

Contents

F. Yang, S. Sun, S. Zhong, S. Li, Y. Wang and J. Wu	Performance of the heavy fraction of pyrolysis oil derived from waste printed circuit boards in modifying asphalt	1
S. Ge, X. Dong, J. Zhou and S. Ge	Comparative evaluations on bio-treatment of hexavalent chromate by resting cells of <i>Pseudochrobactrum</i> sp. and <i>Proteus</i> sp. in wastewater	7
D. Yue, J. Guo and C. Hui	Scale dependency of biocapacity and the fallacy of unsustainable development	13
R.R. Niraula, H. Gilani, B.K. Pokharel and F.M. Qamer	Measuring impacts of community forestry program through repeat photography and satellite remote sensing in the Dolakha district of Nepal	20
D.J. Gilvear, C.J. Spray and R. Casas-Mulet	River rehabilitation for the delivery of multiple ecosystem services at the river network scale	30
M. Vigne, J. Vayssières, P. Lecomte and J.-L. Peyraud	Pluri-energy analysis of livestock systems – A comparison of dairy systems in different territories	44
J. Tang, H. Folmer and J. Xue	Estimation of awareness and perception of water scarcity among farmers in the Guanzhong Plain, China, by means of a structural equation model	55
S. Kidd and L. McGowan	Constructing a ladder of transnational partnership working in support of marine spatial planning: Thoughts from the Irish Sea	63
J.-Y. Park and J.-H. Kim	Role of sol with iron oxyhydroxide/sodium dodecyl sulfate composites on Fenton oxidation of sorbed phenanthrene in sand	72
Z. Chen, H.H. Ngo, W. Guo, X.C. Wang, C. Miechel, N. Corby, A. Listowski and K. O'Halloran	Analysis of social attitude to the new end use of recycled water for household laundry in Australia by the regression models	79
Q. Zhu, Y. Geng and J. Sarkis	Motivating green public procurement in China: An individual level perspective	85
N.M. Foster, M.D. Hudson, S. Bray and R.J. Nicholls	Intertidal mudflat and saltmarsh conservation and sustainable use in the UK: A review	96
S.-H. Kim, M.-S. Choi, H.-S. Mha and J.-Y. Joung	Environmental impact assessment and eco-friendly decision-making in civil structures	105
J. Fiquepron, S. Garcia and A. Stenger	Land use impact on water quality: Valuing forest services in terms of the water supply sector	113
C.R. Lohri, L. Rodić and C. Zurbrügg	Feasibility assessment tool for urban anaerobic digestion in developing countries	122
K.P. Overmars, J. Helming, H. van Zeijts, T. Jansson and I. Terluin	A modelling approach for the assessment of the effects of Common Agricultural Policy measures on farmland biodiversity in the EU27	132
M. Persson, J. Moberg, M. Ostwald and J. Xu	The Chinese Grain for Green Programme: Assessing the carbon sequestered via land reform	142
V. Raguž, J. Jarsjö, S. Grolander, R. Lindborg and R. Avila	Plant uptake of elements in soil and pore water: Field observations versus model assumptions	147
M.H. Taylor, K. Rollins, M. Kobayashi and R.J. Tausch	The economics of fuel management: Wildfire, invasive plants, and the dynamics of sagebrush rangelands in the western United States	157
H. Zhang, K. Zhao, X. Yan, Q. Sun, Y. Li, Y. Zhang, Z. Zun and F. Ke	Effects of nitrogen conversion and environmental factors on landfill CH ₄ oxidation and N ₂ O emissions in aged refuse	174
C. Zhang, W. Li and M. Fan	Adaptation of herders to droughts and privatization of rangeland-use rights in the arid Alxa Left Banner of Inner Mongolia	182