

CONTENTS

(Abstracts/contents in: Appl. Ecol. Abstr.; BIOSIS; Cambridge Sci. Abstr.; Curr. Contents B & S; Elsevier BIOBASE; Environ. Abstr. Environ. Periodicals Bibliogr.; GEOBASE; Geographical Abstr.; LandSearch; Science Citation Index; Urban Stud. Abstr./Archit. Urban Des. Sect.). Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®.

Review

- A review of benefits and challenges in growing street trees in paved urban environments
J. Mullaney, T. Lucke and S.J. Trueman (Maroochydore, Australia)..... 157

Research Papers

- Regional landscape mapping through a method of chain standardization of Landsat images
Q. Meng (Starkville, MS, USA)..... 1
- Simulation of crane habitat fragmentation in the North and South Korean border region after Korean reunification
C.Y. Sung (Daegu, South Korea)..... 10
- Environmental affordances: A practical approach for design of nearby outdoor settings in urban residential areas
S. Hadavi, R. Kaplan and M.C.R. Hunter (Ann Arbor, MI, USA) 19
- Determinants of urban-rural land surface temperature differences – A landscape scale perspective
M. Heini, A. Hammerle, U. Tappeiner and G. Leitinger (Innsbruck, Austria) 33
- How do amenity migrants learn to be environmental stewards of rural landscapes?
B. Cooke and R. Lane (Melbourne, Australia)..... 43
- A spatial ecological assessment of fragmentation and disturbance effects of the Swedish road network
M. Karlson and U. Mörtberg (Stockholm, Sweden) 53
- Calculating cooling extents of green parks using remote sensing: Method and test
W. Lin (Beijing, China and China), T. Yu, X. Chang, W. Wu and Y. Zhang (Beijing, China) 66
- The influence of road traffic on birds during autumn period: Implications for planning and management of road network
J. Wiącek, M. Polak, M. Kucharczyk and J. Bohatkiewicz (Lublin, Poland)..... 76
- Objectively measured differences in physical activity in five types of schoolyard area
H.B. Andersen, C.D. Klinker, M. Toftager, C.S. Pawlowski and J. Schipperijn (Odense, Denmark) 83
- A comparative study of urban expansion in Beijing, Tianjin and Shijiazhuang over the past three decades
W. Wu, S. Zhao, C. Zhu (Beijing, China) and J. Jiang (Nanjing, China)..... 93
- How do river dynamics and human influences affect the landscape pattern of fluvial corridors? Lessons from the Magra River, Central-Northern Italy
S. Dufour (Rennes, France), M. Rinaldi (Firenze, Italy), H. Piégay (Lyon, France) and A. Michalon (Aix en Provence, France) 107
- Management alters C allocation in turfgrass lawns
P.J. Lilly, J.C. Jenkins (Burlington, VT, USA) and M.J. Carroll (USA) 119
- Planning for cooler cities: A framework to prioritise green infrastructure to mitigate high temperatures in urban landscapes
B.A. Norton (Richmond, Australia), A.M. Coutts (Clayton, Australia), S.J. Livesley (Richmond, Australia), R.J. Harris (Clayton, Australia), A.M. Hunter and N.S.G. Williams (Richmond, Australia)..... 127
- Citizen science in action—Evidence for long-term, region-wide House Sparrow declines in Flanders, Belgium
G. De Coster (Ghent, Belgium and São Paulo, Brazil), J. De Laet (Ghent, Belgium and Sint-Niklaas, Belgium), C. Vangestel (Ghent, Belgium and Brussels, Belgium), F. Adriaensen (Antwerpen, Belgium) and L. Lens (Ghent, Belgium) 139

Urban heat island and indoor comfort effects in social housing dwellings E.L. Krüger (Curitiba, Brazil)	147
Factors influencing zoning ordinance adoption in rural and exurban townships C.M. Locke and A.R. Rissman (Madison, WI, USA).....	167
Factors driving the vascular plant species richness in urban green spaces: Using a multivariable approach S.A. Matthies, S. Rüter, R. Prasse and F. Schaarschmidt (Hannover, Germany)	177
Urbanisation of the wood pigeon (<i>Columba palumbus</i>) in Finland K. Fey, T. Vuorisalo (Turku, Finland), A. Lehikoinen (Helsinki, Finland) and V. Selonen (Turku, Finland)	188
Linking ecology and aesthetics in sustainable agricultural landscapes: Lessons from the Palouse region of Washington, U.S.A. L.R. Klein, W.G. Hendrix, V.I. Lohr, J.B. Kaytes, R.D. Saylor, M.E. Swanson (Pullman, WA, USA), W.J. Elliot (Moscow, ID, USA) and J.P. Reganold (Pullman, WA, USA)	195
Effects of irrigated parks on outdoor residential water use in a semi-arid city E.B. Halper, S. Dall'erba (Tucson, AZ, USA), R.H. Bark (Brisbane, Australia), C.A. Scott and S.R. Yool (Tucson, AZ, USA).....	210
Go greener, feel better? The positive effects of biodiversity on the well-being of individuals visiting urban and peri-urban green areas G. Carrus, M. Scopelliti, R. Laforteza, G. Colangelo, F. Ferrini, F. Salbitano, M. Agrimi, L. Portoghesi, P. Semenzato and G. Sanesi (Italy)	221
Exploring Green Streets and rain gardens as instances of small scale nature and environmental learning tools S.P. Church (West Lafayette, IN, USA).....	229