

Robert D. Brown
May 2025

Academic Background

Ph.D. Micrometeorology, University of Guelph, Canada 1985
M.L.A. Landscape Architecture, University of Guelph, Canada 1982
B.Sc. Geography (*magnis cum honoribus*) University of Saskatchewan, Canada 1979

Academic Experience

Texas A&M University

Professor of Landscape Architecture and Urban Planning (2016-present)

University of Guelph

University Professor Emeritus (2018 – present)
Professor of Landscape Architecture, University of Guelph (1996 – 2016)
Associate Professor, University of Guelph (1990 - 1996)
Assistant Professor, University of Guelph (1985 - 1990)

Administrative Roles

Director - School of Environmental Design and Rural Development (interim) (2006)

Director - Doctor of Philosophy Rural Studies (1997-1999)

Coordinator - Master of Landscape Architecture Program (1993-1997)

Professional Memberships and Licensure

Fellow, Council of Educators in Landscape Architecture
Fellow, Canadian Society of Landscape Architects
Member, Saskatchewan Association of Landscape Architects (professional licensure)

Recognition and Awards

2025: *Research Impact Award*. Department of Landscape Architecture and Urban Planning, Texas A&M University

2024: *Career Achievement Award*. College of Architecture. Texas A&M University.

2023: *Outstanding Mentor Award*, Department of Landscape Architecture and Urban Planning, Texas A&M University

2018: *University Professor Emeritus*. University of Guelph, Canada.

2014: *Inducted into the College of Fellows*. Canadian Society of Landscape Architects. 2009-2010: *Award of Excellence in Research*. American Society of Landscape Architects. Advisor for Graham Slater, winner of the American Society of Landscape Architects 2010 “Excellence Award for Research”, the top international award for student research

2013-2014: *Research and Innovation Award*. Ontario Association of Landscape Architects. 2013-2007-

2008: *Regional Citation Award*. Canadian Society of Landscape Architects. Rural by Choice in Southern Ontario, Lee-Anne Milburn and Robert D. Brown

2007-2008: *Merit Award for Research, Development and Communication*. New York State Chapter of the American Society of Landscape Architects. Microclimate Modeling of the New York Times Tower, Manhattan. Henry White, Cornelia Hann Oberlander, Robert D. Brown, Robert LeBlanc

2006-2007: *Elected Fellow*. College of Fellows of the Council of Educators in Landscape Architecture.

2006-2007: *National Teaching Medal*. Canadian Society of Landscape Architects. "In recognition of a substantial and significant contribution to a landscape architecture program of education". One award in Canada per year.

2004-2005: *National Merit Award*. Canadian Society of Landscape Architects. The Relationship Between Research and Design in Landscape Architecture, Milburn, Lee-Anne M. and Robert D. Brown

2004-2005: Ontario Agricultural College Distinguished Teaching Award.

1995-1996: Council for Educators in Landscape Architecture Award of Distinction for the Creative Integration of Research and Teaching. Spokane, Washington

May 5, 2025

Google Scholar Citations = 8763

H-Index = 51

I-10 Index = 119

Refereed Journal Articles Published

NOTE: Student co-authors denoted by *

133. Renzhi Wu, Xiaoshan Fang, Shuang Liu, Junsong Wang, Xue Zhong, Robert Brown, Qinglin Meng. 2025. A diagnostic equation for understanding courtyard thermal radiation environments: Evidence from courtyards in central Guangdong, China, *Building and Environment*, Volume 278, 112970, ISSN 0360-1323, <https://doi.org/10.1016/j.buildenv.2025.112970>.

132. SW Kim*, RD Brown. 2025. Measuring the impact of the urban microclimate on housing price using the spatial hedonic pricing method: The case study of Mueller, Austin, TX. *Applied Geography* 174, 103483

131. W. Yoo*, MJ Clayton, RD Brown. 2024. From BIM to thermal comfort: Leveraging BIM for rapid outdoor comfort assessments. *Energy and Buildings* 321, 114664

130. H. Zhao*, G Xu, Y Shi, Y Zhai, L Zhao, RD Brown. 2024. Evaluation of Pedestrian Thermal Comfort from a Whole-Trip Perspective: An Outdoor Empirical Study. *Sustainable Cities and Society*, 105872

129. H. Zhao*, L Zhao, Y Zhai, L Jin, Q Meng, J Yan, R Wu, RD Brown. 2024. The impact of dynamic thermal experiences on pedestrian thermal comfort: A whole-trip perspective from laboratory studies. *Building and Environment* 258, 111599

128. S. Yu, KL Lei*, D Li, YJ Kim, M Nemoto, S Gatson, M Yokohari, R Brown. 2024. Plan integration for urban extreme heat: Evaluating the impacts of plans at multiple scales in Tokyo, Japan, *Urban Climate* 55, 101888

127. S. Brandsma*, S. Lenzholer, GJ Carsjens, RD Brown, S. Tavares. 2024. Implementation of urban climate-responsive design strategies: An International Overview. *Journal of Urban Design*, 1-26.

126. R Wu*, X Fang, R Brown, S Liu, H Zhao. Establishing a link between complex courtyard spaces and thermal comfort: A major advancement in evidence-based design. *Building and Environment* 245, 110852

125. H Zhao*, S Wang, Y Zhang, L Zhao, Y Zhai, RD Brown, L Jin, R Wu*. The effect of solar radiation on pedestrian thermal comfort: A climate chamber experiment. *Building and Environment* 245, 110869

124. SW Kim*, RD Brown Development of a micro-scale heat island (MHI) model to assess the thermal environment in urban street canyons.. *Renewable and Sustainable Energy Reviews* 184, 113598

123. YJ Kim*, D Li, Y Xu, Y Zhang, X Li, L Muhlenforth*, S Xue, R Brown. Heat vulnerability and street-level outdoor thermal comfort in the city of Houston: Application of google street view image derived SVFs. *Urban Climate* 51, 101617

122. SW Kim*, RD Brown, JF Winslow Urban green and blue infrastructure effect on the micro-scale thermal environment in a residential neighborhood: Mueller, Austin, TX. *International Journal of Sustainable Development & World Ecology*, 1-15
121. D Li, Y Zhang*, X Li*, K Zhang, Y Lu, R Brown. Climatic and meteorological exposure and mental and behavioral health: A systematic review and meta-analysis. *Science of The Total Environment*, 164435
120. R Wu*, X Fang, R Brown, S Liu, H Zhao. The COMFACourtyard model for assessing courtyard thermal comfort in hot and humid regions: A comparative study with existing models. *Building and Environment* 234, 110150
119. R Wu*, X Fang, S Liu, Q Li, R Brown, J Yan. A workflow for rapid assessment of complex courtyard wind environment based on parallel lattice Boltzmann method. *Building and Environment* 233, 110112
118. Z Lian, B Liu, RD Brown Exploring the Predictive Potential of Physiological Measures of Human Thermal Strain in Outdoor Environments in Hot and Humid Areas in Summer—A Case Study of Shanghai, China.. *International Journal of Environmental Research and Public Health* 20 (6), 5017
117. X Li*, J Peng*, D Li, RD Brown. 2023. A Framework for Evidence-Based Landscape Architecture: Cooling a Hot Urban Climate Through Design. *Sustainability* 15 (3), 2301
116. N Mohammadzadeh*, A Karimi, RD Brown. 2023. The influence of outdoor thermal comfort on acoustic comfort of urban parks based on plant communities. *Building and Environment* 228, 109884
115. Li, Dongying, Y Zhang*, X Li*, M Meyer, M Bazan, RD Brown. 2023. "I didn't know what to expect or What to do": Impacts of a severe winter storm on residents of subsidized housing in Texas. *International Journal of Disaster Risk Reduction* 84, 103456
114. YJ Kim*, S Yu, D Li, SN Gatson, RD Brown. 2022. Linking landscape spatial heterogeneity to urban heat island and outdoor human thermal comfort in Tokyo: Application of the outdoor thermal comfort index. *Sustainable Cities and Society* 87, 104262
113. B Halder, A Karimi, P Mohammad, J Bandyopadhyay, RD Brown. 2022. Investigating the relationship between land alteration and the urban heat island of Seville city using multi-temporal Landsat data. *Theoretical and Applied Climatology* 150 (1-2), 613-635
112. Z Liu, KY Cheng, Y He, CY Jim, RD Brown, Y Shi, K Lau, E Ng. 2022. Microclimatic measurements in tropical cities: Systematic review and proposed guidelines. *Building and Environment*, 109411
111. N Narimani, A Karimi, RD Brown. 2022. Effects of street orientation and tree species thermal comfort within urban canyons in a hot, dry climate. *Ecological Informatics* 69, 101671
110. J Kim*, DK Lee, RD Brown, S Kim, JH Kim, S Sung. The effect of extremely low sky view factor on land surface temperatures in urban residential areas. *Sustainable Cities and Society* 80, 103799
109. D Li, GD Newman, B Wilson, Y Zhang*, RD Brown. 2022. Modeling the relationships between historical redlining, urban heat, and heat-related emergency department visits: An examination of 11 Texas cities. *Environment and Planning B: Urban Analytics and City Science* 49 (3), 933-952
108. SW Kim*, RD Brown. 2022. Pedestrians' behavior based on outdoor thermal comfort and micro-scale thermal environments, Austin, TX. *Science of the total environment* 808, 152143
107. Karimi, A., YJ Kim, N Zadeh, A. García-Martínez, S Delfani, R. D. Brown, D. Moreno-Rangel, and P. Mohammad. 2022. "Assessment of Outdoor Design Conditions on the Energy Performance of Cooling Systems in Future Climate Scenarios—A Case Study over Three Cities of Texas, Unites States" *Sustainability* 14, no. 22: 14848. <https://doi.org/10.3390/su142214848>
106. Teshnehdel S, Gatto E, Li D, Brown RD. Improving Outdoor Thermal Comfort in a Steppe Climate: Effect of Water and Trees in an Urban Park. *Land*. 2022; 11(3):431. <https://doi.org/10.3390/land11030431>
105. Kim, S. W.*, & Brown, R. D. (2022). Pedestrians' behavior based on outdoor thermal comfort and micro-scale thermal environments, Austin, TX. *Science of the total environment*, 808, 152143.

104. Lin J*, Li D, Brown RD. Microclimatic Landscape Architecture: From Theory to Application. *Urban Science*. 2022; 6(1):9. <https://doi.org/10.3390/urbansci6010009>
103. Li, X*, Zhang, Y*, Li, D., Xu, Y., & Brown, R. D. (2022). Ameliorating cold stress in a hot climate: Effect of Winter Storm Uri on residents of subsidized housing neighborhoods. *Building and Environment*, 209, 108646.
102. Lee, K*, & Brown, R. D. (2022). Effects of Urban Landscape and Sociodemographic Characteristics on Heat-Related Health Using Emergency Medical Service Incidents. *International Journal of Environmental Research and Public Health*, 19(3), 1287.
101. Tang H, Rising HH, Majji M, Brown RD. Long-Term Space Nutrition: A Scoping Review. *Nutrients*. 2022; 14(1):194. <https://doi.org/10.3390/nu14010194>
100. Cheng, W*, Li, D., Liu, Z., & Brown, R. D. (2021). Approaches for identifying heat-vulnerable populations and locations: A systematic review. *Science of The Total Environment*, 799, 149417.
99. Lee K*, Brown RD. Estimating Terrestrial Radiation for Human Thermal Comfort in Outdoor Urban Space. *Atmosphere*. 2021; 12(12):1701. <https://doi.org/10.3390/atmos12121701>
98. Kim, Y. J*, & Brown, R. D. (2021). A multilevel approach for assessing the effects of microclimatic urban design on pedestrian thermal comfort: The High Line in New York. *Building and Environment*, 205, 108244.
97. Karimi, A., Mohammad, P., Gachkar, S., Gachkar, D., García-Martínez, A., Moreno-Rangel, D., & Brown, R. D. (2021). Surface Urban Heat Island Assessment of a Cold Desert City: A Case Study over the Isfahan Metropolitan Area of Iran. *Atmosphere*, 12(10), 1368.
96. Vecellio, D. J., Bardenhagen, E. K., Lerman, B., & Brown, R. D. (2021). The role of outdoor microclimatic features at long-term care facilities in advancing the health of its residents: An integrative review and future strategies. *Environmental research*, 201, 111583.
95. Kim, S. W.*, & Brown, R. D. (2021). Urban heat island (UHI) variations within a city boundary: A systematic literature review. *Renewable and Sustainable Energy Reviews*, 148, 111256.
94. Li, D., Newman, G. D., Wilson, B., Zhang, Y.*, & Brown, R. D. (2021). Modeling the relationships between historical redlining, urban heat, and heat-related emergency department visits: An examination of 11 Texas cities. *Environment and Planning B: Urban Analytics and City Science*, 23998083211039854.
93. Kim, S.W*. and R. D. Brown. 2021. Urban heat island (UHI) intensity and magnitude estimations: A systematic literature review. *Science of the Total Environment* 779, 146389
92. Vanos, J., Brown, R.D. In memoriam of Professor Terry Gillespie. *Int J Biometeorol* **65**, 985–987 (2021). <https://doi.org/10.1007/s00484-021-02144-7>
91. Vanos, J.K., Rykaczewski, K., Middel, A. *et al.* Improved methods for estimating mean radiant temperature in hot and sunny outdoor settings. *Int J Biometeorol* **65**, 967–983 (2021).
90. Lin J*, Brown RD. Integrating Microclimate into Landscape Architecture for Outdoor Thermal Comfort: A Systematic Review. *Land*. 2021; 10(2):196.
89. McWilliam, W., Wesener, A., Sukumar, A*. and Brown, R.D., 2020. Reducing the Incidence of Skin Cancer through Landscape Architecture Design Education. *Sustainability*, 12(22), p.9402.
88. Lenzholzer, S., Carsjens, G.J., Brown, R.D., Tavares, S., Vanos, J., Kim, Y*. and Lee, K*, 2020. Awareness of urban climate adaptation strategies—an international overview. *Urban Climate*, 34, p.100705.
87. Cheng, W*, J.O. Spengler, and R.D. Brown. 2020. A Comprehensive Model for Estimating Heat Vulnerability of Young Athletes. *International Journal of Environmental Research and Public Health*.
86. Hastings, S*, Kim, S.W*. and Brown, R.D., 2020. Face Temperature as an Indicator of Thermal Stress in Outdoor Work Environments. *Atmosphere*, 11(6), p.627. Impact Factor: 1.704
85. Cheng, W*, Brown, R., Vernez, D. and Goldberg, D., 2020. Estimation of Individual Exposure to Erythral Weighted UVR by Multi-Sensor Measurements and Integral Calculation. *Sensors*, 20(15).

84. Lian, Z., Liu, B. and Brown, R.D., 2020. Exploring the Suitable Assessment Method and Best Performance of Human Energy Budget Models for Outdoor Thermal Comfort in Hot and Humid Climate Area. *Sustainable Cities and Society*. Impact Factor: 5.268. Cite Score: 7.5
83. Lenzholzer, S., Carsjens, G.J., Brown, R.D., Tavares, S., Vanos, J., Kim, Y*. and Lee, K.*, 2020. Urban climate awareness and urgency to adapt: An international overview. *Urban Climate*, 33. Impact Factor: 3.834.
82. Sohn, W.*, Kim, J.H., Li, M.H., Brown, R.D. and Jaber, F.H., 2020. How does increasing impervious surfaces affect urban flooding in response to climate variability? *Ecological Indicators*, 118. Impact Factor: 4.800
81. Teshnehdel, S., H. Akbari, E. Di Giuseppe, and R.D. Brown. 2020. Effect of tree cover and tree species on microclimate and pedestrian comfort in a residential district in Iran. *Building and Environment*.
80. Cheng, W*. and R.D. Brown. 2020. An Energy Budget Model for Estimating the Thermal Comfort of Children. *International Journal of Biometeorology*. Impact factor 2.377
79. Liu, Z., R. D. Brown, S. Zheng, L. Zhang, L. Zhao. 2020. The Effect of Trees on Human Energy Fluxes: An experimental study in Guangzhou, China. *International Journal of Biometeorology*. Impact factor 2.377
78. Zhao, L., Z. Liu, R. D. Brown, S. Zheng, and Y. Jiang. 2020. An In-Depth Analysis of the Effect of Trees on Human Energy Fluxes. *Urban Forestry and Urban Greening*. Impact factor 3.043
77. Brown, R.D, T. Tasnum*, and Y.J. Kim*. 2020. Assessing U.S. Landscape Architecture Faculty Research Contribution. *Land*. 9(3), 64; <https://doi.org/10.3390/land9030064> Impact factor 2.180
76. Brown, R.D. and R.C. Corry. 2020. Evidence-Based Landscape Architecture for Human Health and Well-Being. *Sustainability*. Impact factor 2.592
75. Brown, R.D. 2019. Correcting the Error in Measuring Radiation Received by a Person: Introducing Cylindrical Radiometers. *Sensors*. 19 (23), 5085 Impact factor 3.031
74. Liu, B., Lian, Z. and Brown, R.D., 2019. Effect of Landscape Microclimates on Thermal Comfort and Physiological Wellbeing. *Sustainability*, 11 (19) 5387. Impact Factor 2.075
73. Stryker, J.A*, Atkinson, J.L., Brown, R.D., Barney, D., Robinson, J.A.B., Duncan, J. and Finegan, E.J., 2019. Behavioral repertoire assessment of Bengal tigers (*Panthera tigris*) with focus on thermoregulatory behavior. *International journal of biometeorology*, pp.1-11. Impact factor 2.377
72. Vanos, J.K., Kosaka*, E., Iida, A., Yokohari, M., Middel, A., Scott-Fleming, I. and Brown, R.D., 2019. Planning for spectator thermal comfort and health in the face of extreme heat: The Tokyo 2020 Olympic marathons. *Science of The Total Environment*, 657, pp.904-917. Impact factor 5.589
71. Sohn, W*, Kim, J.H., Li, M.H. and Brown, R., 2019. The influence of climate on the effectiveness of low impact development: A systematic review. *Journal of environmental management*, 236, pp.365-379. Impact factor 4.865
70. Langley, W.N.*, R.C. Corry, and R.D. Brown. 2019. Core Knowledge Domains of Landscape Architecture. *Landscape Journal* 37:1 pp 9-21 Impact factor 0.117
69. French, E., J*. Birchall, K. Landman, and R.D. Brown. 2019. Designing public open space to support seismic resilience: A systematic review. *International Journal of Disaster Risk Reduction*. (34) pp. 1-10 Impact factor 2.568
68. Brown, R.D. 2018. Urban Design and City Microclimates. *Atmosphere* 9, (11) 448. Impact factor 1.074
67. Herdt, A*, Brown, R., Scott-Fleming, I., Cao, G., MacDonald, M., Henderson, D. and Vanos, J., 2018. Outdoor Thermal Comfort during Anomalous Heat at the 2015 Pan American Games in Toronto, Canada. *Atmosphere*, 9(8), 321. Impact factor 1.074

66. Kosaka, E*, I. Akiko, J. Vanos, A. Middel, M. Yokohari, and R.D. Brown. 2018. Microclimate Variation and Estimated Heat Stress of Runners in the 2020 Tokyo Olympic Marathon. *Atmosphere* 9(5), 192. Impact factor 1.074
65. Cox, V.S.K*, R.C. Corry, and R.D. Brown 2018. Assessing UVB radiation received by school children in mid-latitude Ontario, Canada. *Children, Youth and Environments*. 28(1), pp.30-41.
64. Graham, D.A*, Vanos, J.K., Kenny, N.A. and Brown, R.D., 2017. Modeling the Effects of Urban Design on Emergency Medical Response Calls during Extreme Heat Events in Toronto, Canada. *International Journal of Environmental Research and Public Health*, 14(7), p.778.
63. Briggs, A.G.*, Gillespie, T.J. and Brown, R.D., 2017. Measuring facial cooling in outdoor windy winter conditions: an exploratory study. *International Journal of Biometeorology*, pp.1-5.
62. Waffle, A.D.*, Corry, R.C., Gillespie, T.J. and Brown, R.D., 2017. Urban heat islands as agricultural opportunities: An innovative approach. *Landscape and Urban Planning*, 161, pp.103-114.
61. Lenzholzer, S. and Brown, R.D., 2016. Post-positivist microclimatic urban design research: A review. *Landscape and Urban Planning*, 153, pp.111-121.
60. Graham, D.A*, Vanos, J.K., Kenny, N.A. and Brown, R.D., 2016. The relationship between neighbourhood tree canopy cover and heat-related ambulance calls during extreme heat events in Toronto, Canada. *Urban Forestry & Urban Greening*, 20, pp.180-186.
59. Milburn, L.A.S*. and Brown, R.D., 2016. Research productivity and utilization in landscape architecture. *Landscape and Urban Planning*, 147, pp.71-77.
58. McWilliam, W.*, Brown, R., Eagles, P., & Seasons, M. (2015). Evaluation of planning policy for protecting green infrastructure from loss and degradation due to residential encroachment. *Land Use Policy*, 47, 459-467.
57. Brown, R., Vanos, J., Kenny, N., & Lenzholzer, S. (2015). Designing urban parks that ameliorate the effects of climate change. *Landscape and Urban Planning*, 138, 118-131.
56. Mazhar, N.*, Brown, R., Kenny, N., & Lenzholzer, S. (2015). Thermal Comfort of Outdoor Spaces in Lahore Pakistan: Lessons for Bioclimatic Urban Design in the Context of Global Climate Change. *Landscape and Urban Planning*, 138, 110-117.
55. McWilliam, W*, Eagles, P., Seasons, M., & Brown, R. D. (2014). Barriers to the effective planning and management of residential encroachment within urban forest edges: a Southern Ontario case study. *Urban Forestry & Urban Greening*, 13 (1), 48-62.
54. Lenzholzer, S. & Brown, R. (2013). Climate-Responsive Landscape Architecture Design Education. *Journal of Cleaner Production*, 61, 89-99.
53. Young, T.*, Finegan, E., & Brown, R. (2013). Effects of Summer Microclimates on Behavior of Lions and Tigers in Zoos. *International Journal of Biometeorology*, 57 (3), 381-190.
52. McWilliam, W*. & Brown, R. (2012). Effectiveness of boundary structures in limiting residential encroachment into urban forests. *Landscape Research*, 37 (3), 301-325.
51. McWilliam, W*, Eagles, P., Seasons, M., & Brown, R. (2012). Evaluation of planning and management approaches for limiting residential encroachment impacts within forest edges: A Southern Ontario case study. *Urban Ecosystems*, 15 (3), 753-772.
50. Vanos, J. K*, Slater, G. A.*, Warland, J. S., Brown, R. D., Gillespie, T. J., NA Kenny (2012). Human energy budget modeling in urban parks in Toronto, Ontario and applications to emergency stress preparedness. *Journal of Applied Meteorology and Climatology*.

49. Corry, R. C., Laforteza, R., & Brown, R. D. (2011). Cultural acceptability of alternative pit and quarry rehabilitations. *Ecological Restoration*, 29, 64-72.
48. Brown, R., Kenny, N.*, & Corry, R. C. (2011). Testing the Microclimatic Habitat Design Framework in abandoned sand and gravel extraction sites using the Karner blue butterfly. *Ecological Restoration*, 29, 52-63.
47. Jackson, D. B.*, Kelly, S. D., & Brown, R. D. (2011). Design guidelines for integrating amphibian habitat into golf course landscapes. *Landscape and Urban Planning*, 103, 156-165.
46. Brown, R. (2011). Ameliorating the effects of climate change: Modifying microclimates through design. *Landscape and Urban Planning*, 100, 372-374.
45. Brown, R. & Corry, R. C. (2011). Evidence-Based Landscape Architecture: The Maturing of a Profession. *Landscape and Urban Planning*, 100, 327-329.
44. McWilliam, W*., Eagles, P., Seasons, M., & Brown, R. (2010). The housing-forest interface: testing structural approaches for protecting suburban natural systems following development. *Urban Forestry & Urban Greening*, 9, 149-159.
43. McWilliam, W*., Eagles, P., Seasons, M., & Brown, R. (2010). Assessing the degradation effects of local residents on urban forests in Ontario, Canada. *Arboriculture & Urban Forestry*, 36, 253-260.
42. Milburn, L*, Brown, R., & Mulley, S*. (2010). "...silver in the stars and gold in the morning sun": non-farm rural landowners' motivations for rural living and attachment to their land. *Landscape Research*, 35, 27-46.
41. Corry, R. C., Laforteza, R*., & Brown, R. D. (2010). Ecological functionality of landscapes with alternative rehabilitations of depleted aggregate sites. *International Journal of Mining, Reclamation and Environment*, 24, 216-232.
40. Kenny, N. A*., Warland, J. S., Brown, R. D., & Gillespie, T. J. (2009). Part A: Assessing the performance of the COMFA outdoor thermal comfort model on subjects performing physical activity. *International Journal of Biometeorology*, 53, 415-428.
39. Kenny, N. A*., Warland, J. S., Brown, R. D., & Gillespie, T. J. (2009). Part B: Revisions to the COMFA outdoor thermal comfort model for application to subjects performing physical activity. *International Journal of Biometeorology*, 53, 429-441.
38. Laforteza, R*., Corry, R., Sanesi, G., & Brown, R. D. (2008). Visual preference and ecological assessments for designed alternative brownfield rehabilitations. *Journal of Environmental Management*, 89, 257-269.
37. Kenny, N. A*., Warland, J. S., Brown, R. D., & Gillespie, T. J. (2008). Estimating the radiation absorbed by a human. *International Journal of Biometeorology*, 52, 491-503.
36. Corry, R., Laforteza, R., Brown, R. D., & Robertson, P. J.* (2008). Using Landscape Context to Guide Ecological Restoration: An Approach for Pits and Quarries in Ontario. *Ecological Restoration*, 26, 120-127.
35. Tang, J.* & Brown, R. D. (2006). The Effect of Viewing a Landscape on Physiological Health of Elderly Women. *Journal of Housing for the Elderly*, 19, 189-204.
34. Laforteza, R*., Sanesi, G., & Brown, R. D. (2004). Emerging Relationships Between Structure and Ecological Function in the Landscape. *Landscape Review*, 9, 149-155.
33. Ward*, Sarah, & Brown, R. D. (2004). A Framework for Incorporating the Prevention of Lyme Disease Transmission into the Landscape Planning and Design Process. *Landscape and Urban Planning*, 66, 91-104.
32. Laforteza, R*., & Brown, R. D. (2004). A Framework for Landscape Ecological Design of New Patches in the Rural Landscape. *Environmental Management*, 34, 461-473.

31. Milburn, R*., Lee-Anne, M., Brown, R. D., Hiltz, S. G., & Mulley, S. J.* (2003). Assessing Academic Contributions in Landscape Architecture. *Landscape and Urban Planning*, 64, 119-129.
30. Lynn, N. A* & Brown, R. D. (2003). Effects of Recreational Use Impacts on Hiking Experiences in Natural Areas. *Landscape and Urban Planning*, 64, 77-87.
29. Milburn, L* & Brown, R. (2003). The Relationship Between Research and Design in Landscape Architecture. *Landscape and Urban Planning*, 64, 47-66.
28. Oxley, I.*, C, A., & Brown, R. D. (2003). Sustainability of Wilderness Sea Kayaking in the Bay of Fundy, Canada. *Ocean & Coastal Management*, 46, 189-197.
27. Laforteza, R.*, Sanesi, G., & Brown, R. (2003). Un approccio metodologico alla progettazione di nuove aree verdi ad uso ricreativo e sportivo. *Genio Rurale - Estimo e Territorio*, 3, 20-29.
26. Milburn, L* & Brown, R. (2003). The Relationship of Age, Gender, and Education to Research Productivity in Landscape Architecture Faculty in North America. *Landscape Journal: design, planning, and management of the land*, 22, 54-62.
25. Hands, D.* & Brown, R. (2002). Enhancing Visual Preference of Ecological Rehabilitation Sites. *Landscape and Urban Planning*, 58, 57-70.
24. Milburn, L. S.*, Brown, R. D., & Paine, C. (2001). "Research on Research": Research Attitudes and Behaviors of Landscape Architecture Faculty in North America. *Landscape and Urban Planning*, 57, 57-67.
23. Yokohari, M., Brown, R. D., Kato, K., & Yamamoto, S. (2001). The Cooling Effects of Paddy Fields on Summertime Air Temperature in Residential Tokyo, Japan. *Landscape and Urban Planning*, 53, 17-26.
22. McWilliam, W* & Brown, R. (2001). Effect of a Housing Development on Bird Species Diversity in a Forest Fragment in Ontario, Canada. *Landscape Research*, 26, 407-419.
21. Schwets, T* & Brown, R. D. (2000). Form and Structure of Maple Trees in Urban Environments. *Landscape and Urban Planning*, 46, 191-201.
20. LeBlanc, R. T* & Brown, R. D. (2000). The Use of Riparian Vegetation in Stream Temperature Modification. *Water and Environment Journal*, 14, 297-303.
19. LeBlanc, R. T*, Brown, R., & FitzGibbon, J. (1997). Modeling the effects of land use change on the water temperature in unregulated urban streams. *Journal of Environmental Management*, 49, 445-469.
18. Kato, Y., Yokohari, M., & Brown, R. D. (1997). Integration and visualization of the ecological value of rural landscapes in maintaining the physical environment of Japan. *Landscape and Urban Planning*, 39, 69-82.
17. Yokohari, M., Brown, R. D., Kato, Y., & Moriyama, H. (1997). Effects of Paddy Fields on Summertime Air and Surface Temperatures in Urban Fringe Areas of Japan. *Landscape and Urban Planning*, 38, 1-11.
16. Fleury, A. M* & Brown, R. D. (1997). A framework for the design of wildlife conservation corridors with specific application to southwestern Ontario. *Landscape and Urban Planning*, 37, 163-186.
15. McGuckin, C* & Brown, R. (1995). A Landscape Ecological Model for Wildlife Enhancement of Stormwater Management Practices in Urban Greenways. *Landscape and Urban Planning*, 33, 227-246.
14. Baschak, L. A* & Brown, R. D. (1995). An Ecological Framework for the planning, design, and management of Urban River Greenways. *Landscape and Urban Planning*, 33, 211-225.
13. Takeuchi, K., Ide, M., Yokohari, M., & Brown, R. D. (1995). The relationship of landform and biodiversity in landscape ecology. *Transactions of the Japanese Geomorphological Union.*, 16, 215-225.

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