

Environmental Management

Volume 124 30 July 2013

Contents

F. Kuhar and L. Papinutti	Protective effect of vanilloids against chemical stress on the white-rot fungus <i>Ganoderma lucidum</i>	1
N. Milovantseva and J.-D. Saphores	E-waste bans and U.S. households' preferences for disposing of their e-waste	8
R. Feng, W. Qiu, F. Lian, Z. Yu, Y. Yang and Z. Song	Field evaluation of in situ remediation of Cd-contaminated soil using four additives, two foliar fertilisers and two varieties of pakchoi	17
M.A. Rahman, B. Rusteberg, M.S. Uddin, A. Lutz, M.A. Saada and M. Sauter	An integrated study of spatial multicriteria analysis and mathematical modelling for managed aquifer recharge site suitability mapping and site ranking at Northern Gaza coastal aquifer	25
J. Sha, M. Liu, D. Wang, D.P. Swaney and Y. Wang	Application of the ReNuMa model in the Sha He river watershed: Tools for watershed environmental management	40
J. Moore, M. Kissinger and W.E. Rees	An urban metabolism and ecological footprint assessment of Metro Vancouver	51
X.L. Zhang, S. Yan, R.D. Tyagi and R.Y. Surampalli	Odor control in lagoons	62
A. D'Antonio, C. Monz, P. Newman, S. Lawson and D. Taff	Enhancing the utility of visitor impact assessment in parks and protected areas: A combined social–ecological approach	72
D. Bargiel, S. Herrmann and J. Jadczyzyn	Using high-resolution radar images to determine vegetation cover for soil erosion assessments	82
P.L. Spence and S.J. Jordan	Effects of nitrogen inputs on freshwater wetland ecosystem services – A Bayesian network analysis	91
N. Marinoni, D. D'Alessio, V. Diella, A. Pavese and F. Francescon	Effects of soda–lime–silica waste glass on mullite formation kinetics and micro-structures development in vitreous ceramics	100
E.R.A. Ferraz, G.A.R. Oliveira, M.D. Grando, T.M. Lizier, M.V.B. Zanoni and D.P. Oliveira	Photoelectrocatalysis based on Ti/TiO ₂ nanotubes removes toxic properties of the azo dyes Disperse Red 1, Disperse Red 13 and Disperse Orange 1 from aqueous chloride samples	108
J. Tharamapalan, C.C. Boyd and S.J. Duranceau	3-Step approach towards evaluation and elimination of acid use in pre-treatment for a brackish water reverse osmosis process	115
C.P. Silva, D.L.D. Lima, R.J. Schneider, M. Otero and V.I. Esteves	Development of ELISA methodologies for the direct determination of 17 β -estradiol and 17 α -ethinylestradiol in complex aqueous matrices	121
R. Nelson, M. Howden and P. Hayman	Placing the power of real options analysis into the hands of natural resource managers – Taking the next step	128
E.M. De Santo	Missing marine protected area (MPA) targets: How the push for quantity over quality undermines sustainability and social justice	137
B. O'Dwyer, L. Crockford, P. Jordan, L. Hislop and D. Taylor	A palaeolimnological investigation into nutrient impact and recovery in an agricultural catchment	147
L. Al Attar and B. Safia	Sorption of ²²⁶ Ra from oil effluents onto synthetic cation exchangers	156
Y. Wang, S. Sikora and T.G. Townsend	Ferrous iron removal by limestone and crushed concrete in dynamic flow columns	165