

# Contents

<b>C.L. Wong, Y.N. Tan and A.R. Mohamed</b>	A review on the formation of titania nanotube photocatalysts by hydrothermal treatment	1669
<b>P. Susi, G. Aktuganov, J. Himanen and T. Korpela</b>	Biological control of wood decay against fungal infection	1681
<b>P. Rao, I.M.C. Lo, K. Yin and S.C.N. Tang</b>	Removal of natural organic matter by cationic hydrogel with magnetic properties	1690
<b>E. Haglund, J. Ndjeunga, L. Snook and D. Pasternak</b>	Dry land tree management for improved household livelihoods: Farmer managed natural regeneration in Niger	1696
<b>A. Mendoza-Cantú, S.C. Heydrich, I.S. Cervantes and O.O. Orozco</b>	Identification of environmentally vulnerable areas with priority for prevention and management of pipeline crude oil spills	1706
<b>A.L.O. Costabile, C.S.A. Canto, S.M. Ratusznei, J.A.D. Rodrigues, M. Zaiat and E. Foresti</b>	Temperature and feed strategy effects on sulfate and organic matter removal in an AnSBB	1714
<b>C. Águia, J. Ângelo, L.M. Madeira and A. Mendes</b>	Photo-oxidation of NO using an exterior paint – Screening of various commercial titania in powder pressed and paint films	1724
<b>E. Cibis, A. Ryznar-Luty, M. Krzywonos, K. Lutosławski and T. Miśkiewicz</b>	Betaine removal during thermo- and mesophilic aerobic batch biodegradation of beet molasses vinasse: Influence of temperature and pH on the progress and efficiency of the process	1733
<b>B. Strimbu and J. Innes</b>	An analytical platform for cumulative impact assessment based on multiple futures: The impact of petroleum drilling and forest harvesting on moose ( <i>Alces alces</i> ) and marten ( <i>Martes americana</i> ) habitats in northeastern British Columbia	1740
<b>G. Huang, W. Zhou and M.L. Cadenasso</b>	Is everyone hot in the city? Spatial pattern of land surface temperatures, land cover and neighborhood socioeconomic characteristics in Baltimore, MD	1753
<b>K.L. Cook, M.J. Rothrock, M.A. Eiteman, N. Lovanh and K. Sistani</b>	Evaluation of nitrogen retention and microbial populations in poultry litter treated with chemical, biological or adsorbent amendments	1760
<b>J.H. Ko, S. Musson and T. Townsend</b>	Removal of trichloroethylene from soil using the hydration of calcium oxide	1767
<b>F.A. Pasquarè, D. Tormey, L. Vezzoli, A. Okrostsvaridze and B. Tutberidze</b>	Mitigating the consequences of extreme events on strategic facilities: Evaluation of volcanic and seismic risk affecting the Caspian oil and gas pipelines in the Republic of Georgia	1774

*Continued from outside back cover*

<b>F.C. de Oliveira and N. Hanazaki</b>	Ethnobotany and ecological perspectives on the management and use of plant species for a traditional fishing trap, southern coast of São Paulo, Brazil	1783
<b>K. Walimo and D.K. Lew</b>	Valuing improvements to threatened and endangered marine species: An application of stated preference choice experiments	1793
<b>M. Boix, L. Montastruc, L. Pibouleau, C. Azzaro-Pantel and S. Domenech</b>	A multiobjective optimization framework for multicontaminant industrial water network design	1802
<b>C.-F. Wu, Y.-P. Lin and S.-H. Lin</b>	A hybrid scheme for comparing the effects of bird diversity conservation approaches on landscape patterns and biodiversity in the Shangan sub-watershed in Taiwan	1809
<b>P. Aprea, B. de Gennaro and C. Colella</b>	An unconventional method for the recovery of caustic soda from spent Al-rich pickling solutions	1821
<b>P. Madejón, C. Barba-Brioso, N.W. Lepp and J.C. Fernández-Caliani</b>	Traditional agricultural practices enable sustainable remediation of highly polluted soils in Southern Spain for cultivation of food crops	1828
<b>G. Mouri, S. Takizawa and T. Oki</b>	Spatial and temporal variation in nutrient parameters in stream water in a rural-urban catchment, Shikoku, Japan: Effects of land cover and human impact	1837
<b>E. Herrero-Hernández, M.S. Andrades, M.S. Rodríguez-Cruz and M.J. Sánchez-Martín</b>	Effect of spent mushroom substrate applied to vineyard soil on the behaviour of copper-based fungicide residues	1849
<b>G. Rodríguez, F.J. Alegre and G. Martínez</b>	Evaluation of environmental management resources (ISO 14001) at civil engineering construction worksites: A case study of the community of Madrid	1858
<b>M.C. Tomei, S. Rita and G. Mininni</b>	Performance of sequential anaerobic/aerobic digestion applied to municipal sewage sludge	1867
<b>S.T. Kurwadkar, C.D. Adams, M.T. Meyer and D.W. Kolpin</b>	Comparative mobility of sulfonamides and bromide tracer in three soils	1874
<b>A.D. Syphard, K.C. Clarke, J. Franklin, H.M. Regan and M. McGinnis</b>	Forecasts of habitat loss and fragmentation due to urban growth are sensitive to source of input data	1882
<b>Mohan B. Dangi, Christopher R. Pretz, Michael A. Urynowicz, Kenneth G. Gerow and J.M. Reddy</b>	Corrigendum to Municipal Solid Waste Generation in Kathmandu, Nepal [Journal of Environmental Management 91 (2011) 240–249]	1894