

**ATHENS2017 Conference**  
**Selected Papers for:**  
**DESALINATION & WATER TREATMENT**

1. D. Kołodźńska, J. Bąk, Uptake of heavy metal ions in aqueous solution by chitosan modified biochar
2. R. Mohan, A. J. Bora, R. K. Dutta, Fluoride removal from water by lime sludge waste of paper mill in presence of phosphoric acid
3. E. Yazıcı, S. Bakırdere, M. Fırat, D. Selali Chormey, F. Turak, Ç. Şahin, T. Börklü Budak, Determination of cadmium in drinking and wastewater by dispersive liquid-liquid micro extraction slotted quartz tube fame atomic absorption spectrometry system after complexation with a new imidazole based ligand
4. E. Yılmaz , I. Cengiz, T. M. Massara, T. M. Yılmaz, O. T. Komesli, P. Stanchev, E. Katsou, The effect of initial pH and retention time on Boron removal by continuous electrocoagulation process
5. S. Bayar, T.M. Massara, R. Boncukcuoglu, O.T. Komesli, E. Katsou, Advanced treatment of pistachio processing industry wastewater by Fenton process
6. B.M. Ren, Y.Q. Zhao, A. Nzihou, N. Lyczko, Waterworks sludge management in a sustainable world: novel value-added alum sludge products for harmful gas purification
7. C. Shen, Y.Q. Zhao, R.B. Liu, Developing Pellet-type Adsorbent Based on Drinking Water Treatment Residual
8. V. N. Reckziegel, R. F. Thiesen, I. H. Schneider, Treatment of a Forging Industry Wastewater Containing Graphite and Sludge Management
9. Ranbin Liu, Yi Mao, Yaqian Zhao, Recycle and reuse of dewatered alum sludge in green bio-sorption reactor (GBR) for wastewater treatment: Roles and concerns
10. P. Hlušík, J. Ševčík, J. Racek, P. Hlavínek, Microwave pyrolysis of sewage sludge
11. B. Tomaszewska, M. Dendys, Zero-waste initiatives – waste geothermal water as a source of medicinal raw material and drinking water
12. D.S. Cardona, A.R. Imamura, K.B. Debs, E.N.V.M. Carrilho, P.S. Haddad, G. Labuto, Low cost agroindustrial biomasses and ferromagnetic bionanocomposites to treat textile effluent
13. M. A. Andreou, I. Pashalidis, Removal of Malachite Green from Aqueous Solution by Biofibers
14. K. Philippou, I. Pashalidis, Uranium monitoring in ground and wastewaters
15. M. Elhag, Crop Vigorous limitations under Soil Salinity Variation by Using Remote Sensing Indices in Arid Environments

16. N. Yilmaz, M. Elhag, Cost - Benefit Analysis of Water Management Projects of Nestos River, Greece
17. S. Delibacak, A. Rıza Ongun, Influence of treated sewage sludge applications on total and available heavy metal concentration of sandy clay soil
18. N. Tzortzakis, C. Saridakis, A. Chrysargyris, A. Stamatakis, Treated wastewater and/or Municipal Solid Waste Compost applied for greenhouse pepper cultivation
19. S. Georgopoulos, M. I. Papadaki, Photocatalytic treatment of cow-farm wastewaters
20. M. Stylianou, V. Inglezakis, G. Itskos, A. Jetybayeva, M. Loizidou, A. Agapiou, Comparative study on phyllosilicate and tectosilicate mineral structural properties
21. E. Özön, A. Erdinçler, Effects of Microwave, MW/H<sub>2</sub>O<sub>2</sub> and Heat/H<sub>2</sub>O<sub>2</sub> Pre-treatments on the Anaerobic Biodegradability of the Wastewater Sludges
22. N. Durmus, A. Demir Mülazımoğlu, I. E. Mülazımoğlu, A novel highly sensitive carbon based HMPD/GC sensor electrode: Cu (II) ions analysis in flour and drinking water samples
23. Zhang Shici, Luo Zejiao, Xia Shibin, Study on the adsorption/desorption behavior of mercury in wastewater by wheat straw biochar
24. M. Aadraoui, M. Elbaghdadi, J. Rais, A. Barakat, W. Ennaji, L.A. Karroum, H. Oumenskou, F. Echogdali, A. Ouigmane, S. Didi, I. Karaoui, Characterization and possible uses of sewage sludge from wastewater treatment plants
25. G. Jaria, C. P. Silva, J. Oliveira, M. V. Gil, M. Otero, V. Calisto, V. I. Esteves, Production of a paper mill sludge-based activated carbon and application in the removal of pharmaceuticals from water
26. S.S. Kontos, P.G. Koutsoukos, C. A. Paraskeva, Implementation of different physicochemical techniques for the more efficient management of olive mill wastewater streams
27. S. R.H. Vanderheyden, S. Schreurs, J. Yperman, R. Carleer, Modification of activated carbons from brewers' spent for chromium(VI) adsorption
28. Y.Y. Lin, J.C. Lin, Leaching of Yttrium and Europium from Waste CRT Phosphor by Subcritical Water Extraction
29. A. Kyriacou, K. Abeliotis, E. Mitsou, K.E. Lasaridi. Antibiotics resistance in sewage sludge enterococci
30. S. Zen, F.Z. El Berrichi, N. Abidi, J. Duplay, A. Jada, B. Gasmi, Activated Algerian kaolins as low-coast potential adsorbents for the removal from industrial effluents of Derma Blue R67 acid dye: kinetic and thermodynamic studies
31. M. S. Babel, K. Anusart, Potential of Water and Energy Savings in Bangkok Water Supply System, Thailand

32. R. Ait Akbour, H. Ouchtak, A. Ait Addi, A. Jada, Jamaa Douch, M. Hamdani, Humic Acid Covered Alumina as Adsorbent for the Removal of Organic Dye from Coloured Effluents
33. A. Adeniyi, R.K.K. Mbaya, M.S. Onyango, A.P.I. Popoola, Membrane selection for organic contaminants removal from Hartbeespoort dam water in South Africa
34. M. Jeguirim, K. Haddad, N. Kraiem, A. Zorpas, S. Jellali, L. Limousy, Olive mill wastewater: From a pollutant to green fuels, agricultural water source and bio-fertilizer
35. T.V. Rakotonimaro, M. Guittonny-Larchevêque, C.M. Neculita, Reclamation of metal-contaminated tailings with organic amendments: pore water quality control and phytostabilization
36. G.A. El-Sedik, A.S. El-Gendy, T.I. Sabry, Kh.H Khalil, Non-woven Polyester Fabric for Wastewater Treatment