

## Research Papers

Noise pollution in national parks: Soundscape and economic valuation C. Iglesias Merchan, L. Diaz-Balteiro (Madrid, Spain) and M. Soliño (Madrid, Spain and Palencia, Spain) .....	1
A case study on controlling sound fields in a courtyard by landscape designs M.-J. Kim (Seoul, South Korea), H.-S. Yang (Sheffield, UK) and J. Kang (Sheffield, UK and Harbin, China).....	10
Governance for private green spaces in a growing Indian city K. Balooni, K. Gangopadhyay (Kozhikode, India) and B.M. Kumar (New Delhi, India) .....	21
Effects of landscape on soundscape perception: Soundwalks in city parks J. Liu (Sheffield, UK and Rostock, Germany), J. Kang (Sheffield, UK), H. Behm (Rostock, Germany) and T. Luo (Xiamen, China)....	30
Quantifying carbon sequestration of various green roof and ornamental landscape systems L.J. Whittinghill (New York, NY, USA), D.B. Rowe, R. Schutzki and B.M. Cregg (East Lansing, MI, USA) .....	41
A field experiment on the impact of sounds from a jet-and-basin fountain on soundscape quality in an urban park Ö. Axelsson (Sheffield, UK and Stockholm, Sweden), M.E. Nilsson, B. Hellström and P. Lundén (Stockholm, Sweden) .....	49
Estimating potential outdoor water consumption in private urban landscapes by coupling high-resolution image analysis, irrigation water needs and evaporation estimation in Spain A. Hof and N. Wolf (Germany).....	61
On the thermal characteristics and the mitigation potential of a medium size urban park in Athens, Greece F. Skoulika (Athens, Greece), M. Santamouris (Athens, Greece and Nicosia, Cyprus), D. Kolokotsa (Chania, Greece) and N. Boemi (Athens, Greece) .....	73
Efficiency of parks in mitigating urban heat island effect: An example from Addis Ababa G.L. Feyisa, K. Dons and H. Meilby (Frederiksberg C, Denmark).....	87
Relating landscape characteristics to non-point source pollution in a typical urbanized watershed in the municipality of Beijing Z. Shen, X. Hou, W. Li and G. Aini (Beijing, China).....	96
The effects of decaying logs on the aesthetic experience and acceptability of urban forests – Implications for forest management K. Hauru, S. Koskinen, D.J. Kotze and S. Lehvävirta (Finland) .....	114
Physical activity and the neighborhood environment in a heavy snowfall area in Japan: The role of “ <i>Gangi-dori</i> ” S. Kosaka, M. Umezaki (Bunkyo-ku, Japan), M. Ishikawa (Kita-ku, Japan) and C. Watanabe (Bunkyo-ku, Japan).....	124
Estimating the allergenic potential of urban green spaces: A case-study in Granada, Spain P. Cariñanos, M. Casares-Porcel (Granada, Spain) and J.-M. Quesada-Rubio (Ganada, Spain) .....	134
The relationships between landscape compositions and land surface temperature: Quantifying their resolution sensitivity with spatial regression models J. Song (Beijing, China and New Haven, CT, USA), S. Du, X. Feng and L. Guo (Beijing, China).....	145
<b>Research Note</b>	
Benefits of urban landscape eco-volunteerism: Mixed methods segmentation analysis and implications for volunteer retention S.T. Asah, M.M. Lenentine and D.J. Blahna (Seattle, WA, USA) .....	108
Call for Papers Geodesign: Changing the World, Changing Design.....	158