

ATHENS 2017 Conference
Selected Papers for:
WASTE MANAGEMENT & RESEARCH

1. R. Teixeira Franco, P. Buffière, R. Bayard, How to preserve the energy potential of organic residues during storage? Focus on anaerobic digestion (France)
2. J. J. Chávez Fuentes, D. Papale, M. Hutnan, Smart-farms: Transforming chicken litter into a reliable source of heat through anaerobic digestion (Slovakia)
3. A. Latora, L. Compagno, N. Trapani, D. Fino, A. Luciano, G. Mancini, How to optimize a metropolitan solid waste management system by integrating open data via Geographic Information System (Italy)
4. E. Fathi Aghdam, C. Scheutz, P. Kjeldsen, The role of metals in methane production from shredder waste in landfills (Denmark)
5. F. Chen, Z. B. Luo, J. LV, G.J. Liu, Y. J. Yang, J. Ma, Waste picker: an indispensable but unappreciated link of municipal solid waste management in China (China)
6. D. San Martin, M. Orive, E. Martínez, B. Iñarra, S. Ramos, N. Gonzalez, A. Guinea de Salas, L. Vázquez, J. Zufía, MCDA help decision tool for the implementation of food waste valorisation alternatives: animal feed as case study (Spain)
7. J. Seixas, V. Sousa, J.M. Vaz, C. Dias-Ferreira, Life-cycle cost analysis of waste collection equipment: The case study of Cascais Municipality (Portugal)
8. S. Vakalis, K. Moustakas, M. Loizidou, Assessing the 3T method as a replacement to R1 formula for measuring the efficiency of waste-to-energy plants (Greece)
9. S. Amarantidou, T. Tsalis, P. Calabro, I. Nikolaou, D. Komilis, Door to door recyclables' collection programs: Willingness to participate and influential factors with a case study in the city of Xanthi (Greece)
10. C. Falzon, T. Pretz, H. Wenzel, Optimizing Household Biodegradable Waste Management within European Islands (Germany)
11. A. Daniil, G.P. Dimitrakopoulos, S. Varitis, G. Vourlias, G. Kaimakamis, E. Pantazopoulou, E. Pavlidou, A.I. Zouboulis, Th. Karakostas, Ph. Komninou, Stabilization of Cr-rich tannery waste in fly ash matrices (Greece)
12. M. Grigatti, Short term phosphorus release from composts in a soil-plant system: the effect of elemental sulphur (S₀) addition (Italy)
13. J. Hřebíček, J. Soukopová, Is a common EU target for recycling of municipal waste achievable? (Czech Republic)
14. R. Geurts, A. Maul, K. Broos, D. Van Loo, M. Boone, P. Segers, J. Vanhees, M. Quaghebeur, Characterise-to-Sort: Advanced solid waste characterisation by multi-sensor data (Belgium)

15. A. Neves, M. Kasidoni, K. Moustakas, D. Malamis, C. Dias-Ferreira, Transition to PAYT tariffs in southern European Countries (Portugal)
16. L. Lombardi, E. Carnevale, B. Mendecka, WtE efficiency improvements: integration with solar thermal energy (Italy)
17. K. Lasaridi, C. Chroni, K. Abeliotis, K. Boikou, Ph. Kyrkitsos, A. Dalamagka, M. Rama, G. Protopapas, A. Sotiropoulos, G. Xydis, R. Charitopoulou, K. Kalafata, M. Intzeler, Ch. Angelakopoulos. State-of-the-Art review on Waste Electrical & Electronic Equipment reuse in the framework of the LIFE REWEEE project (Greece)
18. A. Pérez-Gimeno, J. Navarro-Pedreño, M.B. Almendro-Candel, I. Gómez, A.A. Zorpas, I. Voukkali, Characteristics of organic and inorganic wastes for their use in land restoration (Spain)
19. D. Parra Ramírez, V. Aristizabal Marulanda, G. Aroca, J. Quintero, A. Martínez, C. Ariel Cardona, Analysis of the ethanol and butanol production at different scales from platain peel and eucaliptus globulus (Colombia)
20. D. Hidalgo, J.L. Juaristi, J.M. Martín-Marroquín, F. Corona, Sustainable vacuum waste collection systems in areas of difficult access (Spain)
21. V. Mau, A. Gross, Conversion of Poultry Manure into an Energy-Dense Solid Fuel by Hydrothermal Carbonization (Israel)
22. C. Marzo, A.B. Díaz, I. Caro, A. Blandino, Valorization of agro-industrial wastes to produce hydrolytic enzymes by fungal solid state fermentation (Spain)
23. G. Haarlemmer, A. Roubaud, Hydrothermal Liquefaction of Wet Waste Streams (France)
24. D. Schwabl, H. Flachberger, M. Bauer, M. Lehner, L. Kranzinger, R. Pomberger, W. Hofer, Mechanical Processing of Post-Consumer Plastics for Feedstock Recycling (Austria)
25. F.R. Beltrán, V. Lorenzo, I. Barrio, J. Martínez Urreaga, M.U. de la Orden, Valorisation of poly(lactic acid) wastes by mechanical recycling: improvement of the properties of the recycled polymer (Spain)
26. J. Faitli, B. Csóke, R. Romenda, Z. Nagy, Sz. Németh, Developing the Combined Magnetic, Electric and Air Flow Separator (KLME) for MSW Processing (Hungary)
27. J. C. Henao, B. E. Bueno, T. Sanches, M. Cabral, A. L. Oliveira, J. Fiorelli, G. Tommaso, Anaerobic Digestion of Lignocellulosic Biomass Pre-treated by Sub and Supercritical Conditions (Brazil)
28. A. S. Al-Rahbi, P. T. Williams, Waste Derived Carbons for Syngas Tar removal (UK)

29. A. Salladini, A. Borgogna, L. Spadacini, A. Pitrelli, M.C. Annesini, G. Iaquaniello, Methanol production from Refuse Derived Fuel: A preliminary analysis on the influence of the RDF composition on process yield (Italy)
30. P. Mortreuil, C. Lagnet, B. Schraauwers, F. Monlau, Fast prediction of organic wastes methane potentials by Near Infrared Reflectance Spectroscopy (NIRS): a successful tool for agricultural biogas plant monitoring (France)
31. I.C. Kantarli, S. D. Stefanidis, K. G. Kalogiannis, A. A. Lappas, In-situ catalytic fast pyrolysis of poultry wastes (Turkey, Greece)