost region
10h30	Kanungo, T. (239) Integrating satellite observations and ground-based measurements to enhance estimation of fugitive methane emissions from landfills	Carvalho, O. (271) Green vibrations: dynamic stiffness and constitutive modelling of recycled nonwoven materials for sustainable vibration damping in flooring	Rodrigues, P. (77) Public perception and participation in the selective collection of biowaste: a case study in Guarda, Portugal
10h45	Coffee break		
	Room Sunset II and III - Chair: Ana Rita Silva	Room Lagoon I and II - Chair: Jorge Araújo	Room Lagoon III - Chair: Ana Rita Costa
	Session D3: Sustainable waste valorisation technologies	Session E3 : Environmental, economic and social aspects	Session F3 : Circular economy and industrial symbioses
11h15	Clemente, E. (243) Waste-based solar ZVI Fenton like process for persistent microcontaminant removal at pilot scale	Abreu, M. (159) Validation of a GIS model to identify marginal soils in inland Portugal	Oliveira, J. (23) Sustainable pavement rehabilitation using cold in-plant recycling with foamed bitumen: the Portuguese ER 243 case study
11h30	Tsouko E. (266) Protein extraction from renewable by-products and their transformation into biodegradable packaging films: the role of bacterial cellulose as a reinforcing agent	Medeiros, M. (85) Life cycle assessment in process design using laser-based manufacturing technologies	Cwirzen, A. (2) A groundbreaking approach for producing zero emission concrete from recycling waste
11h45	Najafabadi, A. (99) Eco-efficient SCC for buckling-restrained braces: Design, modelling and optimisation	Tavares, C. (18) Selective collection - the importance of recycling bins colors in the European Union (systematic review)	Costa, A.R. (223) Enhancing asphalt performance: Valorising polyurethane waste as a bitumen modifier
12h00	Fajardo, S. (180) Eco-friendly effluent treatment for the cork industry via electrocoagulation using metallic waste electrodes	Russo, S. (62) Recycling practises in colombian banana industries: the ecológica reconectando case study	Nouairi, J. (182) Sustainable geopolymer materials from mine waste for construction and dye removal applications
12h15-12h45	Closing Ceremony and Best Paper Award Cristina Pedra – Câmara Municipal do Funchal* Roland Bachmeier – ACIF- Câmara de Comércio e Indústria da Madeira Micaela Vieira – Startup Madeira Raúl Fangueiro – Universidade do Minho/Fibrenamics Cândida Vilarinho – Universidade do Minho/CVR		
	<u>Room: Lagoon Land II. *to be confirmed</u>		
15h00	Guided visit to the Solid Waste Treatment Facility (ETRS) at Meia Serra, operated by ARM – Águas e Resíduos da Madeira, S.A.		



THEME	TITLE	AUTHOR	Nº
CIRCULAR ECONOMY 1	RECYCLED FIBERS IN 3DPC-A PATH TO CIRCULAR ECONOMY	Varghese, R.; Mala, L.	1.1
	CATALYTIC CONVERSION OF LOPE POWER INTO SUSTAINABLE AVIATION FUEL: A PATHWAY TO CIRCULAR ECONOMY	Costa, M.; Ferreira, K.; Ribeiro, L.; Orfão, J.; Pereira, M. F.	1.2
	CIRCULAR ECONOMY SYNERGIES: LEVERAGING AGRI-FOOD WASTE FOR SUSTAINABLE SHOE MATERIALS	Silva, S.; Ribeiro, T.; Silva, I.; Marçal, S.; Pintado, M.	1.3
	TANGO-CIRCULAR PROJECT: AN OVERVIEW OF THE TRAINING ACTIVITIES IN CIRCULAR ECONOMY IN PORTUGAL	Rico, J. C.; Cruz, V.; Coelho, D.; Dias, A.	1.4
	DEVELOPMENT OF A GEODATABASE TO PROMOTE CIRCULARITY IN WATER AND NUTRIENT RECOVERY FROM MICROALGAE-TREATED WASTEWATER	Silva, T.; Eusébio, A.; Patinha, P.; Quintal, L.; Camacho, D.; Alexandre, J.; Rocha, J.; Reis, A.; Moura, P.	1.5
	QUERCUS ROTUNDFOLIA AND QUERCUS ROBUR SHELLS: NUTRITIONAL VALUE AND CIRCULAR ECONOMY POTENTIAL	Mala, M. L.; Rodrigues, C.; Babo, P.; Pintado, M.	1.6
	FROM WASTE TO RESOURCE: AMORPHOUS PRECIPITATED SILICA FROM COAL FLY ASH	Ritter, M.; Vieira, F.; Nagel-Hassemer, M. E.; Lapoll, F.; Lobo-Raello, M. A.	1.7
LIFE CYCLE ASSESSMENT AND CARBON FOOTPRINT 2	MULTISTAGE VALORIZATION OF FISH BY-PRODUCTS IN SUSTAINABLE BIOPROCESSING FRAMEWORKS: ADVANCING TOWARDS A ZERO-WASTE PARADIGM	Carvalho, J.; Soares, M.; Ribeiro, A.; Valério, N.; Vilarinho, C.; Genisheva, Z.	1.8
	LEVERAGING ON-LIFE CYCLE ASSESSMENT TOWARDS SUPPORTING A SUSTAINABLE PORTUGUESE AGRI-FOOD SYSTEM	Pinto, S.; Fraaga, C.; Gonçalves, R.; Lourenço, E.	2.1
	EVALUATION OF THE ENVIRONMENTAL IMPACTS OF DAIRY MANURE MANAGEMENT THROUGH LIFE CYCLE ASSESSMENT	Santos, L.; Ferreira, M.; Domingos, I.; Oliveira, V.; Rodrigues, C.; Ferreira, A.; Ferreira, J.	2.2
	TRANSFORMING INDUSTRIAL WASTE INTO SUSTAINABLE BUILDING SOLUTIONS: A COMPARATIVE LIFE CYCLE ASSESSMENT	Salas, I.; Oñativ, E.; Muñoz-Rúa, V.; Pérez-Gandarias, I.; Andújar, A.	2.3
	CARBON FOOTPRINT IN URBAN SOLID WASTE COLLECTION: A COMPARISON BETWEEN DIESEL AND ELECTRIC TRUCKS	Soares, E.; Rodrigues, P.; David, F.	2.4
	SCREENING LIFE CYCLE ASSESSMENT APPLIED TO END-OF-LIFE COMPUTERS	Ferreira, M.; Domingos, I.; Santos, L.; Ferreira, J.	2.5
	EVALUATION OF THE ENVIRONMENTAL IMPACTS OF DAIRY MANURE MANAGEMENT THROUGH LIFE CYCLE ASSESSMENT	Santos, L.; Ferreira, M.; Domingos, I.; Oliveira, V.; Rodrigues, C.; Ferreira, A.; Ferreira, J.	2.6
SUSTAINABLE WASTE VALORISATION TECHNOLOGIES 3	SCREENING LIFE CYCLE ASSESSMENT APPLIED TO END-OF-LIFE OF COMPUTERS	Ferreira, M.; Domingos, I.; Ferreira, J.	2.7
	SUSTAINABLE EXTRACTION OF BIOACTIVE PEPTIDES FROM BREWERY SPENT GRAIN	Benati, G.; Ferri, M.; Tassoni, A.	3.1
	EXPLORING SUSTAINABLE CEMENT ALTERNATIVES IN 3D CONCRETE PRINTING THROUGH THE INTEGRATION OF BY-PRODUCTS OR WASTE-DERIVED POWDERS	Telheira, J.; Jesus, M.; Mala, L.; Rangel, B.; Alves, J. L.	3.2
	PREPARATION AND CHARACTERIZATION OF CHITOSAN/MAGNETITE ADSORBENT BEADS AND THEIR EVALUATION OF CAFFEIN REMOVAL FROM AQUEOUS SOLUTION	Salazar, G.; Durán, J.	3.3
	SLATE WASTE INCORPORATION IN PASTE FORMULATIONS FOR 3D PRINTING BY EXTRUSION	Gomes, V.; Rangel, B.; Lino, J.; Telheira, J.	3.4
	LEACHING BEHAVIOR AND CHEMICAL COMPATIBILITY OF INDUSTRIAL BY-PRODUCTS: SUSTAINABLE LINERS FOR WASTE CONTAINMENT SYSTEMS	Marchiori, L.; Morais, M. V.; Albuquerque, A.; Pais, L.; Cavaleiro, V.	3.5
	AGRICULTURAL WASTE APPLIED TO MORTAR AND ITS POTENTIAL FOR 3D CONCRETE PRINTING	Ribeiro, C.; Rangel, B.; Tavares, V.	3.6
	MADEIRA WINE COMPANY'S PATH TO CARBON MITIGATION: STRATEGIES AND PROGRESS IN GHG EMISSION REDUCTIONS	Pereira, V.; Fernandes, C. F.; Albuquerque, F.	3.7
	INNOVATIVE COVER CROP TECHNIQUES: EXPLOITING WINERY WASTE FOR SUSTAINABLE VITICULTURE IN MADEIRA - THE VITACOB PROJECT	Soares, A.; Pereira, V.; Lima, P.; Albuquerque, F.; Dias, T.	3.8
	SUSTAINABLE AMORPHOUS POROUS CARBON FOR EFFICIENT ENVIRONMENTAL CONTAMINANT REMOVAL	Domingos, D.; Dalar, B.; Nagel-Hassemer, M.E.	3.9
	SUSTAINABLE SOLUTION FOR SOFT SOIL STABILIZATION	Martins, L. A.; Correia, A.; Oliveira, P.; Lemos, L.	3.10
	INCORPORATION OF INDUSTRIAL SECONDARY RAW MATERIALS IN PORCELAIN STONEWARE PRODUCTION: PRELIMINARY TESTING AND EVALUATION	Capela, M.; Vilarinho, I.; Moriz, C.; Silva, J.; Batista, S.; Seabra, H. P.; Labrincha, J.; Araújo, C.	3.11
	WASTE-BASED SOLAR PHOTO-FENTON PROCESS FOR PERSISTENT MICROCONTAMINANT REMOVAL AT PILOT SCALE	Clemente, E.; Ruiz-Delegado, A.; Martins, R.; Malato, S.; Oller, I.	3.12
	EFFECT OF THE CRYSTALLINE OR AMORPHOUS NATURE OF Si-RICH WASTES ON THE SUSTAINABLE PRODUCTION OF ZEOLITES	Ritter, M. T.; Carriçoza, R.; Padilla, I.; Romero, M.; Lobo-Raello, M.A.; López-Delegado, A.	3.13
	ENHANCING SUSTAINABILITY IN AGRICULTURE AND FORESTRY THROUGH THE PYRAGRAF PROJECT: A HOLISTIC APPROACH	Longo, A.; Nobre, C.; Brito, P.	3.14
	THERMALLY PROCESSED EGGSHELLS AS A RENEWABLE SOURCE OF CALCIUM CARBONATE FOR INDUSTRIAL USE	Silva, S.; Marçal, S.; Silva, I.; Ribeiro, T.; Pintado, M.	3.15
	TRANSFORMING VINEYARD WASTE INTO HIGH-PERFORMANCE BIOCHAR FOR WASTEWATER MICROPOLLUTANT REMOVAL	Ligart, P.; Aubé, C.; Bayart, B.; Nieto-Sandoval, J.; Marcos, P.; Sans, C.	3.16
	GREEN CHITIN: SUSTAINABILITY AND GREEN METRICS IN CHITIN RECOVERY FROM VARIOUS WASTE SOURCES WITH A FOCUS ON INSECTS	Herrmann, L.; Souza, V.; Fernandes, A. L.	3.17
	PRODUCTION OF SUGAR MONOMERS VIA THE DECOMPOSITION OF LIGNOCELLULOSIC BIOMASS DERIVED FROM CASSAVA UTILIZING ALKALINE HYDROGEN PEROXIDE PRETREATMENT	Hendes, H.; Kalbert, M.; Langbehn, R.; Zanella, E.; Stambuk, B.; Michels, C.; Hassemer, M.	3.18
	BLACK SOLDIER FLY EXUVIAE: EXPLORING THIS RESOURCE FOR CHITIN PRODUCTION	Silva, C.; Bernecourt, A.; Ribeiro, I.; Fernando, A.L.	3.19
WASTES AS CRITICAL RAW MATERIALS RESOURCES 4	BIOREFINERIES SCHEMES BASED ON SEQUENTIAL STAGES OF HYDROTHERMAL TREATMENT AND DELIGNIFICATION WITH DEEP EUTECTIC SOLVENTS	Romani, A.; Rubira, A.; Martins, C.; Celarinos F.; del Río, P.	3.20
	HEPATOPROTECTIVE ANTIOXIDANT EFFECTS OF BIOACTIVE COMPOUNDS FROM VINE PRUNING BY-PRODUCT EXTRACTED VIA STEAM EXPLOSION	Alvarado-López-Viracino, A.; Sidokil, S.; del Río, P.; Rodríguez-Yoldi, H.; Ferreira-Santos, P.	3.21
	SUSTAINABLE VALORIZATION OF RED GRAPE POMACE THROUGH DEEP EUTECTIC SOLVENTS FOR BIOACTIVE COMPOUND EXTRACTION	Gullón, B.; Pérez-Pérez, A.; Ferreira-Santos, P.; Alvarado-López-Viracino, A.; Rodríguez-Martínez, B.; Rodríguez-Rebore, F.; Lobato-Rodríguez, A.; Alola, R.; del Río, P.	3.22
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