

Global Summit on

Recycling and Waste Management

24-25 Mar 2025 | Barcelona, Spain



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Scientific Program

Day 01 | March 24, 2025 | Barcelona, Spain

08:30-09:30	Registrations
09:30-09:45	Opening Ceremony
Keynote Forum	
09:45-10:20	Title: Landscapes of sandy areas along a rainfall gradient of 90-450 mm average rainfall Aaron YAIR , Hebrew University, Israel
10:20-10:55	Title: Global warming's "Six Americas" in agriculture: Exploring farmers' attitudes towards climate change and adaptive and mitigative responses J Arbuckle , Iowa State University Department of Sociology, United States
Refreshments Break @ 10:55-11:15	
11:15-11:50	Title: Objectives and methods of battery recycling: A comprehensive overview Roger Achkar , Global Waste Cleaning Network (GWCN), UK
Speaker Sessions	
Session Chair:	
11:50-12:15	Title: Vulnerability, robustness and sustainability of the operation of the wastewater treatment plant and its importance for the circular economy in the light of climate Vesna Mislej , Jp Vodovod Kanalizacija Snaga, Slovenia
12:15-12:40	Title: Analysis of forest loss in the amazon region from 1990 to 2020 using remote sensing data Tiago Goulart , Earthworm Foundation, Brazil
12:40-13:05	Title: Recent climate change forcings on coastal upwellings and artisanal fishery of <i>Sardinella aurita</i> in Venezuela Alexis Bellorin , Centro Nacional de Investigación de Pesca y Acuicultura (CENIPA), Venezuela
Lunch and Networking Break @ 13:05-13:45	
Speaker Sessions	
Session Chair:	
13:45-14:10	Title: Climate change and agriculture high-quality agricultural development Zhongsheng Guo , Northwestern A&F University, China
14:10-14:35	Title: Analysis of the flooding of coastal areas caused by climate change. Case study on beaches in the provinces of Cadiz and Malaga Antonio Contreras de Villar , Universidad de Cádiz, Spain
14:35-15:00	Title: Project agro2circular and how delamination recycling enables a closed loop recycling of packaging Julien Davin , Saperatec GmbH, Germany
15:00-15:25	Title: Footwear recycling pilot plant as sustainable solution and clean technology for the industry Borja Mateu Romero , INESCOP, Spain

15:25-15:50	Title: Problems and solutions for mechanical recycling of mixed fiber waste from knitted used textiles Magdalena Kohler , Technical University Chemnitz, Germany
Refreshments Break @ 15:50-16:10	
16:10-16:35	Title: Increasing recycled content in circular knitted fabrics with corizon technology Henrike Schmitz , Technische Universität Chemnitz, Germany
16:35-17:00	Title: Topics, trends and perspectives in the research and development on textile circularity Johannes Leis , Sächsisches Textilforschungsinstitut eV Chemnitz (STFI), Germany
17:00-17:25	Title: Transforming waste into art: A creative approach to sustainability Ala Park , Ala Park Design, LLC, United States
Speaker Slots Available	
Poster Presentation	
EP001	Title: Recovery of rare earth elements for environmental catalytic applications Teresa Tavares , University of Minho, Portugal
Panel Discussions & B2B Meeting	
Day 01 End Closing Ceremony	
Day 02 March 25, 2025 Barcelona, Spain	
08:30-09:30	Registrations
09:30-09:45	Opening Ceremony
Speaker Sessions	
Session Chair:	
09:45-10:20	Title: From green waste to biochar: Carbon sink solutions and diverse applications, from construction to cosmetics Mia Chen , Tchar Co Ltd, Taiwan
10:20-10:45	Title: LNG-hydrogen co-firing experiment in domestic boiler Hyunhee Lee , Korea Institute of Energy Research, South Korea
10:45-11:10	Title: Sustainable reuse of lead-acid battery waste for perovskite optoelectronics and solar cells Mariana Berruet , National University of Mar del Plata, Argentina
Refreshments Break @ 11:10-11:30	
11:30-11:55	Title: Extreme value distribution of sea level and statistical estimation theory: An application to the alboran sea José Juan Alonso del Rosario , Universidad de Cádiz, Spain
11:55-12:20	Title: Carboneus and magnetic nanomaterials for oil/hydrocarbons removal from water Thamer Adnan Abdullah , University of Technology, Iraq
12:20-12:45	Title: Basement water pumping Innovation in sindou irrigated perimeter, Western Burkina Faso O Jacques KISSOU , University of Nazi Boni, Burkina Faso
12:45-13:10	Speaker Slot Available
Lunch and Networking Break @ 13:10-13:50	

Speaker Sessions	
Session Chair:	
13:50-14:15	Title: An integrated urban drainage model in QGIS with IBER-SWMM Namrata Karki , BGEO, Spain
14:15-14:40	Title: Impact of drip emitter configuration on irrigation efficiency and soil water isotope ratios in a hazelnut orchard Firas Al Oqaili , University of Technology, Iraq
14:40-15:05	Title: Geological proxies with scrub: A practical approach for the taubaté basin Douglas Bazo de Castro , Unicamp, Brazil
15:05-15:30	Title: Enhancing trommel screen efficiency in waste management using discrete element method (DEM) Raúl Soriano , Instituto Tecnológico de Aragón, Spain
Refreshments Break @ 16:00-16:20	
16:45-17:10	Speaker Slot Available
17:10-17:35	Speaker Slot Available
Panel Discussions & B2B Meeting	
Day 02 In-person End Closing Ceremony	
Day 02 March 25, 2025 Virtual GMT+1	
Keynote Forum	
16:00-16:25	Title: A framework of recycling and waste management for establishing a resource circulation society Dai-Yeun Jeong , Director of Asia Climate Change Education Center, South Korea
Speaker Sessions	
Session Chair: Portia M Sinnott, MS+ and Springloop Coöperatie UA, United States	
16:25-16:45	Title: Management of waste from post-consumer wind power farms in the brazilian scenario Érika Alves Tavares Marques , Universidade Federal de Pernambuco, Brazil
16:45-17:05	Title: Wind farm decommissioning stage in Argentina Maria Pia Di Nanno , National Technological University, Argentina
17:05-17:25	Title: Unpacking paper's potential Clara Navarro Veiga , DS Smith, United Kingdom
17:25-17:45	Title: Measuring circular economy in cities Portia M Sinnott, MS+ and Springloop Coöperatie UA, United States
17:45-18:05	Title: Adopting nature-based solutions to avoid the tipping point in the Amazon Carlos A Nobre , University of São Paulo, Brazil
18:05 - 18:25	Title: Effects of maize stalk and farmyard manure compost application on rice productivity and soil properties Sabeela Yaqoob , University of Agriculture, Pakistan
Speaker Slots Available	
Panel Discussions & B2B Meeting	
Day 02 In-person End Closing Ceremony	