

International Conference on
Industrial Waste & Wastewater Treatment & Valorization

21-23 May 2015

President Hotel, Athens

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

SELECTED PAPERS FOR WASTE & BIOMASS VALORIZATION

1. K. Komnitsas, D. Zaharaki, Co-utilization of construction/demolition wastes with metallurgical and mining wastes for the production of geopolymers
2. M.J. Gázquez, S. Pérez-Moreno, M. Contreras, M. Romero, R. García-Tenorio, J.P. Bolívar, Management and valorisation of waste and co-products from the pigment TiO₂ industry
3. S. Mavridou, E. Kaisidou, M. Kazdaglis, Construction and Demolition Wastes: Potential uses and current situation in Greece and Cyprus
4. K. Valta, E. Aggeli, G. Antonopoulou, D. Malamis, K.-J. Haralambous, Waste and wastewater treatment from the Greek dairy industry existing situation and valorisation opportunities
5. N. Voulvoulis, Mining in the context of sustainable management of natural capital: the importance of waste recycling and reuse
6. L. Cutaia, G. Barberio, A. Luciano, E. Mancuso, S. Scaffoni, M. La Monica, C. Scagliarino, A systematic methodology for industrial symbiosis approach development at a regional scale
7. P. Manara, M. Ganesa Pillai, A. Zabaniotou, Microwave pretreatment of residual biomass blends with crude glycerol prior to pyrolysis by means of the GlyCo Bio-Diesel Project concept
8. N. Cakir, E. Alp, U. Yetis, Evaluation of environmental performance based on proximity to BAT associated resource utilization and emission values: A case study in a steel-making industry

9. A.S. Dounavis, I. Ntaikou, G. Lyberatos, Production of advanced biobased hydrogen enriched methane from waste glycerol in a two stage continuous system
10. L.M. Queiroz, I.O.C. Nascimento, S.A.B. Vieira de Melo, R.A. Kalid, Aerobic, anaerobic treatability and biogas production potential of a wastewater from a biodiesel industry
11. R. Taurino, E. Karamanova, L. Barbieri, S. Atanasova-Vladimirova, F. Andreola, I. Lancellotti, A. Karamanov, New ceramic bricks based on pretreated MSW bottom ash
12. V. Montenegro, S. Agatzini - Leonardou, P. Oustadakis, P. Tsakiridis, Hydrometallurgical Treatment of EAF Dust by Direct Sulphuric Acid Leaching at Atmospheric Pressure
13. K. Valta, E. Orli, P. Damala, K. Moustakas, M. Loizidou, Review and assessment of waste and wastewater treatment from fruit and vegetable processing industry in Greece
14. J. Grönniger, M. P. Wistuba, A. Cannone Falchetto, Reuse of Linz-Donawitz (LD) Slag in Asphalt Mixtures for Pavement Application
15. I.F. Strati, V. Oreopoulou, Recovery and isomerization of carotenoids from tomato processing by-products
16. E. Nikolaidou, M. Iossifidou, V. Tataki, A. Eftaxias, A. Aivasidis, V. Diamantis, Energy recovery and treatment of wine lees using a compact-portable anaerobic digester
17. L. Lombardi, E. Carnevale, A. Paradisi, Bottom ash treatment at the site of producing plant for reutilization
18. M. Alexandropoulou, G. Antonopoulou, G. Lyberatos, Fermentative hydrogen production from food – industry wastes
19. J. Rosales, F. Agrela, M. Cabrera, M.G. Beltrán, Application of stainless steel slag waste as a partial replacement to manufacture cement mortars
20. N.D. Charisiou, A. Baklavaridis, V.G. Papadakis, M.A. Goula, Synthesis gas production via the biogas reforming reaction over Ni/MgO-Al₂O₃ and Ni/CaO-Al₂O₃ catalysts
21. Xiaoying Liu, Yanfeng He, Chang Chen, Wen Wang, Guangqing Liu, Set-up of CSTR for treating kitchen waste and effects of operation conditions on biodegradability performance

22. S. Vakalis, A. Sotiropoulos, K. Moustakas, D. Malamis, K. Vekkos, M. Baratieri, Characterization of hotel bio-waste by means of Simultaneous Thermal Analysis
23. M. Stefanidou, E. Anastasiou, O. Mantziou, E. Mpougla, E. Vasiliou, P.D. Konti, K. Antoniadis, Incorporation of glass particles in high-performance mortars
24. V. Varelas, E. Sotiropoulou, M. Liouni, E. T. Nerantzis, Production of β -Glucan from winery yeast waste biomass
25. F. Chalkiopoulou, I. Chatzipanagis, C. Christidis, Perspectives for the production of industrial minerals from the exploitation of the waste stemming extraction of Greek white calcitic marble