

**Perspective Essay**

'Research through designing' in landscape architecture S. Lenzholzer, I. Duchhart and J. Koh (The Netherlands).....	120
--	-----

**Research Papers**

Growing summer energy conservation through residential tree planting M. Sawka (Toronto, Canada), A.A. Millward (Canada), J. Mckay (Toronto, Canada) and M. Sarkovich (Sacramento, CA, USA).....	1
A comparison of neighborhood characteristics related to canopy cover, stem density and species richness in an urban forest T.M. Conway and K.S. Bourne (Mississauga, Canada) .....	10
A disaster waiting to happen—On the dynamic relations between geological processes and development in a desert environment I.A. Meir, Y. Avni, A. Peeters and S. Meir (Israel).....	19
Towards contextually sensitive urban densification: Location-based softGIS knowledge revealing perceived residential environmental quality M. Kytä, A. Broberg, T. Tzoulas and K. Snabb (Aalto, Finland) .....	30
Impacts of urbanisation on the thermal behaviour of new built up environments: A scoping study of the urban heat island in Bahrain H. Radhi (Manama, Bahrain), F. Fikry (Al-Ain, United Arab Emirates) and S. Sharples (UK) .....	47
Directing urban development to the right places: Assessing the impact of urban development on water quality in an estuarine environment O. Marinoni, A. Higgins (Dutton Park, Australia), P. Coad (Australia) and J. Navarro Garcia (Dutton Park, Australia).....	62
Modeling the urban landscape dynamics in a megalopolitan cluster area by incorporating a gravitational field model with cellular automata C. He, Y. Zhao (Beijing, China), J. Tian (Worcester, MA, USA) and P. Shi (Beijing, China) .....	78
Revisiting the River Skerne: The long-term social benefits of river rehabilitation E.U. Åberg and S. Tapsell (UK) .....	94
Perceptions and use of public green space is influenced by its relative abundance in two small towns in South Africa C.M. Shackleton and A. Blair (Grahamstown, South Africa).....	104
The compensation hypothesis in Barcelona measured through the ecological footprint of mobility and housing I. Muñiz (Barcelona, Spain), D. Calatayud and R. Dobaño (Spain).....	113
Attitudes and experiences of tourists on calligraphic landscapes: A case study of Guilin, China Q. Qi, Y. Yang (USA) and J. Zhang (PR China) .....	128
Amphibian use of urban stormwater wetlands: The role of natural habitat features B.R. Scheffers and C.A. Paszkowski (Edmonton, Canada) .....	139

**Research Note**

Physiological and psychological effects of viewing urban forest landscapes assessed by multiple measurements Y. Tsunetsugu (Tsukuba, Japan), J. Lee, B.-J. Park (Daejeon, Republic of Korea), L. Tyrväinen (Rovaniemi, Finland), T. Kagawa (Tsukuba, Japan) and Y. Miyazaki (Kashiwa, Japan).....	90
Call for papers .....	150