

Contents

R.A. Francis and J. Lorimer	Urban reconciliation ecology: The potential of living roofs and walls	1429
C.R. Jacobson	Identification and quantification of the hydrological impacts of imperviousness in urban catchments: A review	1438
N.A. Davenport, J. Gambiza and C.M. Shackleton	Use and users of municipal commonage around three small towns in the Eastern Cape, South Africa	1449
J. Martin-Ortega, R. Brouwer and H. Aiking	Application of a value-based equivalency method to assess environmental damage compensation under the European Environmental Liability Directive	1461
K.-Y. Zhou and W.R. Sheate	EIA application in China's expressway infrastructure: Clarifying the decision-making hierarchy	1471
L. Cui, L.R. Chen, Y.P. Li, G.H. Huang, W. Li and Y.L. Xie	An interval-based regret-analysis method for identifying long-term municipal solid waste management policy under uncertainty	1484
I.-H. Hong and J.-S. Ke	Determining advanced recycling fees and subsidies in "E-scrap" reverse supply chains	1495
D.G. Tosh, R.F. Shore, S. Jess, A. Withers, S. Bearhop, W. Ian Montgomery and R.A. McDonald	User behaviour, best practice and the risks of non-target exposure associated with anticoagulant rodenticide use	1503
V. González, I. García, F. del Moral, S. de Haro, J.A. Sánchez and M. Simón	Impact of unconfined sulphur-mine waste on a semi-arid environment (Almería, SE Spain)	1509
G.-C. Fang, S.-C. Lin, S.-Y. Chang, C.-Y. Lin, C.-C.K. Chou, Y.-J. Wu, Y.-C. Chen, W.-T. Chen and T.-L. Wu	Characteristics of major secondary ions in typical polluted atmospheric aerosols during autumn in central Taiwan	1520
H. Komatsu, Y. Shinohara, T. Kume and K. Otsuki	Changes in peak flow with decreased forestry practices: Analysis using watershed runoff data	1528
A. Sarti and M. Zaiat	Anaerobic treatment of sulfate-rich wastewater in an anaerobic sequential batch reactor (AnSBR) using butanol as the carbon source	1537
I.P. Holman and P. Trawick	Developing adaptive capacity within groundwater abstraction management systems	1542

J. Mustajoki, H. Saarikoski, M. Marttunen, A. Ahtikoski, V. Hallikainen, T. Helle, M. Hyppönen, M. Jokinen, A. Naskali, S. Tuulentie, M. Varmola, E. Vatanen and A.-L. Ylisirniö	Use of decision analysis interviews to support the sustainable use of the forests in Finnish Upper Lapland	1550
C. Remacha, J. Pérez-Tris and J.A. Delgado	Reducing visitors' group size increases the number of birds during educational activities: Implications for management of nature-based recreation	1564
N. Kantiranis, K. Sikalidis, A. Godelitsas, C. Squires, G. Papastergios and A. Filippidis	Extra-framework cation release from heulandite-type rich tuffs on exchange with NH_4^+	1569
E. Alp and C.S. Melching	Allocation of supplementary aeration stations in the Chicago waterway system for dissolved oxygen improvement	1577
E. Moreno-Jiménez, S. Vázquez, R.O. Carpena-Ruiz, E. Esteban and J.M. Peñalosa	Using Mediterranean shrubs for the phytoremediation of a soil impacted by pyritic wastes in Southern Spain: A field experiment	1584
C. Huiliñir, E. Aspé and M. Roeckel	Modeling of the denitrification/anaerobic digestion process of salmon fishery wastewater in a biofilm tubular reactor	1591
S.T. Broad and R. Corkrey	Estimating annual generation rates of total P and total N for different land uses in Tasmania, Australia	1609
Y. Zhang, H.S. He, S.R. Shifley, J. Yang and B.J. Palik	Evaluating the effects of alternative forest management plans under various physiographic settings using historical records as a reference	1618
C. Qi and N.-B. Chang	System dynamics modeling for municipal water demand estimation in an urban region under uncertain economic impacts	1628
B.N. Egoh, B. Reyers, M. Rouget and D.M. Richardson	Identifying priority areas for ecosystem service management in South African grasslands	1642
S. Wang, L. Zhou, J. Chen, W. Ju, X. Feng and W. Wu	Relationships between net primary productivity and stand age for several forest types and their influence on China's carbon balance	1651
N. Chen, H. Hong, Q. Huang and J. Wu	Atmospheric nitrogen deposition and its long-term dynamics in a southeast China coastal area	1663