

CYPRUS 2016 4th International Conference on  
Sustainable Solid Waste Management

23-25 June 2016

<http://www.cyprus2016.uest.gr>

SPECIAL ISSUE OF  
**JOURNAL OF ENVIRONMENTAL MANAGEMENT**

**Selected Papers**

1. S. Vakalis, A. Sotiropoulos, K. Moustakas, D. Malamis, F. Patuzzi, M. Baratieri, Measurement and analysis of tar compounds from thermal valorization of food waste (Italy, Greece)
2. N. Frison, F. Fatone, D. Bolzonella, Nutrients recovery from anaerobic digestate of agro-waste: techno-economic assessment of full scale applications (Italy)
3. Yu-Loong Loow, Ta Yeong Wu, Jamaliah Md. Jahim, Abdul Wahab Mohammad, Transformation of oil palm fronds into pentose sugars using copper (II) sulfate pentahydrate with the assistance of chemical additive (Malaysia)
4. V. Oliveira, J. M. Vaz, C Dias-Ferreira, The challenge of increasing source segregated waste collection in the Central region of Portugal (Portugal)
5. J. Soukopová, J. Hřebíček, V. Valentinov, A Road Map to the Circular Economy for Municipalities (Czech Republic)
6. N. Mavropoulou, A. Anthouli, Y. Benhaddou, I. Koukosia, The use of Social Platform in Local Action Plans for improving recycling rates (Greece, Spain)
7. Michel Schroyen, Stijn W. H. Van Hulle, Sander Holemans, Katleen Raes, Han Vervaeren, Laccase enzyme detoxifies hydrolysates and improves biogas production from hemp straw and miscanthus. (Belgium)
8. A.G. Capodaglio, A. Callegari, M.V. Lopez, D. Dondi, Feedstock properties' influence on the production of biodiesel from waste urban sludge (Italy)
9. E. Pantazopoulou, A. Zouboulis, Chromium stabilization of tannery sludge by co-treatment with ladle furnace slag (Greece)
10. L. Lijó, N. Voulvoulis, N. Frison, S. González-García, S. Malamis, M. Teresa Moreira, E. Katsou, Sustainability analysis and policy framework of anaerobic co-digestion of sewage sludge and food waste in the UK (Spain, UK, Greece)

11. L. Lombardi, E. Carnevale, B. Mendecka, Energy recovery from used cooking oil (Italy)
12. Yee Van Fan, Chew Tin Lee, Chee Woh Leow, Evaluation of Effective Microorganisms on Small Scale Food Waste Composting (Malaysia)
13. M. Georgiopoulou, G. Lyberatos, Life Cycle Assessment of the use of alternative fuels in Cement Kilns. a case study (Greece)
14. L. Gaggero, V. Caratto, C. Belfortini, L. Musi, M. Ferretti, Fibers innovative burning and reuse by Self-propagating High temperature Synthesis (SHS) (Italy)
15. K. Haddad, C. Guizani, M. Jeguirim, S. Jellali, L. Limousy, R. Gadiou Effect of potassium and sodium on the Cypress sawdust pyrolysis through thermogravimetric analysis (France, Tunisia)
16. E. Iacovidou, P. Purnell, Smart technologies: Enablers of construction components reuse? (UK)
17. C. Gan, P. Champagne, G. Hall, Evaluation of passive treatment technologies for the treatment of septic tank septage under temperate climate conditions (Canada)
18. C. Andrés García, Á. Gómez Peña, R. Betancourth, C. Ariel Cardona Álzate, Environmental comparison of thermochemical and biochemical ways for producing energy from agricultural solid residues: The cut coffee stems case (Colombia)
19. M. Rolewicz, P. Rusek, K. Borowik, M. Dawidowicz, S. Schab, Obtaining granular fertilizers based on ashes from combustion of waste residues and ground bones using phosphorous solubilization with bacteria *Bacillus megaterium* (Poland)
20. V. Caprai, K. Schollbach, M.V.A. Florea, H.J.H. Brouwers, Investigation of Bottom Ash Mechanical Performance Based on the Amount of Reactive Compounds (Netherlands)
21. D. Hidalgo, J.M. Martín-Marroquín, F. Corona, Co-digestion of meat-processing by-products, manure and residual glycerin (Spain)
22. F.R. Beltrán, V. Lorenzo, J. Acosta, M.U. de la Orden, J. Martínez-Urreaga, Effect of simulated mechanical recycling processes on the properties of poly (lactic acid) (Spain)
23. M. Dicko, F. Lamari, G. Lepesant, P. Silar, C. Bilodeau, M. Cohen, Biomolecules from olive pruning waste in Sierra Mágina (France)
24. B. Ruffino, M.C. Zanetti, G. Campo, A. Cerutti, G. Scibilia, E. Lorenzi, G. Genon, Enhancement of Waste Activated Sludge (WAS) anaerobic digestion by means of pre-treatments and intermediate treatments (Italy)
25. D.P. Zagklis, C.A. Paraskeva, Isolation of organic compounds with high added values from agro-industrial solid wastes (Greece)

26. E. Yilmaz, M. Wzorek, S. Akcay, Co-pelletization of sewage sludge and agricultural wastes (Turkey, Poland)
27. V. Manasaki, I. Palogos, K. Tsafantakis, P. Gikas, Techno-economic evaluation for energy production from the landfill in Heraklion, Greece (Greece)
28. R. Bayard, H. Benbelkacem, R. Gourdon, Characterization of Municipal Solid Waste fraction to estimate biodegradability for mechanical biological pretreatment and landfilling (France)
29. M. Prasad, N. Tzortzakis, N. McDaniel Biochar, chemical characterization, nutrient effects, dynamics and preliminary plant growth tests (Ireland, Cyprus)