

CONTENTS

The impact of nuclear accidents on provisioning ecosystem services F. Gralla, D.J. Abson (Lueneburg, Germany), A.P. Møller (Orsay, France), D.J. Lang and H. von Wehrden (Lueneburg, Germany)	1
Ground beetle (Coleoptera: Carabidae) population declines and phenological changes: Is there a connection? G. Pozsgai and N.A. Littlewood (Aberdeen, UK).....	15
Higher taxa vs. functional guilds vs. trophic groups as indicators of soil nematode diversity and community structure D.R. Bhusal (Thessaloniki, Greece), A.S. Kallimanis (Greece), M.A. Tsiafouli and S.P. Sgardelis (Thessaloniki, Greece)	25
Modelling forest growing stock from inventory data: A data mining approach M. Debeljak, A. Poljanec and B. Ženko (Slovenia)	30
Spatiotemporal dynamics of grassland aboveground net primary productivity and its association with climatic pattern and changes in Northern China D. Mao, Z. Wang (Changchun, China), L. Li (Indianapolis, IN, USA) and W. Ma (Huhhot, China).....	40
Temporal changes in macrofauna as response indicator to potential human pressures on sandy beaches F. Bessa (Coimbra, Portugal), S.C. Gonçalves (Coimbra, Portugal and Peniche, Portugal), J.N. Franco (Porto, Portugal), J.N. André, P.P. Cunha and J.C. Marques (Coimbra, Portugal).....	49
Leaf injury symptoms of <i>Tilia</i> sp. as an indicator of urban habitat quality A.R. Khavaninzadeh (Antwerp, Belgium), F. Veroustraete (Antwerp, Belgium and Mol, Belgium), J.A.N. Buytaert (Antwerp, Belgium) and R. Samson (Antwerp, Belgium)	58
Modeling the multimedia fate dynamics of γ -hexachlorocyclohexane in a large Chinese lake X. Kong, W. He, N. Qin, Q. He, B. Yang, H. Ouyang, Q. Wang, C. Yang, Y. Jiang and F. Xu (Beijing, China).....	65
High abundance of an exotic amphipod indicates disturbance in tropical rainforests C. Matavelli (Rio Claro, Brazil) and M. Uehara-Prado (Campinas, Brazil)	75
A comprehensive wealth index for cities in Germany J. Dovern (Heidelberg, Germany), M.F. Quaas (Kiel, Germany) and W. Rickels (Kiel, Germany).....	79
Reckoning perverse outcomes of resource conservation policies using the Ecological Footprint T.J. Lawrence (Ithaca, NY, USA) and G.R. Robinson (Albany, NY, USA).....	87
Auditing reforested watersheds on the loess plateau: Fangshan Shanxi H. Tane (Aotearoa, New Zealand), T. Sun, Z. Zheng and J. Liu (Taiyuan, China).....	96
Agroeconomic evaluation of intercropping rocket and carrot by uni- and multivariate analyses in a semi-arid region of Brazil J.S.S. de Lima, F. Bezerra Neto (Mossoro, Brazil), E.G. Gomes (Brasília, Brazil), M.Z. de Negreiros, F.S.T. Pontes (Mossoro, Brazil), M.A. de Medeiros (Amajari, Brazil) and A.P. Barros Júnior (Mossoro, Brazil)	109
A parcel-scale assessment tool to measure sustainability through urban ecosystem components: The MUSIX model D. Dizdaroglu and T. Yigitcanlar (Brisbane, Australia).....	115
Careful considerations when reporting and evaluating the grey water footprint of products L. Wang, X. Ding and X. Wu (Shanghai, China)	131

Ecological risk assessment of wetland ecosystems using Multi Criteria Decision Making and Geographic Information System B. Malekmohammadi and L. Rahimi Blouchi (Tehran, Iran)	133
The influence of grazing exclosure on soil C stocks and dynamics, and ecological indicators in upland arid and semi-arid rangelands F. Raiesi and M. Riahi (Shahrekord, Iran)	145
Simulation of soil nitrogen storage of the typical steppe with the DNDC model: A case study in Inner Mongolia, China R.H. Li (Beijing, Jiaozuo, China), X.B. Li (Beijing, China), G.Q. Li (Yantai, China) and W.Y. Wen (Beijing, China)	155
Land-use coverage as an indicator of riparian quality D. Fernández, J. Barquín, M. Álvarez-Cabria and F.J. Peñas (Santander, Spain)	165
Can excluding non-insect taxa from stream macroinvertebrate surveys enhance the sensitivity of taxonomic distinctness indices to human disturbance? X. Jiang (Wuhan, China), Z. Song (Wuhan, China and Edmonton, Canada), J. Xiong and Z. Xie (Wuhan, China). . . .	175
Evaluating the USDA-NRCS pasture condition score system with weighted indicators M.A. Sanderson (Mandan, ND, USA)	183
Relationships between land use patterns and water quality in the Taizi River basin, China H. Bu, W. Meng, Y. Zhang and J. Wan (Beijing, China)	187
The response of fish and macroinvertebrate assemblages to multiple stressors: A comparative analysis of aquatic communities in a perturbed watershed (Onondaga Lake, NY) S.L. Johnson and N.H. Ringler (Syracuse, NY, USA)	198
Evaluation of the invasive macrophyte <i>Myriophyllum spicatum</i> L. as a bioaccumulator for heavy metals in some watercourses of Egypt T.M. Galal (Cairo, Egypt) and H.S. Shehata (Zagazig, Egypt)	209
Erratum to “Evaluating the efficiency of environmental monitoring programs” [Ecol. Indic. 39 (2014) 94–101] C.R. Levine, R.D. Yanai (Syracuse, NY, USA), G.G. Lampman (Albany, NY, USA), D.A. Burns (Troy, NY, USA), C.T. Driscoll (Syracuse, NY, USA), G.B. Lawrence (Troy, NY, USA), J.A. Lynch (Washington, DC, USA) and N. Schoch (Gorham, ME, USA)	215
Corrigendum to “SAFE 2013: Sustainability of countries updated” [Ecol. Indic. 38 (2014) 61–66] E. Grigoroudis, V.S. Kouikoglou (Chania, Greece) and Y.A. Phillis (Chania, Greece and Riobamba, Ecuador)	216