

# Contents

A.H. El-Sheikh, A.P. Newman, A.J. Said, A.M. Alzawahreh and M.M. Abu-Helal	Improving the adsorption efficiency of phenolic compounds into olive wood biosorbents by pre-washing with organic solvents: Equilibrium, kinetic and thermodynamic aspects	1
S. Speer, P. Champagne and B. Anderson	Using fundamental hydrogeological equations to monitor the effects of clogging and media consolidation on the hydraulic regime of a vertical subsurface flow treatment system	11
M. Pizzol, M. Scotti and M. Thomsen	Network Analysis as a tool for assessing environmental sustainability: Applying the ecosystem perspective to a Danish Water Management System	21
R. Colombo, T.C.R. Ferreira, S.A. Alves, R.L. Carneiro and M.R.V. Lanza	Application of the response surface and desirability design to the Lambda-cyhalothrin degradation using photo-Fenton reaction	32
V. Sagris, P. Wojda, P. Milenov and W. Devos	The harmonised data model for assessing Land Parcel Identification Systems compliance with requirements of direct aid and agri-environmental schemes of the CAP	40
A. Vidyadhar, G. Chalavadi and A. Das	Stratification and segregation features of pulverized electronic waste in flowing film concentration	49
R. Mongruel, A. Vanhoutte-Brunier, A. Fiandrino, F. Valette, J. Ballé-Béganton, J.A. Pérez Agúndez, N. Gallai, V. Derolez, S. Roussel, M. Lample and T. Laugier	Why, how, and how far should microbiological contamination in a coastal zone be mitigated? An application of the systems approach to the Thau lagoon (France)	55
A.A. Jennings	Analysis of worldwide regulatory guidance values for the most commonly regulated elemental surface soil contamination	72
L.-A. Sutherland, J. Mills, J. Ingram, R.J.F. Burton, J. Dwyer and K. Blackstock	Considering the source: Commercialisation and trust in agri-environmental information and advisory services in England	96
S. Malekpour, J. Langeveld, S. Letema, F. Clemens and J.B. van Lier	Judgment under uncertainty; a probabilistic evaluation framework for decision-making about sanitation systems in low-income countries	106
T.I.D. Ruqayyah, P. Jamal, Md.Z. Alam and Md.E.S. Mirghani	Biodegradation potential and ligninolytic enzyme activity of two locally isolated <i>Panus tigrinus</i> strains on selected agro-industrial wastes	115
J. Elez, S. Cuezva, A. Fernandez-Cortes, E. Garcia-Anton, D. Benavente, J.C. Cañaveras and S. Sanchez-Moral	A GIS-based methodology to quantitatively define an Adjacent Protected Area in a shallow karst cavity: The case of Altamira cave	122
K.A.G. Gusmão, L.V.A. Gurgel, T.M.S. Melo and L.F. Gil	Adsorption studies of methylene blue and gentian violet on sugarcane bagasse modified with EDTA dianhydride (EDTAD) in aqueous solutions: Kinetic and equilibrium aspects	135
H. Li, M. Kayhanian and J.T. Harvey	Comparative field permeability measurement of permeable pavements using ASTM C1701 and NCAT permeameter methods	144

*Continued from outside back cover*

<b>A. Tubić, J. Agbaba, B. Dalmacija, J. Molnar, S. Maletić, M. Watson and S.U. Perović</b>	Insight into changes during coagulation in NOM reactivity for trihalomethanes and haloacetic acids formation	153
<b>P. Perona, D.J. Dürrenmatt and G.W. Characklis</b>	Obtaining natural-like flow releases in diverted river reaches from simple riparian benefit economic models	161
<b>W.A. Monk, N.M. Wilbur, R. Allen Curry, R. Gagnon and R.N. Faux</b>	Linking landscape variables to cold water refugia in rivers	170
<b>N. Hossaini and K. Hewage</b>	Emergy accounting for regional studies: Case study of Canada and its provinces	177
<b>M. Torrellas, A. Antón and J.I. Montero</b>	An environmental impact calculator for greenhouse production systems	186
<b>Y. Han, A.A. Boateng, P.X. Qi, I.M. Lima and J. Chang</b>	Heavy metal and phenol adsorptive properties of biochars from pyrolyzed switchgrass and woody biomass in correlation with surface properties	196
<b>B.C.A. Pinheiro and J.N.F. Holanda</b>	Reuse of solid petroleum waste in the manufacture of porcelain stoneware tile	205