

| STREET TREE STRUCTURE | | | | | | | |
|--|---|--|------|---------------|--------------|--|--------------------------|
| Author | Title | Journal | Year | Study Area | | | Theme/ Topic |
| | | | | Continent | Country | City/ State | |
| Abutaleb, Khaled; Freddy Mudede, Marko; Nkongolo, Nsalambi; Newete, Solomon W. | Estimating urban greenness index using remote sensing data: A case study of an affluent vs poor suburbs in the city of Johannesburg | The Egyptian Journal of Remote Sensing and Space Science | 2020 | Africa | South Africa | Johannesburg | inventory method |
| Appleton, Bonnie; Koci, Joel; French, Susan; Lestyan, Miklos; Harris, Roger | MYCORRHIZAL FUNGAL INOCULATION OF ESTABLISHED STREET TREES | Journal of Arboriculture | 2003 | North America | USA | Richmond, VA; Chesapeake, VA | establishment/ growth |
| Aval, Josselin; Demuynck, Jean; Zenou, Emmanuel; Fabre, Sophie; Sheeren, David; Fauvel, Mathieu; Adeline, Karine; Briottet, Xavier | Detection of individual trees in urban alignment from airborne data and contextual information: A marked point process approach | ISPRS Journal of Photogrammetry and Remote Sensing | 2018 | Europe | France | Toulouse | inventory method |
| Aval, Josselin; Demuynck, Jean; Zenou, Emmanuel; Fabre, Sophie; Sheeren, David; Fauvel, Mathieu; Adeline, Karine; Briottet, Xavier | Review of Urban Tree Inventory Methods Used to Collect Data at Single-Tree Level | Arboriculture & Urban Forestry | 2014 | n/a | n/a | n/a | inventory method |
| Berland, Adam, and Daniel A. Lange | Google Street View Shows Promise for Virtual Street Tree Surveys. | Urban Forestry & Urban Greening | 2017 | North America | USA | Cincinnati, Ohio | inventory method |
| Berland, Adam; Roman, Lara A.; Vogt, Jess | Can field crews telecommute? Varied data quality from citizen science tree inventories conducted using street-level imagery | Forests | 2019 | North America | USA | Chicago, IL | inventory method |
| Bird, Jessica Platt, George Melika, James A. Nicholls, Graham N. Stone, and Eileen A. Buss | Life History, Natural Enemies, and Management of <i>Disholcaspis quercusvirens</i> (Hymenoptera: Cynipidae) on Live Oak Trees. | Journal of Economic Entomology | 2013 | North America | USA | Penney Farms, Florida | disease/ pest management |
| Branson, Steve; Wegner, Jan Dirk; Hall, David; Lang, Nico; Schindler, Konrad; Perona, Pietro | From Google Maps to a fine-grained catalog of street trees | ISPRS Journal of Photogrammetry and Remote Sensing | 2018 | North America | USA | Pasadena, CA | inventory method |
| Bühler, Oliver; Kristoffersen, Palle; Larsen, Søren Ugilt | Growth of Street Trees in Copenhagen With Emphasis on the Effect of Different Establishment Concepts | Arboriculture & Urban Forestry | 2007 | Europe | Denmark | Copenhagen | establishment/ growth |
| Bühler, Oliver; Nielsen, Christian Nørgård; Kristoffersen, Palle | GROWTH AND PHENOLOGY OF ESTABLISHED TILIA CORDATA STREET TREES IN RESPONSE TO DIFFERENT IRRIGATION REGIMES | Arboriculture & Urban Forestry | 2006 | Europe | Denmark | Copenhagen | survival/ mortality |
| Burger, David W; Prager, Todd E | Deep-Rooted Trees for Urban Environments: Selection and Propagation | Arboriculture & Urban Forestry | 2008 | North America | USA | Modesto, Redwood City, Palo Alto, Berkeley, Sacramento & Sunnyvale, CA | establishment/ growth |

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|---|---|---------------------------------|------|---------------|--------------|----------------------------|--------------------------|
| Cannavo, Patrice; Guenon, Rene; Galopin, Gilles; Vidal-Beaudet, Laure | Technosols made with various urban wastes showed contrasted performance for tree development during a 3-year experiment | Environmental Earth Sciences | 2018 | Europe | France | Angers | establishment/ growth |
| Caplan, Joshua S.; Galanti, Russell C.; Olshevski, Stuart; Eisenman, Sasha W. | Water relations of street trees in green infrastructure tree trench systems | Urban Forestry & Urban Greening | 2019 | North America | USA | Philadelphia, Pennsylvania | survival/ mortality |
| Castro, Damián César, Carlos Agustín Alesso, Ariana Iaconis, María Carolina Cerino, and Marcela Buyatti. | Factors Influencing Street Tree Hazard Condition in Rafaela, Argentina | Revista Arvore | 2019 | South America | Argentina | Rafaela | establishment/ growth |
| Cekstere, Gunta; Nikodemus, Olgerts; Osvalde, Anita | Toxic impact of the de-icing material to street greenery in Riga, Latvia | Urban Forestry & Urban Greening | 2008 | Europe | Latvia | Riga | survival/ mortality |
| Cekstere, Gunta; Osvalde, Anita | A study of chemical characteristics of soil in relation to street trees status in Riga (Latvia) | Urban Forestry & Urban Greening | 2013 | Europe | Latvia | Riga | establishment/ growth |
| Coetzee, J. C.; van der Linde, E. J. | Shot-Hole Reaction of Trichilia emetica in Response to Infection by Cocconia concentrica in South Africa | Plant Disease | 2012 | Africa | South Africa | Mpumulanga | disease/ pest management |
| Conway, Tenley M.; Yip, Vivian | Assessing residents' reactions to urban forest disservices: A case study of a major storm event | Landscape and Urban Planning | 2016 | North America | Canada | Toronto, Ontario | establishment/ growth |
| Croeser, Thami; Ordóñez, Camilo; Threlfall, Caragh; Kendal, Dave; van der Ree, Rodney; Callow, David; Livesley, Stephen J. | Patterns of tree removal and canopy change on public and private land in the City of Melbourne | Sustainable Cities and Society | 2020 | Oceania | Australia | Melbourne | survival/ mortality |
| Crown, Crystal, Greer, Benjamin, Gift, Danielle, Watt, Fiona | Every Tree Counts: Reflections on NYC's Third Volunteer Street Tree Inventory | Arboriculture & Urban Forestry | 2018 | North America | USA | New York, New York | inventory method |
| Dale, Adam G.; Frank, Steven D. | The effects of urban warming on herbivore abundance and street tree condition | PloS One | 2014 | North America | USA | Raleigh, North Carolina | disease/ pest management |
| Dale, Adam G; Youngsteadt, Elsa; Frank, Steven D | Forecasting the Effects of Heat and Pests on Urban Trees: Impervious Surface Thresholds and the 'Pace-to-Plant' Technique | Arboriculture & Urban Forestry | 2016 | North America | USA | Raleigh, North Carolina | disease/ pest management |
| de la Mota Daniel, Francisco Javier; Day, Susan D.; Owen, James S.; Stewart, Ryan D.; Steele, Meredith K.; Sridhar, Venkataramana | Porous-permeable pavements promote growth and establishment and modify root depth distribution of Platanus × acerifolia (Aiton) Willd. in simulated urban tree pits | Urban Forestry & Urban Greening | 2018 | North America | USA | Virginia Beach, Virginia | establishment/ growth |

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|--|---|---------------------------------|------|---------------|-----------|---------------------------------|--------------------------|
| Dmuchowski, Wojciech; Brągoszewska, Paulina; Gozdowski, Dariusz; Baczewska-Dabrowska, Aneta B.; Chojnacki, Tadeusz; Jozwiak, Adam; Swiezewska, Ewa; Gworek, Barbara; Suwara, Irena | Strategy of Ginkgo biloba L. in the mitigation of salt stress in the urban environment | Urban Forestry & Urban Greening | 2019 | Europe | Poland | Warsaw | survival/ mortality |
| Duarte, V.; Silva, E. G.; Hass, I. C. R.; Bedendo, I. P.; Kitajima, E. W. | First Report of a Group 16SrIII-B Phytoplasma Associated with Decline of China Tree in Brazil | Plant Disease | 2009 | South America | Brazil | Porto Alegre | disease/ pest management |
| Fang, Fang; McNeil, Brenden E.; Warner, Timothy A.; Maxwell, Aaron E.; Dahle, Gregory A.; Eutsler, Earl; Li, Junli | Discriminating tree species at different taxonomic levels using multi-temporal WorldView-3 imagery in Washington D.C., USA | Remote Sensing of Environment | 2020 | North America | USA | Washington, D.C. | inventory method |
| Fang, Fang; McNeil, Brenden; Warner, Timothy; Dahle, Gregory; Eutsler, Earl | Street tree health from space? An evaluation using WorldView-3 data and the Washington D.C. Street Tree Spatial Database | Urban Forestry & Urban Greening | 2020 | North America | USA | Washington, D.C. | inventory method |
| Fostad, Oddmund; Pedersen, Per Anker | PROGENY TESTING IN STREET TREES SUBJECTED TO ROADSIDE SOIL POLLUTION | Journal of Arboriculture | 1998 | Europe | Norway | Oslo | survival/ mortality |
| Frank, Steven D | A Survey of Key Arthropod Pests on Common Southeastern Street Trees | Arboriculture & Urban Forestry | 2019 | North America | USA | n=13 Southern states | disease/ pest management |
| Gebert, L.L.; Coutts, A.M.; Tapper, N.J. | The influence of urban canyon microclimate and contrasting photoperiod on the physiological response of street trees and the potential benefits of water sensitive urban design | Urban Forestry & Urban Greening | 2019 | Oceania | Australia | Melbourne | survival/ mortality |
| Gerhold, Henry D | SERVICEBERRY CULTIVARS TESTED AS STREET TREES: INITIAL RESULTS | Journal of Arboriculture | 1999 | North America | USA | n=10 Pennsylvania, n=1 New York | establishment/ growth |
| Gerhold, Henry D | TREE LILAC CULTIVARS TESTED AS STREET TREES: INITIAL RESULTS | Journal of Arboriculture | 1999 | North America | USA | n=10 Pennsylvania, n=2 New York | establishment/ growth |
| Gerhold, Henry D | CRABAPPLE CULTIVARS TESTED AS STREET TREES: SECOND REPORT | Journal of Arboriculture | 2000 | North America | USA | Pennsylvania n=26, Maryland n=1 | establishment/ growth |
| Gerhold, Henry D | CALLERY PEAR CULTIVARS TESTED AS STREET TREES: SECOND REPORT | Journal of Arboriculture | 2000 | North America | USA | n=11 Pennsylvania | establishment/ growth |
| Gerhold, Henry D | Tree Lilac (Syringa reticulata) Cultivars Tested As Street Trees: Second Report | Arboriculture & Urban Forestry | 2007 | North America | USA | Pennsylvania n=12, New York=1 | establishment/ growth |

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| Gerhold, Henry D | Crabapple Cultivars Tested As Street Trees: Third Report | Arboriculture & Urban Forestry | 2007 | North America | USA | Pennsylvania n=30, Maryland n=1 | establishment/ growth |
| Gerhold, Henry D | Callery Pear Cultivars Tested As Street Trees: Final Report on a 12-year Study | Arboriculture & Urban Forestry | 2007 | North America | USA | Pennsylvania n=11 | establishment/ growth |
| Gerhold, Henry D | Serviceberry Cultivars Tested as Street Trees: Second Report | Arboriculture & Urban Forestry | 2008 | North America | USA | Pennsylvania n=14, New York=2 | establishment/ growth |
| Ghosh, Subhadip, Bryant C. Scharenbroch, Daniel Burcham, Lai Fern Ow, S. Shenbagavalli, and S. Mahimairaja | Influence of Soil Properties on Street Tree Attributes in Singapore | Urban Ecosystems | 2016 | Asia | Singapore | Singapore | survival/ mortality |
| Gillner, Sten; Korn, Sandra; Roloff, Andreas | Leaf-Gas Exchange of Five Tree Species at Urban Street Sites | Arboriculture & Urban Forestry | 2015 | Europe | Germany | Dresden | establishment/ growth |
| Gillner, Sten; Vogt, Juliane; Roloff, Andreas | Climatic response and impacts of drought on oaks at urban and forest sites | Urban Forestry & Urban Greening | 2013 | Europe | Germany | Dresden | establishment/ growth |
| Grabosky, J.; Bassuk, N. | Seventeen years' growth of street trees in structural soil compared with a tree lawn in New York City | Urban Forestry & Urban Greening | 2016 | North America | USA | New York, New York | establishment/ growth |
| Grabosky, Jason; Bassuk, Nina; Marranca, B Z | PRELIMINARY FINDINGS FROM MEASURING STREET TREE SHOOT GROWTH IN TWO SKELETAL SOIL INSTALLATIONS COMPARED TO TREE LAWN PLANTINGS | Journal of Arboriculture | 2002 | North America | USA | Brooklyn and Ithaca New york | establishment/ growth |
| Grabosky, Jason; Gucunski, Nenad | Modelling the influence of root position and growth on pavement tensile crack failure when occurring under three thicknesses of asphaltic concrete | Urban Forestry & Urban Greening | 2019 | n/a | n/a | n/a | establishment/ growth |
| Hallett, Richard; Johnson, Michelle L.; Sonti, Nancy F. | Assessing the tree health impacts of salt water flooding in coastal cities: A case study in New York City | Landscape and Urban Planning | 2018 | North America | USA | New York, New York | survival/ mortality |
| Hauer, Richard J.; Koeser, Andrew K.; Parbs, Stephani; Kringer, Jim; Krouse, Randy; Ottman, Ken; Miller, Robert W.; Sivyer, David; Timilsina, Nilesh; Werner, Les P. | Long-term effects and development of a tree preservation program on tree condition, survival, and growth | Landscape and Urban Planning | 2020 | North America | USA | Milwaukee, WI | survival/ mortality |
| Hilbert, Deborah R.; North, Eric A.; Hauer, Richard J.; Koeser, Andrew K.; McLean, Drew C.; Northrop, Robert J.; Andreu, Michael; Parbs, Stephani | Predicting trunk flare diameter to prevent tree damage to infrastructure | Urban Forestry & Urban Greening | 2020 | North America | USA | Milwaukee, WI, Minneapolis, MN, Saint Paul, MN, Tampa, FL | establishment/ growth |

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|---|--|--|------|---------------|-------------|------------------------|--------------------------|
| Husain, Arshad; Vaishya, Rakesh Chandra | Detection and thinning of street trees for calculation of morphological parameters using mobile laser scanner data | Remote Sensing Applications: Society and Environment | 2019 | North America | Canada | Ontario | inventory method |
| Jim, C.Y.; Liu, Howard H.T. | Storm damage on urban trees in Guangzhou, China | Landscape and Urban Planning | 1997 | Asia | China | Guangzhou | inventory method |
| Joyner, Jessica Lee; Kerwin, Jordan; Deeb, Maha; Lozefski, George; Prithiviraj, Bharath; Paltseva, Anna; McLaughlin, John; Groffman, Peter; Cheng, Zhongqi; Muth, Theodore R. | Green Infrastructure Design Influences Communities of Urban Soil Bacteria | Frontiers in Microbiology | 2019 | North America | USA | New York, New York | establishment/ growth |
| Jutras, P.; Prasher, S.O.; Mehuys, G.R. | Artificial neural network prediction of street tree growth patterns | Transactions of the ASABE | 2010 | North America | Canada | Montreal, Quebec | inventory method |
| Jutras, Pierre; Prasher, Shiv O.; Mehuys, Guy R. | Prediction of street tree morphological parameters using artificial neural networks | Computers and Electronics in Agriculture | 2009 | North America | Canada | Montreal, Quebec | inventory method |
| Jutras, Pierre; Prasher, Shiv O; Dutilleul, Pierre | Identification of Significant Street Tree Inventory Parameters Using Multivariate Statistical Analyses | Arboriculture & Urban Forestry | 2009 | North America | Canada | Montreal, Quebec | inventory method |
| Jutras, Pierre; Prasher, Shiv O; Mehuys, Guy R | Appraisal of Key Abiotic Parameters Affecting Street Tree Growth | Arboriculture & Urban Forestry | 2010 | North America | Canada | Montreal, Quebec | establishment/ growth |
| Kämäräinen, Antti S; Riikonen, Anu; Simojoki, Asko; Lindén, Leena | A Case Study of Street Tree Soil Aeration in Two Different Soil Types | Arboriculture & Urban Forestry | 2018 | Europe | Finland | Helsinki | establishment/ growth |
| Kang, Zhizhong; Yang, Juntao | A probabilistic graphical model for the classification of mobile LiDAR point clouds | ISPRS Journal of Photogrammetry and Remote Sensing | 2018 | Asia | China | Wuhan | inventory method |
| Kargar, Maryam; Clark, O. Grant; Hendershot, William H.; Jutras, Pierre; Prasher, S.O. | Bioavailability of sodium and trace metals under direct and indirect effects of compost in urban soils | Journal of Environmental Quality | 2016 | North America | Canada | Montreal, Quebec | establishment/ growth |
| Kargar, Maryam; Clark, O. Grant; Hendershot, William H.; Jutras, Pierre; Prasher, Shiv O. | Immobilization of trace metals in contaminated urban soil amended with compost and biochar | Water, Air, and Soil Pollution | 2015 | North America | Canada | Montreal, Quebec | establishment/ growth |
| Kim, Hyun-Jun; Lee, Sang-Hyun | Developing the volume models for 5 major species of street trees in Gwangju metropolitan city of Korea | Urban Forestry & Urban Greening | 2016 | Asia | South Korea | Gwangju | inventory method |
| Kim, M.-S.; Klopfenstein, N. B.; Hanna, J. W.; Cannon, P.; Medel, R.; López, A. | First Report of Armillaria Root Disease Caused by Armillaria tabescens on Araucaria araucana in Veracruz, Mexico | Plant Disease | 2010 | North America | Mexico | Xalapa, Veracruz | disease/ pest management |
| Ko, Yekang; Lee, Jun-Hak; McPherson, E. Gregory; Roman, Lara A. | Factors affecting long-term mortality of residential shade trees: Evidence from Sacramento, California | Urban Forestry & Urban Greening | 2015 | North America | USA | Sacramento, California | survival/ mortality |

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|--|---|--|------|---------------|-----------|---|-----------------------|
| Koch, Frank H.; Ambrose, Mark J.; Yemshanov, Denys; Wiseman, P. Eric; Cowett, F.D. | Modeling urban distributions of host trees for invasive forest insects in the eastern and central USA: A three-step approach using field inventory data | Forest Ecology and Management | 2018 | North America | USA | n=842 towns | inventory method |
| Koeser, Andrew K; McLean, Drew C; Hasing, Gitta; Allison, R Bruce | Frequency, Severity, and Detectability of Internal Trunk Decay of Street Tree Quercus spp. in Tampa, Florida, U.S. | Arboriculture & Urban Forestry | 2016 | North America | USA | Tampa, Florida | survival/ mortality |
| Koeser, Andrew; Hauer, Richard; Norris, Kelly; Krouse, Randy | Factors influencing long-term street tree survival in Milwaukee, WI, USA | Urban Forestry & Urban Greening | 2013 | North America | USA | Milwaukee, Wisconsin | survival/ mortality |
| Lantini, L.; Alani, A.M.; Giannakis, I.; Benedetto, A.; Tosti, Fabio | Application of ground penetrating radar for mapping tree root system architecture and mass density of street trees | Advances in Transportation Studies | 2019 | n/a | n/a | n/a | inventory method |
| Larkin, Andrew; Hystad, Perry | Evaluating street view exposure measures of visible green space for health research | Journal of Exposure Science & Environmental Epidemiology | 2019 | n/a | n/a | n/a | inventory method |
| Laumer, Daniel; Lang, Nico; van Doorn, Natalie; Mac Aodha, Oisin; Perona, Pietro; Wegner, Jan Dirk | Geocoding of trees from street addresses and street-level images | ISPRS Journal of Photogrammetry and Remote Sensing | 2020 | North America | USA | n= 5 cities California | inventory method |
| Lee, Jun-Hak; Ko, Yekang; McPherson, E. Gregory | The feasibility of remotely sensed data to estimate urban tree dimensions and biomass | Urban Forestry & Urban Greening | 2016 | North America | USA | Sacramento, California | inventory method |
| Leers, M; Moore, G M; May, P B | Assessment of Six Indicators of Street Tree Establishment in Melbourne, Australia | Arboriculture & Urban Forestry | 2018 | Oceania | Australia | Melbourne | establishment/ growth |
| Lesser, Lawrence M | HARDSCAPE DAMAGE BY TREE ROOTS | Journal of Arboriculture | 2001 | North America | USA | Temple City, Monrovia, and Rancho Cucamonga, California | establishment/ growth |
| Li, Lin; Li, Dalin; Zhu, Haihong; Li, You | A dual growing method for the automatic extraction of individual trees from mobile laser scanning data | ISPRS Journal of Photogrammetry and Remote Sensing | 2016 | Asia | China | Wuhan | inventory method |
| Li, Qiuji; Yuan, Pengcheng; Liu, Xu; Zhou, Hongping | Street tree segmentation from mobile laser scanning data | International Journal of Remote Sensing | 2020 | n/a | n/a | n/a | inventory method |
| Li, Xiaojiang; Ratti, Carlo | Mapping the spatial distribution of shade provision of street trees in Boston using Google Street View panoramas | Urban Forestry & Urban Greening | 2018 | North America | USA | Boston, Massachusetts | inventory method |

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|---|---|---|------|---------------|-----------|--|-----------------------|
| Limoges, Sophie; Pham, Thi-Thanh-Hien; Apparicio, Philippe | Growing on the street: Multilevel correlates of street tree growth in Montreal | Urban Forestry & Urban Greening | 2018 | North America | Canada | Montreal, Quebec | establishment/ growth |
| Loh, Felix C.W.; Grabosky, Jason C.; Bassuk, Nina L. | Growth response of Ficus benjamina to limited soil volume and soil dilution in a skeletal soil container study | Urban Forestry & Urban Greening | 2003 | North America | USA | Ithaca, NY | establishment/ growth |
| Lucke, T.; Beecham, S. | An infiltration approach to reducing pavement damage by street trees | Science of the Total Environment | 2019 | Oceania | Australia | Queensland | establishment/ growth |
| Luley, Christopher J; Nowak, David J; Greenfield, Eric J | Frequency and Severity of Trunk Decay in Street Tree Maples in Four New York Cities | Arboriculture & Urban Forestry | 2009 | North America | USA | Albany, Buffalo, Rochester, and Syracuse, New York | survival/ mortality |
| Luley, Christopher J; Sisinni, Susan; Pleninger, Andrew | THE EFFECT OF PRUNING ON SERVICE REQUESTS, BRANCH FAILURES, AND PRIORITY MAINTENANCE IN THE CITY OF ROCHESTER, NEW YORK, U.S. | Journal of Arboriculture | 2002 | North America | USA | Rochester, NY | establishment/ growth |
| Maco, Scott E; McPherson, E Gregory | ASSESSING CANOPY COVER OVER STREETS AND SIDEWALKS IN STREET TREE POPULATIONS | Journal of Arboriculture | 2002 | North America | USA | Davis, California | inventory method |
| Magarik, Yasha A.S.; Roman, Lara A.; Henning, Jason G. | How should we measure the DBH of multi-stemmed urban trees? | Urban Forestry & Urban Greening | 2020 | North America | USA | Philadelphia, Pennsylvania | inventory method |
| Marion, Lena; Gričar, Jožica; Oven, Primož | Wood formation in urban Norway maple trees studied by the micro-coring method | Dendrochronologia | 2007 | Europe | Slovenia | Ljubljana | establishment/ growth |
| Martin, Meredith P.; Simmons, Cary; Ashton, Mark S. | Survival is not enough: The effects of microclimate on the growth and health of three common urban tree species in San Francisco, California | Urban Forestry & Urban Greening | 2016 | North America | USA | San Francisco, California | survival/ mortality |
| Matsushima, U.; Kardjilov, N.; Hilger, A.; Manke, I.; Shono, H.; Herppich, W.B. | Visualization of water usage and photosynthetic activity of street trees exposed to 2ppm of SO ₂ —A combined evaluation by cold neutron and chlorophyll fluorescence imaging | Nuclear Instruments and Methods in Physics Research A | 2009 | n/a | n/a | n/a | establishment/ growth |
| McPherson, E Gregory | EXPENDITURES ASSOCIATED WITH CONFLICTS BETWEEN STREET TREE ROOT GROWTH AND HARDSCAPE IN CALIFORNIA, UNITED STATES | Journal of Arboriculture | 2000 | North America | USA | 18 California cities | establishment/ growth |

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| McPherson, E Gregory | Selecting Reference Cities for i-Tree Streets | Arboriculture & Urban Forestry | 2010 | North America | USA | Albuquerque, NM; Berkeley, CA; Boise, ID; Charleston, SC; Charlotte, NC; Claremont, CA; Fort Collins, CO; Glendale, AZ; Honolulu, HI; Indianapolis, IN; Minneapolis, MN; Modesto, CA; Queens, NY; Santa Monica, CA; Longview, WA; Orlando, FL | inventory method |
| McPherson, E Gregory | Monitoring Million Trees LA: Tree Performance During the Early Years and Future Benefits | Arboriculture & Urban Forestry | 2014 | North America | USA | Los Angeles, California | survival/ mortality |
| Mercader, Rodrigo J.; McCullough, Deborah G.; Storer, Andrew J.; Bedford, John M.; Heyd, Robert; Siegert, Nathan W.; Katovich, Steven; Poland, Therese M. | Estimating local spread of recently established emerald ash borer, <i>Agrilus planipennis</i> , infestations and the potential to influence it with a systemic insecticide and girdled ash trees | Forest Ecology and Management | 2016 | North America | USA | St. Ignace, MI; Moran, MI | disease/ pest management |
| Migliorini, Duccio; Khdiar, Mohammed Y.; Padrón, Cristina Rodríguez; Vivas, María; Barber, Paul A.; Hardy, Giles E. St J.; Burgess, Treena I. | Extending the host range of <i>Phytophthora multivora</i> , a pathogen of woody plants in horticulture, nurseries, urban environments and natural ecosystems | Urban Forestry & Urban Greening | 2019 | Oceania | Australia | Perth, WA | disease/ pest management |
| Mikami, Osamu K.; Takamatsu, Misaki; Yarita, Rika | Repurposing a traditional Japanese method of pest control for wintering pine moths, <i>Komotrapp</i> , for use against summer and winter populations of fall webworms | PeerJ | 2020 | Asia | Japan | Hakodate City | disease/ pest management |
| Morgenroth, Justin | A Review of Root Barrier Research | Arboriculture & Urban Forestry | 2008 | n/a | n/a | n/a | establishment/ growth |
| Morgenroth, Justin | Root Growth Response of <i>Platanus orientalis</i> to Porous Pavements | Arboriculture & Urban Forestry | 2011 | Oceania | New Zealand | Christchurch | establishment/ growth |
| Morgenroth, Justin; Visser, Rien | Aboveground Growth Response of <i>Platanus orientalis</i> to Porous Pavements | Arboriculture & Urban Forestry | 2011 | Oceania | New Zealand | Christchurch | establishment/ growth |

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|---|--|---------------------------------|------|---------------|-----------|---|--------------------------|
| Mullaney, Jennifer; Trueman, Stephen J.; Lucke, Terry; Bai, Shahla Hosseini | The effect of permeable pavements with an underlying base layer on the ecophysiological status of urban trees | Urban Forestry & Urban Greening | 2015 | Oceania | Australia | University of the Sunshine Coast, Queensland | establishment/ growth |
| Nichols, Peter; McCallum, Adrian; Lucke, Terry | Using ground penetrating radar to locate and categorise tree roots under urban pavements | Urban Forestry & Urban Greening | 2017 | Oceania | Australia | Bli Bli | establishment/ growth |
| Nielsen, Christian N; Bühler, Oliver; Kristoffersen, Palle | Soil Water Dynamics and Growth of Street and Park Trees | Arboriculture & Urban Forestry | 2007 | Europe | Denmark | Copenhagen | establishment/ growth |
| Nischwitz, C.; Newcombe, G. | First Report of Powdery Mildew (<i>Sawadaea bicornis</i>) on Norway Maple (<i>Acer platanoides</i>) in North America | Plant Disease | 2003 | North America | USA | Moscow and Pullman (Idaho-Washington border). | disease/ pest management |
| Nordbo, Annika; Karsisto, Petteri; Matikainen, Leena; Wood, Curtis R.; Järvi, Leena | Urban surface cover determined with airborne lidar at 2m resolution – Implications for surface energy balance modelling | Urban Climate | 2015 | Europe | Finland | Helsinki | inventory method |
| North, Eric A.; D’Amato, Anthony W.; Russell, Matthew B.; Johnson, Gary R. | The influence of sidewalk replacement on urban street tree growth | Urban Forestry & Urban Greening | 2017 | North America | USA | St. Paul and Minneapolis | establishment/ growth |
| North, Eric A.; Johnson, Gary R.; Burk, Thomas E. | Trunk flare diameter predictions as an infrastructure planning tool to reduce tree and sidewalk conflicts | Urban Forestry & Urban Greening | 2015 | North America | USA | Minnesota: Crookston, Hendricks, Hibbing, Hutchinson, Morris, and Rochester | establishment/ growth |
| Nowak, David J; Walton, Jeffrey T; Baldwin, James; Bond, Jerry | Simple Street Tree Sampling | Arboriculture & Urban Forestry | 2015 | North America | USA | Buffalo, NY; Lansing, MI; Livonia, MI; Parkersburg, WV; Syracuse, NY; Wilmington, Delaware. | inventory method |
| Ordóñez, Camilo; Sabetski, Vadim; Millward, Andrew A; Grant, Amber; Urban, James | The Influence of Abiotic Factors on Street Tree Condition and Mortality in a Commercial-Retail Streetscape | Arboriculture & Urban Forestry | 2018 | North America | Canada | Toronto, Ontario | survival/ mortality |
| Ordóñez-Barona, Camilo; Sabetski, Vadim; Millward, Andrew A.; Steenberg, James | De-icing salt contamination reduces urban tree performance in structural soil cells | Environmental Pollution | 2018 | North America | Canada | Toronto, Ontario | survival/ mortality |

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| Pauleit, Stephan; Jones, Nerys; Garcia-Martin, Gemma; Garcia-Valdecantos, Jose Luis; Rivière, Louis Marie; Vidal-Beaudet, Laure; Bodson, Monique; Randrup, Thomas B. | Tree establishment practice in towns and cities – Results from a European survey | Urban Forestry & Urban Greening | 2002 | Europe | multiple | Five largest cities of each country | establishment/ growth |
| Pedlar, John H.; Daniel W. McKenney, Denys Yemshanov, and Emily S. Hope | Potential Economic Impacts of the Asian Longhorned Beetle (Coleoptera: Cerambycidae) in Eastern Canada | Journal of Economic Entomology | 2020 | North America | Canada | n/a | disease/ pest management |
| Pedlar, John H.; McKenney, Daniel W.; Allen, Darren; Lawrence, Kevin; Lawrence, Glenn; Campbell, Kathy | A street tree survey for canadian communities: Protocol and early results | Forestry Chronicle | 2013 | North America | Canada | 895 locations | inventory method |
| Peper, Paula J; McPherson, E Gregory; Mori, Sylvia M | EQUATIONS FOR PREDICTING DIAMETER, HEIGHT, CROWN WIDTH, AND LEAF AREA OF SAN JOAQUIN VALLEY STREET TREES | Journal of Arboriculture | 2001 | North America | USA | Modesto and Santa Monica, California | inventory method |
| Peper, Paula, McPherson, E.G., Mori Sylvia | EQUATIONS FOR PREDICTING DIAMETER, HEIGHT, CROWN WIDTH, AND LEAF AREA OF SAN JOAQUIN VALLEY STREET TREES | Journal of Arboriculture | 2001 | North America | USA | Santa Monica, California | inventory method |
| Philip, Elizabeth; Noor Azlin, Y. | Measurement of soil compaction tolerance of <i>Lagestromia speciosa</i> (L.) Pers. using chlorophyll fluorescence | Urban Forestry & Urban Greening | 2005 | Asia | Malaysia | Shah Alam | establishment/ growth |
| Pilant, Andrew; Endres, Keith; Rosenbaum, Daniel; Gundersen, Gillian | US EPA EnviroAtlas meter-scale urban land cover (MULC): 1-m pixel land cover class definitions and guidance | Remote Sensing | 2020 | North America | USA | n/a | inventory method |
| Poracsky, Joseph; Scott, Mark | INDUSTRIAL-AREA STREET TREES IN PORTLAND, OREGON | Journal of Arboriculture | 1999 | North America | USA | Portland, Oregon | inventory method |
| Quénéa, Katell; Andrianjara, Iry; Rankovic, Aleksandar; Gan, Erika; Aubry, Emmanuel; Lata, Jean-Christophe; Barot, Sébastien; Castrec-Rouelle, Maryse | Influence of the residence time of street trees and their soils on trace element contamination in Paris (France) | Environmental Science and Pollution Research International | 2019 | Europe | France | Paris | establishment/ growth |

| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
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| Richardson, Emma; Shackleton, Charlie M. | The extent and perceptions of vandalism as a cause of street tree damage in small towns in the Eastern Cape, South Africa | Urban Forestry & Urban Greening | 2014 | Africa | South Africa | Pearston, Somerset East, Cookhouse, Bedford, Adelaide, Fort Beaufort, Paterson, Alexandria, Bathurst, Grahamstown, Peddie | survival/ mortality |
| Riikonen, Anu; Lindén, Leena; Pulkkinen, Minna; Nikinmaa, Eero | Post-transplant crown allometry and shoot growth of two species of street trees | Urban Forestry & Urban Greening | 2011 | n/a | n/a | n/a | establishment/ growth |
| Roberts, John; Koeser, Andrew; Abd-Elrahman, Amr; Wilkinson, Benjamin; Hansen, Gail; Landry, Shawn; Perez, Ali | Mobile terrestrial photogrammetry for street tree mapping and measurements | Forests | 2019 | North America | USA | Wimauma, Florida | inventory method |
| Roman, Lara A.; Scatena, Frederick N. | Street tree survival rates: Meta-analysis of previous studies and application to a field survey in Philadelphia, PA, USA | Urban Forestry & Urban Greening | 2011 | North America | USA | Philadelphia, PA | survival/ mortality |
| Roman, Lara A.; Scharenbroch, Bryant C.; Östberg, Johan P.A.; Mueller, Lee S.; Henning, Jason G.; Koeser, Andrew K.; Sanders, Jessica R.; Betz, Daniel R.; Jordan, Rebecca C. | Data quality in citizen science urban tree inventories | Urban Forestry & Urban Greening | 2017 | multiple | multiple | Malmo; Lombard, Illinois, Grand Rapids, Michigan, Philadelphia, Pennsylvania | inventory method |
| Roman, Lara A.; Walker, Lindsey A.; Martineau, Catherine M.; Muffly, David J.; MacQueen, Susan A.; Harris, Winnie | Stewardship matters: Case studies in establishment success of urban trees | Urban Forestry & Urban Greening | 2015 | North America | USA | East Palo Alto, CA; Philadelphia, PA | establishment/ growth |
| Rugel, Emily J.; Henderson, Sarah B.; Carpiano, Richard M.; Brauer, Michael | Beyond the Normalized Difference Vegetation Index (NDVI): Developing a Natural Space Index for population-level health research | Environmental Research | 2017 | North America | Canada | Vancouver, British Columbia | inventory method |
| Schollaert, Claire; Ackley, Robert C.; DeSantis, Andy; Polka, Erin; Scammell, Madeleine K. | Natural gas leaks and tree death: A first-look case-control study of urban trees in Chelsea, MA USA | Environmental Pollution | 2020 | North America | USA | Chelsea, MA | survival/ mortality |
| Seguin, Rose; Kargar, Maryam; Prasher, Shiv O.; Grant Clark, O.; Jutras, Pierre | Remediating Montreals Tree Pit Soil Applying an Ash Tree-Derived Biochar | Water, Air, and Soil Pollution | 2018 | North America | Canada | Montreal, Quebec | establishment/ growth |

| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
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| Shatz, Andrew J.; Rogan, John; Sangermano, Florencia; Ogneva-Himmelberger, Yelena; Chen, Hao | Characterizing the potential distribution of the invasive Asian longhorned beetle (<i>Anoplophora glabripennis</i>) in Worcester County, Massachusetts | Applied Geography | 2013 | North America | USA | Boylston, West Boylston, Holden, Shrewsbury, Grafton, Millbury, Auburn, Leicester, Paxton, Sterling, Clinton, Berlin, Northborough (MA) | disease/ pest management |
| Sherman, Alex R.; Kane, Brian; Autio, Wesley A.; Harris, J. Roger; Ryan, H. Dennis P. | Establishment period of street trees growing in the Boston, MA metropolitan area | Urban Forestry & Urban Greening | 2016 | North America | USA | Boston, MA | establishment/ growth |
| Shoda, Tasuku; Imanishi, Junichi; Shibata, Shozo | Growth characteristics and growth equations of the diameter at breast height using tree ring measurements of street trees in Kyoto City, Japan | Urban Forestry & Urban Greening | 2020 | Asia | Japan | Kyoto | establishment/ growth |
| Shogren, C.; Paine, T. D. | Economic Benefit for Cuban Laurel Thrips Biological Control | Journal of Economic Entomology | 2016 | North America | USA | Anaheim, California State University, Riverside, Long Beach, CA | disease/ pest management |
| Sivyer, David; Harris, J Roger; Persaud, Naraine; Appleton, Bonnie | EVALUATION OF A PAN EVAPORATION MODEL FOR ESTIMATING POST-PLANTING STREET TREE IRRIGATION REQUIREMENTS | Journal of Arboriculture | 1997 | North America | USA | Norfolk, VA | survival/ mortality |
| Small, Christopher; Lu, Jacqueline W.T. | Estimation and vicarious validation of urban vegetation abundance by spectral mixture analysis | Remote Sensing of Environment | 2006 | North America | USA | New York City, NY | inventory method |
| Smitley, David R., Daniel A. Herms, and Terrance W. Davis | Efficacy of Soil-Applied Neonicotinoid Insecticides for Long-Term Protection Against Emerald Ash Borer (Coleoptera: Buprestidae) | Forest Entomology | 2015 | North America | USA | Michigan and Ohio | disease/ pest management |
| Smitley, David R., E.J. Rebek, R.N. Royalty, T.W. Davis and K.F. Newhouse | Protection of Individual Ash Trees From Emerald Ash Borer (Coleoptera: Buprestidae) With Basal Soil Applications of Imidacloprid | Journal of Economic Entomology | 2010 | North America | USA | Westland, MI; Orchard Lake, MI; Ann Arbor, MI; East Lansing, MI; Adrian, MI | disease/ pest management |

| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
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| Solfjeld, Ingjerd; Hansen, Ole Billing | Post-transplant growth of five deciduous Nordic tree species as affected by transplanting date and root pruning | Urban Forestry & Urban Greening | 2004 | Europe | Norway | As | establishment/ growth |
| Stoffberg, G.H.; van Rooyen, M.W.; van der Linde, M.J.; Groeneveld, H.T. | Predicting the growth in tree height and crown size of three street tree species in the City of Tshwane, South Africa | Urban Forestry & Urban Greening | 2008 | Africa | South Africa | Tshwane | inventory method |
| Stravinskienė, V.; Snieskienė, V.; Stankevičienė, A. | Health condition of <i>Tilia cordata</i> Mill. trees growing in the urban environment | Urban Forestry & Urban Greening | 2015 | Europe | Lithuania | Vilnius | disease/ pest management |
| Stubbings, Philip; Peskett, Joe; Rowe, Francisco; Arribas-Bel, Dani | A hierarchical Urban forest index using street-level imagery and deep learning | Remote Sensing | 2019 | Europe | UK | Cardiff | inventory method |
| Takagi, Masahiro; Gyokusen, Koichiro | Light and atmospheric pollution affect photosynthesis of street trees in urban environments | Urban Forestry & Urban Greening | 2004 | Asia | Japan | Fukuoka | establishment/ growth |
| Tanhuanpää, Topi; Vastaranta, Mikko; Kankare, Ville; Holopainen, Markus; Hyypä, Juha; Hyypä, Hannu; Alho, Petteri; Raisio, Juha | Mapping of urban roadside trees – A case study in the tree register update process in Helsinki City | Urban Forestry & Urban Greening | 2014 | Europe | Finland | Helsinki | inventory method |
| Timonen, Sari; Kauppinen, Pauliina | Mycorrhizal colonisation patterns of <i>Tilia</i> trees in street, nursery and forest habitats in southern Finland | Urban Forestry & Urban Greening | 2008 | Europe | Finland | Koskelantie | establishment/ growth |
| Tirado-Corbalá, Rebecca; Slater, Brian K | Soil Compaction Effects on the Establishment of Three Tropical Tree Species | Arboriculture & Urban Forestry | 2010 | North America | USA | Mayagüez, Puerto Rico | establishment/ growth |
| Tor-ngern, Pantana; Puangchit, Ladawan | Effects of varying soil and atmospheric water deficit on water use characteristics of tropical street tree species | Urban Forestry & Urban Greening | 2018 | Asia | Thailand | Bangkok | survival/ mortality |
| Troxel, Blake; Piana, Max; Ashton, Mark S.; Murphy-Dunning, Colleen | Relationships between bole and crown size for young urban trees in the northeastern USA | Urban Forestry & Urban Greening | 2013 | North America | USA | New Haven, Connecticut | inventory method |
| Trueman, Stephen J.; McMahon, Tracey V.; Grant, Elektra L.; Walton, David A.; Theilemann, Peter H.; McKinnon, Allan J.; Wallace, Helen M. | Designing food and habitat trees for urban koalas: Tree height, foliage palatability and clonal propagation of <i>Eucalyptus kabiana</i> | Urban Forestry & Urban Greening | 2017 | Oceania | Australia | Buderim | establishment/ growth |
| Tucker Lima, Joanna M.; Staudhammer, Christina L.; Brandeis, Thomas J.; Escobedo, Francisco J.; Zipperer, Wayne | Temporal dynamics of a subtropical urban forest in San Juan, Puerto Rico, 2001–2010 | Landscape and Urban Planning | 2013 | North America | USA | San Juan, Puerto Rico | survival/ mortality |
| Vico, Giulia; Revelli, Roberto; Porporato, Amilcare | Ecohydrology of street trees: Design and irrigation requirements for sustainable water use | Ecohydrology | 2014 | n/a | n/a | n/a | survival/ mortality |

| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
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| Vogt, Jessica M.; Watkins, Shannon Lea; Mincey, Sarah K.; Patterson, Matthew S.; Fischer, Burnell C. | Explaining planted-tree survival and growth in urban neighborhoods: A social–ecological approach to studying recently-planted trees in Indianapolis | Landscape and Urban Planning | 2015 | North America | USA | Indianapolis, IN | survival/ mortality |
| von Döhren, Peer; Haase, Dagmar | Risk assessment concerning urban ecosystem disservices: The example of street trees in Berlin, Germany | Ecosystem Services | 2019 | Europe | Germany | Berlin | establishment/ growth |
| Wang, Yuanlong; Zhao, Zhenli; Deng, Minjie; Liu, Rongning; Niu, Suyan; Fan, Guoqiang | Identification and Functional Analysis of MicroRNAs and Their Targets in <i>Platanus acerifolia</i> under Lead (Pb) Stress | International Journal of Molecular Sciences | 2015 | n/a | n/a | n/a | survival/ mortality |
| Widney, Sarah; Fischer, Burnell; Vogt, Jess | Tree Mortality Undercuts Ability of Tree-Planting Programs to Provide Benefits: Results of a Three-City Study | Forests | 2016 | North America | USA | Detroit, MI; Indianapolis, IN; Philadelphia, PA | establishment/ growth |
| Wu, Bin; Yu, Bailang; Yue, Wenhui; Shu, Song; Tan, Wenqi; Hu, Chunling; Huang, Yan; Wu, Jianping; Liu, Hongxing | A voxel-based method for automated identification and morphological parameters estimation of individual street trees from mobile laser scanning data | Remote Sensing | 2013 | n/a | n/a | n/a | inventory method |
| Xu, Jingzhong; Shan, Jie; Wang, Ge | Hierarchical Modeling of Street Trees Using Mobile Laser Scanning | Remote Sensing | 2020 | n/a | n/a | n/a | inventory method |
| Xu, Sheng; He, Xing-Yuan; Du, Zhong; Chen, Wei; Li, Bo; Li, Yan; Li, Mai-He; Schaub, Marcus | Tropospheric ozone and cadmium do not have interactive effects on growth, photosynthesis and mineral nutrients of <i>Catalpa ovata</i> seedlings in the urban areas of Northeast China | Science of the Total Environment | 2020 | Asia | China | Shenyang | establishment/ growth |
| Xu, Sheng; Sun, Xinyu; Yun, Jiayan; Wang, Hao | A New Clustering-Based Framework to the Stem Estimation and Growth Fitting of Street Trees from Mobile Laser Scanning Data | IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing | 2020 | n/a | n/a | n/a | inventory method |
| Xu, Sheng; Xu, Shanshan; Ye, Ning; Zhu, Fa | Automatic extraction of street trees' nonphotosynthetic components from MLS data | International Journal of Applied Earth Observation and Geoinformation | 2018 | n/a | n/a | n/a | inventory method |
| Yang, Yuchao; Li, Wenbo; Tao, Jing; Zong, Shixiang | Antennal transcriptome analyses and olfactory protein identification in an important wood-boring moth pest, <i>Streltzoviella insularis</i> (Lepidoptera: Cossidae) | Nature Research | 2019 | n/a | n/a | n/a | disease/ pest management |
| Yun, H. Y.; Rossman, A. Y.; Byrne, J. | First Report of <i>Gymnosporangium sabinae</i> , European Pear Rust, on Bradford Pear in Michigan | Plant Disease | 2009 | North America | USA | Farmington, Michigan | disease/ pest management |

| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
|---|--|--|------|---------------|-----------|--|----------------------------|
| Zhang, Gui-Fen, Xiao-Hua Yan, Cheng-Fa Sheng, and Xian-Zuo Meng | Mating Disruption of the Chinese Tortrix <i>Cydia Trasiata</i> (Lepidoptera: Olethreutidae) by Atmospheric Permeation with Synthetic Sex Pheromone | Environmental Entomology | 2001 | Asia | China | Beijing | disease/ pest management |
| STREET TREE FUNCTION | | | | | | | |
| <i>Supporting Ecosystem Services</i> | | | | | | | |
| Alvarez, Ivan André; Gallo, Bruna Cristina; Garçon, Edlene Aparecida Monteiro; Oshiro, Osvaldo Tadamoto | Street Tree Inventory of Campinas, Brazil: An Instrument for Urban Forestry Management and Planning | Arboriculture & Urban Forestry | 2015 | South America | Brazil | Campinas | biodiversity assessments |
| Ball, John; Mason, Sarah; Kiesz, Aaron; McCormick, Dan; Brown, Craig | Assessing the Hazard of Emerald Ash Borer and Other Exotic Stressors to Community Forests | Arboriculture & Urban Forestry | 2007 | North America | USA | South Dakota | biodiversity assessments |
| Cobley, L.A.E.; Pataki, D.E. | Vehicle emissions and fertilizer impact the leaf chemistry of urban trees in Salt Lake Valley, UT | Environmental Pollution | 2019 | North America | USA | Salt Lake City, UT | nitrogen and carbon cycles |
| Cowett, F D; Bassuk, Nina | Statewide assessment of street trees in New York State, USA | Urban Forestry & Urban Greening | 2014 | North America | USA | New York, New York | biodiversity assessments |
| Cowett, F D; Bassuk, Nina | Street Tree Diversity in Three Northeastern U.S. States | Arboriculture & Urban Forestry | 2017 | North America | USA | New Jersey, New York, Pennsylvania | biodiversity assessments |
| Cowett, F D; Bassuk, Nina | Street Tree Diversity in Massachusetts, U.S.A. | Arboriculture & Urban Forestry | 2020 | North America | USA | Massachusetts | biodiversity assessments |
| Frank, Stephen; Waters, Glenn; Beer, Russell; May, Peter | An Analysis of the Street Tree Population of Greater Melbourne at the Beginning of the 21st Century | Arboriculture & Urban Forestry | 2006 | Oceania | Australia | Melbourne | biodiversity assessments |
| Galvin, Michael F. | A methodology for assessing and managing biodiversity in street tree populations | Journal of Arboriculture | 1999 | North America | USA | Mount Rainier, Maryland | biodiversity assessments |
| Kadir, Mohd Akmal Abd; Othman, Noriah | Towards a Better Tomorrow: Street Trees and Their Values in Urban Areas | Procedia - Social and Behavioral Sciences | 2012 | Asia | Malaysia | Klang, Selangor | biodiversity assessments |
| Kane, Brian; Warren, Paige S.; Lerman, Susannah B. | A broad scale analysis of tree risk, mitigation and potential habitat for cavity-nesting birds | Urban Forestry & Urban Greening | 2015 | North America | USA | Baltimore, MD, n=10 towns in Western Mass., MA | habitat formation |
| Kara, Baris | Assessment of the Distribution and Diversity of Street Tree Species in Aydin, Turkey | Journal of Food, Agriculture & Environment | 2012 | Asia | Turkey | Aydin | biodiversity assessments |
| Kendal, Dave; Dobbs, Cynamon; Lohr, Virginia I. | Global patterns of diversity in the urban forest: Is there evidence to support the 10/20/30 rule? | Urban Forestry & Urban Greening | 2014 | Global | Global | 108 cities around the world | biodiversity assessments |

| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
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| Kuruner-Chitepo, Chiyedza; Shackleton, Charlie M. | The distribution, abundance and composition of street trees in selected towns of the Eastern Cape, South Africa | Urban Forestry & Urban Greening | 2011 | Africa | South Africa | Port Alfred, Grahamstown, Somerset East | biodiversity assessments |
| Matsuba, Misako; Nishijima, Shota; Katoh, Kazuhiro | Effectiveness of corridor vegetation depends on urbanization tolerance of forest birds in central Tokyo, Japan | Urban Forestry & Urban Greening | 2016 | Asia | Japan | Tokyo | habitat formation |
| McBride, Joe R.; Douhovnikoff, Vladimir | Characteristics of the urban forests in arctic and near-arctic cities | Urban Forestry & Urban Greening | 2012 | Europe, North America | Russia, Greenland, Iceland | Murmansk, Nuuk, Reykjavik | biodiversity assessments |
| McPherson, E. Gregory; van Doorn, Natalie; de Goede, John | Structure, function and value of street trees in California, USA | Urban Forestry & Urban Greening | 2016 | North America | USA | Multiple sites in CA | biodiversity assessments |
| Nagendra, Harini; Gopal, Divya | Street trees in Bangalore: Density, diversity, composition and distribution | Urban Forestry & Urban Greening | 2010 | Asia | India | Bangalore | biodiversity assessments |
| Pearce, Lilian M; Kirkpatrick, James B; Davison, Aidan | Using Size Class Distributions of Species to Deduce the Dynamics of the Private Urban Forest | Arboriculture & Urban Forestry | 2013 | Oceania | Australia | Melbourne; Hobart | biodiversity assessments |
| Pena, João Carlos de Castro; Martello, Felipe; Ribeiro, Milton Cezar; Armitage, Richard A.; Young, Robert J.; Rodrigues, Marcos | Street trees reduce the negative effects of urbanization on birds | PloS One | 2017 | South America | Brazil | Minas Gerais | habitat formation |
| Plant, Lyndal; Sipe, Neil | Adapting and applying evidence gathering techniques for planning and investment in street trees: A case study from Brisbane, Australia | Urban Forestry & Urban Greening | 2016 | Oceania | Australia | Brisbane | biodiversity assessments |
| Potter, Daniel, Heath Bartosh, Gerald Dangel, Judy Yang, Roxanne Bittman, and John Preece | Clarifying the Conservation Status of Northern California Black Walnut (<i>Juglans hindsii</i>) Using Microsatellite Markers | Madroño | 2018 | North America | USA | California and Oregon | biodiversity assessments |

| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
|--|---|--|------|---------------|--------------|--|--------------------------|
| Raupp, Michael J; Cumming, Anne Buckelew; Raupp, Erin C | Street Tree Diversity in Eastern North America and Its Potential for Tree Loss to Exotic Borers | Arboriculture & Urban Forestry | 2006 | North America | USA | Wilmington, Delaware; Chicago, Illinois; Lincolnshire, Illinois; Marion, Indiana; Florence, Kentucky; Mt. Rainier, Maryland; Ann Arbor, Michigan; Kansas City, Missouri; New York City, New York; Gastonia, North Carolina; Toledo, Ohio; and Toronto, Ontario | biodiversity assessments |
| Ressler, Daniel E. and John A. Kilmer | Street Tree Inventory of Selinsgrove, Pennsylvania | Journal of the Pennsylvania Academy of Science | 2012 | North America | USA | Selinsgrove, Pennsylvania | biodiversity assessments |
| Riley, Christopher B.; Herms, Daniel A.; Gardiner, Mary M. | Exotic trees contribute to urban forest diversity and ecosystem services in inner-city Cleveland, OH | Urban Forestry & Urban Greening | 2018 | North America | USA | Cleveland, Ohio | biodiversity assessments |
| Roman, Lara A., John J. Battles, and Joe R. McBride | The balance of planting and mortality in a street tree population | Urban Ecosystems | 2013 | North America | USA | West Oakland, California | biodiversity assessments |
| Shackleton, Charlie | Do indigenous street trees promote more biodiversity than alien ones? Evidence using mistletoes and birds in South Africa | Forests | 2016 | Africa | South Africa | Currie Park, Hill 60, Kingswood, Oatlands, Oatlands North, Somerset Heights, Sunnyside, West Hill | habitat formation |
| Shams, Zafar Iqbal | Changes in diversity and composition of flora along a corridor of different land uses in Karachi over 20 years: Causes and implications | Urban Forestry & Urban Greening | 2016 | Asia | Pakistan | Karachi | biodiversity assessments |

| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
|---|--|---------------------------------|------|-----------------------|--|---|--------------------------|
| Sjöman, Henrik; Östberg, Johan; Bühler, Oliver | Diversity and distribution of the urban tree population in ten major Nordic cities | Urban Forestry & Urban Greening | 2012 | Europe | Denmark, Finland, Sweden, Norway | Aarhus, Copenhagen (Denmark), Espoo, Helsinki, Tampere, Turku (Finland), Gothenburg, Malmo, Stockholm (Sweden), Oslo (Norway) | biodiversity assessments |
| Sreetheran, M; Adnan, M; Azuar, A K Khairil | Street Tree Inventory and Tree Risk Assessment of Selected Major Roads in Kuala Lumpur, Malaysia | Arboriculture & Urban Forestry | 2011 | Asia | Malaysia | Kuala Lumpur | biodiversity assessments |
| Stewart, G.H.; Meurk, C.D.; Ignatieva, M.E.; Buckley, H.L.; Magueur, A.; Case, B.S.; Hudson, M.; Parker, M. | URban Biotopes of Aotearoa New Zealand (URBANZ) II: Floristics, biodiversity and conservation values of urban residential and public woodlands, Christchurch | Urban Forestry & Urban Greening | 2009 | Oceania | New Zealand | Christchurch | biodiversity assessments |
| Stewart, Glenn H.; Ignatieva, Maria E.; Meurk, Colin D.; Earl, Richard D. | The re-emergence of indigenous forest in an urban environment, Christchurch, New Zealand | Urban Forestry & Urban Greening | 2004 | Oceania | New Zealand | Christchurch | biodiversity assessments |
| Strohbach, Michael W.; Lerman, Susannah B.; Warren, Paige S. | Are small greening areas enhancing bird diversity? Insights from community-driven greening projects in Boston | Landscape and Urban Planning | 2013 | North America | USA | Boston, MA | habitat formation |
| Subburayalu, S.; Sydnor, T.D. | Assessing street tree diversity in four Ohio communities using the weighted Simpson index | Landscape and Urban Planning | 2012 | North America | USA | Toledo, OH; Westerville, OH; Dublin, OH; Yellow Springs, OH | biodiversity assessments |
| Thaiutsa, Bunvong; Puangchit, Ladawan; Kjølsgren, Roger; Arunpraparut, Wanchai | Urban green space, street tree and heritage large tree assessment in Bangkok, Thailand | Urban Forestry & Urban Greening | 2008 | Asia | Thailand | Bangkok | biodiversity assessments |
| Thomsen, Pernille; Bühler, Oliver; Kristoffersen, Palle | Diversity of street tree populations in larger Danish municipalities | Urban Forestry & Urban Greening | 2016 | Europe | Denmark | n=30 cities and towns | biodiversity assessments |
| van Doorn, Natalie S.; McPherson, E. Gregory | Demographic trends in Claremont California's street tree population | Urban Forestry & Urban Greening | 2018 | North America | USA | Claremont, California | biodiversity assessments |
| Wittig, Rüdiger; Becker, Ute | The spontaneous flora around street trees in cities—A striking example for the worldwide homogenization of the flora of urban habitats | Flora | 2010 | Europe. North America | USA, UK, France, Germany, Poland, Austria, Denmark | Baltimore, Maryland; London, Paris, Hamburg, Copenhagen, Berlin, Vienna and Warsaw | biodiversity assessments |

| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
|--|---|---|------|---------------|-----------|---|--------------------------|
| Wood, Eric M.; Esaian, Sevan | The importance of street trees to urban avifauna | Ecological Applications: A Publication of the Ecological Society of America | 2020 | North America | USA | Los Angeles, California | habitat formation |
| Yang, Jun; Zhou, Jinxing; Ke, Yuzhou; Xiao, Jianmin | Assessing the structure and stability of street trees in Lhasa, China | Urban Forestry & Urban Greening | 2012 | Asia | China | Lhasa | biodiversity assessments |
| Young, Karen M., Christoper B. Daniels, and Greg Johnston | Species of Street Tree is Important for Southern Hemisphere Bird Trophic Guilds | Austral Ecology | 2007 | Oceania | Australia | Adelaide | habitat formation |
| Youngsteadt, Elsa; Ernst, Andrew F.; Dunn, Robert R.; Frank, Steven D. | Responses of arthropod populations to warming depend on latitude: evidence from urban heat islands | Global Change Biology | 2017 | North America | USA | Raleigh, North Carolina; Baltimore, Maryland; Queens, New York; Boston, Massachusetts | habitat formation |
| Zhang, Dongxu, Kuo Sun, QiuHong Xiang, Xinrui Wang, JiuHeng Xu, Qing Wang and Wenbin Guan | The complete chloroplast genome sequence of Aesculus Chinensis Bunge, a major street tree | Mitochondrial DNA part B | 2019 | n/a | n/a | n/a | biodiversity assessments |
| Zhou, Bo; Liu, Jinmei; Liang, Wei | Breeding in a noisy world: Attraction to urban arterial roads and preference for nest-sites by the scaly-breasted munia (Lonchura punctulata) | Global Ecology and Conservation | 2020 | Asia | China | Changjiang County | habitat formation |
| STREET TREE FUNCTION | | | | | | | |
| <i>Regulating Ecosystem Services</i> | | | | | | | |
| Aguiar, Axton C.; French, Kris; Chisholm, Laurie A. | A comparison of the ameliorating effects of native and exotic street trees on surface heat retention at dusk | Urban Climate | 2014 | Oceania | Australia | Wollongong | cooling |
| Aminipouri, Mehdi; Knudby, Anders Jensen; Krayenhoff, E. Scott; Zickfeld, Kirsten; Middel, Ariane | Modelling the impact of increased street tree cover on mean radiant temperature across Vancouver's local climate zones | Urban Forestry & Urban Greening | 2019 | North America | Canada | Vancouver, British Columbia | cooling |
| Aminipouri, Mehdi; Rayner, David; Lindberg, Fredrik; Thorsson, Sofia; Knudby, Anders Jensen; Zickfeld, Kirsten; Middel, Ariane; Krayenhoff, E. Scott | Urban tree planting to maintain outdoor thermal comfort under climate change: The case of Vancouver's local climate zones | Building and Environment | 2019 | North America | Canada | Vancouver, British Columbia | cooling |
| Armson, David; Rahman, Mohammad Asrafur; Ennos, Anthony Roland | A Comparison of the Shading Effectiveness of Five Different Street Tree Species in Manchester, UK | Arboriculture & Urban Forestry | 2013 | Europe | UK | Manchester | cooling |
| Berardi, Umberto; Graham, Jonathan | Investigation of the impacts of microclimate on PV energy efficiency and outdoor thermal comfort | Sustainable Cities and Society | 2020 | North America | Canada | Brampton, Ontario | cooling |

| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
|--|--|--|------|---------------|-----------|--------------------|-----------------------|
| Berger, C.; Rosentreter, J.; Voltersen, M.; Baumgart, C.; Schmullius, C.; Hese, S. | Spatio-temporal analysis of the relationship between 2D/3D urban site characteristics and land surface temperature | Remote Sensing of Environment | 2017 | Europe | Germany | Berlin; Cologne | cooling |
| Berland, Adam; Hopton, Matthew E. | Comparing street tree assemblages and associated stormwater benefits among communities in metropolitan Cincinnati, Ohio, USA | Urban Forestry & Urban Greening | 2014 | North America | USA | Cincinnati, OH | stormwater management |
| Blanus, Tijana; Fantozzi, Federica; Monaci, Fabrizio; Bargagli, Roberto | Leaf trapping and retention of particles by holm oak and other common tree species in Mediterranean urban environments | Urban Forestry & Urban Greening | 2015 | Europe | UK | Reading | air quality |
| Boukili, Vanessa K.S.; Bebb, Daniel P.; Mortimer, Tegan; Venix, Gitta; Lefcourt, David; Chandler, Mark; Eisenberg, Cristina | Assessing the performance of urban forest carbon sequestration models using direct measurements of tree growth | Urban Forestry & Urban Greening | 2017 | North America | USA | Cambridge, MA | carbon sequestration |
| Cariñanos, Paloma; Ruiz-Peñuela, Soledad; Valle, Ana M.; de la Guardia, Consuelo Díaz | Assessing pollination disservices of urban street-trees: The case of London-plane tree (<i>Platanus x hispanica</i> Mill. ex Münchh) | Science of the Total Environment | 2020 | Europe | Spain | Granada | air quality |
| Chaparro, Marcos A.E.; Chaparro, Mauro A.E.; Castañeda-Miranda, Ana G.; Marié, Débora C.; Gargiulo, José D.; Lavornia, Juan M.; Natal, Marcela; Böhnelt, Harald N. | Fine air pollution particles trapped by street tree barks: In situ magnetic biomonitoring | Environmental Pollution | 2020 | South America | Argentina | Buenos Aires | air quality |
| Chen, Ying-Chu | Evaluation of greenhouse gas emissions and energy recovery from planting street trees | Greenhouse Gases: Science and Technology | 2020 | Asia | Taiwan | Keelung | carbon sequestration |
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| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
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| <i>Provisioning Ecosystem Services</i> | | | | | | | |
| Čukanović, Jelena; Tešević, Vele; Jadranin, Milka; Ljubojević, Mirjana; Mladenović, Emina; Kostić, Saša | Horse chestnut (<i>Aesculus hippocastanum</i> L.) seed fatty acids, flavonoids and heavy metals plasticity to different urban environments | Biochemical Systematics and Ecology | 2020 | Asia | Serbia | Vojvodina Province | edible food/fruit |
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| STREET TREE FUNCTION | | | | | | | |
| <i>Cultural Ecosystem Services</i> | | | | | | | |
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| Harvey, Chester; Aultman-Hall, Lisa; Hurley, Stephanie E.; Troy, Austin | Does awareness effect the restorative function and perception of street trees? | Frontiers in Psychology | 2015 | North America | USA | New York City, NY | safety |
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| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
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| Kathryn Abelt; Sara McLafferty | Neighborhood safety and green space as predictors of obesity among preschool children from low-income families in New York City | Preventive Medicine | 2017 | North America | USA | New York City, NY | whole body health |
| Kim, Dohyung | Urban clear zones, street trees, and road safety | Research in Transportation Business & Management | 2019 | North America | USA | Los Angeles, CA | safety |
| Langenheim, Nano; White, Marcus; Tapper, Nigel; Livesley, Stephen J.; Ramirez-Lovering, Diego | Window view to the sky as a restorative resource for residents in densely populated cities | Environment and Behavior | 2020 | Oceania | Australia | Melbourne | co-benefits |
| Lin, Ying-Hsuan; Tsai, Chih-Chang; Sullivan, William C.; Chang, Po-Ju; Chang, Chun-Yen | The good things in urban nature: A thematic framework for optimising urban planning for nature connectedness | Landscape and Urban Planning | 2014 | Asia | Taiwan | Taipei | whole body health |
| Lindal, Pall J.; Hartig, Terry | Green Spaces, Land Cover, Street Trees and Hypertension in the Megacity of São Paulo | International Journal of Environmental Research and Public Health | 2015 | Europe | Iceland | n/a | whole body health |
| Locke, Dexter H.; Han, SeungHoon; Kondo, Michelle C.; Murphy-Dunning, Colleen; Cox, Mary | The street tree effect and driver safety | ITE Journal (Institute of Transportation Engineers) | 2017 | North America | USA | New Haven, CT | safety |
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| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
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| Lovasi, Gina S.; Schwartz-Soicher, Ofira; Quinn, James W.; Berger, Diana K.; Neckerman, Kathryn M.; Jaslow, Risa; Lee, Karen K.; Rundle, Andrew | Is All Urban Green Space the Same? A Comparison of the Health Benefits of Trees and Grass in New York City | International Journal of Environmental Research and Public Health | 2013 | North America | USA | New York City, NY | physical activity |
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| Masoudinejad, Sepideh; Hartig, Terry | Exposure to natural space, sense of community belonging, and adverse mental health outcomes across an urban region | Environmental Research | 2020 | Asia | Iran | Tehran | whole body health |
| McEwan, Kirsten; Ferguson, Fiona J.; Richardson, Miles; Cameron, Ross | Co-benefits of designing communities for active living: An exploration of literature | The International Journal of Behavioral Nutrition and Physical Activity | 2020 | Europe | UK | Sheffield | whole body health |
| Moreira, Tiana C. L.; Polizel, Jefferson L.; Santos, Itamar de Souza; Silva Filho, Demóstenes F.; Bensenor, Isabela; Lotufo, Paulo A.; Mauad, Thais | Health and climate related ecosystem services provided by street trees in the urban environment | Environmental Health: A Global Access Science Source | 2020 | South America | Brazil | Sao Paulo | whole body health |
| Naderi, Jody Rosenblatt; Kweon, Byoung Suk; Maghelal, Praveen | Exploring associations between urban green, street design and walking: Results from the Greater London boroughs | Landscape and Urban Planning | 2008 | North America | USA | NA | safety |
| Nawrath, Maximilian; Kowarik, Ingo; Fischer, Leonie K. | How important is green infrastructure in small and medium-sized towns? Lessons from South Africa | Landscape and Urban Planning | 2019 | Europe | Germany | Berlin | physical activity |
| Neckerman, Kathryn M; Lovasi, Gina S; Davies, Stephen; Purciel, Marnie; Quinn, James; Feder, Eric; Raghunath, Nakita; Wasserman, Benjamin; Rundle, Andrew | Effects of street parks on social interactions among neighbors: A place perspective | Journal of Architectural and Planning Research | 2009 | North America | USA | New York, New York | physical activity |
| Reid, Colleen; Clougherty, Jane; Shmool, Jessie; Kubzansky, Laura | Walkability and Pedestrian Perceptions in Malang City Emerging Business Corridor | Procedia Environmental Sciences | 2017 | North America | USA | New York City, NY | whole body health |
| Roy, Sudipto | Urban residential environments and senior citizens' longevity in megacity areas: The importance of walkable green spaces | Journal of Epidemiology and Community Health | 2017 | Oceania | Australia | n=129 cities and towns | co-benefits |
| Rugel, Emily J.; Carpiano, Richard M.; Henderson, Sarah B.; Brauer, Michael | Research note: Urban street tree density and antidepressant prescription rates-A cross-sectional study in London, UK | Landscape and Urban Planning | 2019 | North America | Canada | Vancouver, British Columbia | whole body health |

| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
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| Sallis, James F.; Spoon, Chad; Cavill, Nick; Engelberg, Jessa K.; Gebel, Klaus; Parker, Mike; Thornton, Christina M.; Lou, Debbie; Wilson, Amanda L.; Cutter, Carmen L.; Ding, Ding | Exploring the Relationship Between Trees and Human Stress in the Urban Environment | Arboriculture & Urban Forestry | 2015 | n/a | n/a | n/a | co-benefits |
| Salmund, Jennifer A.; Tadaki, Marc; Vardoulakis, Sotiris; Arbuthnott, Katherine; Coutts, Andrew; Demuzere, Matthias; Dirks, Kim N.; Heaviside, Clare; Lim, Shanon; Macintyre, Helen; McInnes, Rachel N.; Wheeler, Benedict W. | Associations between types of greenery along neighborhood roads and weight status in different climates | Urban Forestry & Urban Greening | 2016 | n/a | n/a | n/a | co-benefits |
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| Shackleton, C.M.; Blair, A.; De Lacy, P.; Kaoma, H.; Mugwagwa, N.; Dalu, M.T.; Walton, W. | Green streetscape and walking: Exploring active mobility patterns in dense and compact cities | Journal of Transport & Health | 2018 | Africa | South Africa | Bathurst, Bela-Bela, Bloemfontein, Fort Beaufort, Grahamstown, King William's Town, Phalabrowa, Port Alfred, Queenstown, Tzaneen, Worcester, Zeerust | co-benefits |
| Skjoeveland, Oddvar | Residential greenness, air pollution and psychological well-being among urban residents in Guangzhou, China | Science of the Total Environment | 2001 | Europe | Norway | Bergen | social contact |
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| Takano, T.; Nakamura, K.; Watanabe, M. | Urban residential environments and senior citizens' longevity in megacity areas: The importance of walkable green spaces | Journal of Epidemiology and Community Health | 2002 | Asia | Japan | Tokyo | physical activity |

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| Taylor, Mark S.; Wheeler, Benedict W.; White, Mathew P.; Economou, Theodoros; Osborne, Nicholas J. | Research note: Urban street tree density and antidepressant prescription rates-A cross-sectional study in London, UK | Landscape and Urban Planning | 2015 | Europe | UK | London | whole body health |
| Townsend, Joseph B; Ilvento, Thomas W; Barton, Susan S | Exploring the Relationship Between Trees and Human Stress in the Urban Environment | Arboriculture & Urban Forestry | 2016 | North America | USA | Wilmington, Delaware | whole body health |
| Tsai, Wei-Lun; Davis, Amy J.S.; Jackson, Laura E. | Associations between types of greenery along neighborhood roads and weight status in different climates | Urban Forestry & Urban Greening | 2019 | North America | USA | Portland Oregon; Austin, Texas | physical activity |
| Tsai, Wei-Lun; Yngve, Leah; Zhou, Yuhong; Beyer, Kirsten M.M.; Bersch, Andrew; Malecki, Kristen M.; Jackson, Laura E. | Street-level neighborhood greenery linked to active transportation: A case study in Milwaukee and Green Bay, WI, USA | Landscape and Urban Planning | 2019 | North America | USA | Milwaukee and Green Bay, Wisconsin | physical activity |
| Vich, Guillem; Marquet, Oriol; Miralles-Guasch, Carme | Green streetscape and walking: Exploring active mobility patterns in dense and compact cities | Journal of Transport & Health | 2019 | Europe | Spain | Barcelona | physical activity |
| Wang, Ruoyu; Yang, Boyi; Yao, Yao; Bloom, Michael S.; Feng, Zhiqiang; Yuan, Yuan; Zhang, Jinbao; Liu, Penghua; Wu, Wenjie; Lu, Yi; Baranyi, Gergő; Wu, Rong; Liu, Ye; Dong, Guanghui | Residential greenness, air pollution and psychological well-being among urban residents in Guangzhou, China | Science of the Total Environment | 2020 | Asia | China | Guangzhou | whole body health |
| Watkins, Shannon Lea; Vogt, Jess; Mincey, Sarah K.; Fischer, Burnell C.; Bergmann, Rachael A.; Widney, Sarah E.; Westphal, Lynne M.; Sweeney, Sean | Does collaborative tree planting between nonprofits and neighborhood groups improve neighborhood community capacity? | Cities | 2018 | North America | USA | Detroit, Michigan; Philadelphia, Pennsylvania; Indianapolis, Indiana; Atlanta, Georgia | social contact |
| STREET TREE VALUE | | | | | | | |
| <i>Economic Value</i> | | | | | | | |
| Donovan, Geoffrey H.; Butry, David T. | Trees in the city: Valuing street trees in Portland, Oregon | Landscape and Urban Planning | 2010 | North America | USA | Portland, Oregon | economic evaluation |
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| Kovacs, Kent F.; Haight, Robert G.; Jung, Suhyun; Locke, Dexter H.; O'Neil-Dunne, Jarlath | The marginal cost of carbon abatement from planting street trees in New York City | Ecological Economics | 2013 | North America | USA | New York, New York | economic evaluation |
| Li, Xiaoshu; Holmes, Thomas P.; Boyle, Kevin J.; Crocker, Ellen V.; Nelson, C. Dana | Hedonic analysis of forest pest invasion: The case of emerald ash borer | Forests | 2019 | North America | USA | Milwaukee, Wisconsin | economic evaluation |
| Maco, S E | A practical approach to assessing structure, function, and value of street tree populations in small communities | Journal of Arboriculture | 2003 | North America | USA | Davis, California | economic evaluation |
| Marissa Matsler, A. | Making 'green' fit in a 'grey' accounting system: The institutional knowledge system challenges of valuing urban nature as infrastructural assets | Environmental Science & Policy | 2019 | North America | USA | Portland, Oregon | finance administration |
| McCabe, James J | A SUMMARY AND FORECAST OF DEMAND FOR MUNICIPAL STREET TREE SERVICE ON STATEN ISLAND, NEW YORK | Urban Forestry & Urban Greening | 2001 | North America | USA | Staten Island, New York | finance administration |
| McCabe, James J | A DISCRETE EVENT SIMULATION OF A MUNICIPAL STREET TREE MAINTENANCE OPERATION | Journal of Arboriculture | 2002 | North America | USA | Staten Island, New York | finance administration |
| McPherson, E Gregory | A BENEFIT-COST ANALYSIS OF TEN STREET TREE SPECIES IN MODESTO, CALIFORNIA, U.S. | Journal of Arboriculture | 2003 | North America | USA | Modesto, California | economic evaluation |
| Mell, Ian C.; Henneberry, John; Hehl-Lange, Sigrid; Keskin, Berna | Promoting urban greening: Valuing the development of green infrastructure investments in the urban core of Manchester, UK | Urban Forestry & Urban Greening | 2013 | Europe | UK | Sheffield, UK; Manchester, UK | economic evaluation |
| Ng, Wai-Yin; Chau, Chi-Kwan; Powell, Greg; Leung, Tze-Ming | Preferences for street configuration and street tree planting in urban Hong Kong | Urban Forestry & Urban Greening | 2015 | Asia | China | Hong Kong | economic evaluation |
| Nordman, Erik E.; Isely, Elaine; Isely, Paul; Denning, Rod | Benefit-cost analysis of stormwater green infrastructure practices for Grand Rapids, Michigan, USA | Journal of Cleaner Production | 2018 | North America | USA | Grand Rapids, MI | economic evaluation |
| Paine, T. D.; Millar, J. G.; Hanks, L. M.; Gould, J.; Wang, Q.; Daane, K.; Dahlsten, D. L.; Mcpherson, E. G. | Cost-Benefit Analysis for Biological Control Programs That Targeted Insect Pests of Eucalypts in Urban Landscapes of California | Journal of Economic Entomology | 2015 | North America | USA | Riverside, CA; Orange County Parks, CA | economic evaluation |

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| Pandit, Ram; Polyakov, Maksym; Tapsuwan, Sorada; Moran, Timothy | The effect of street trees on property value in Perth, Western Australia | Landscape and Urban Planning | 2013 | Oceania | Australia | Perth, Western Australia | economic evaluation |
| Plant, Lyndal; Rambaldi, Alicia; Sipe, Neil | Evaluating Revealed Preferences for Street Tree Cover Targets: A Business Case for Collaborative Investment in Leafier Streetscapes in Brisbane, Australia | Ecological Economics | 2017 | Oceania | Australia | Brisbane | economic evaluation |
| Ryder, C M; Moore, G M | The Arboricultural and Economic Benefits of Formative Pruning Street Trees | Arboriculture & Urban Forestry | 2013 | Oceania | Australia | Melbourne | economic evaluation |
| Soares, A.L.; Rego, F.C.; McPherson, E.G.; Simpson, J.R.; Peper, P.J.; Xiao, Q. | Benefits and costs of street trees in Lisbon, Portugal | Urban Forestry & Urban Greening | 2011 | Europe | Portugal | Lisbon | economic evaluation |
| Staats, Henk; Swain, Ritwik | Cars, trees, and house prices: Evaluation of the residential environment as a function of numbers of cars and trees in the street | Urban Forestry & Urban Greening | 2020 | Europe | Netherlands | Leiden | economic evaluation |
| Sydnor, T Davis; Subburayalu, Sakthi K | Should We Consider Expected Environmental Benefits When Planting Larger or Smaller Tree Species? | Arboriculture & Urban Forestry | 2011 | North America | USA | Brooklyn, OH | economic evaluation |
| Walker, Michael E.; Morera, Osvaldo F.; Vining, Joanne; Orland, Brian | Disparate WTA-WTP disparities: The influence of human versus natural causes | Journal of Behavioral Decision Making | 1999 | North America | USA | Champaign and Urbana, Illinois | economic evaluation |
| STREET TREE VALUE | | | | | | | |
| <i>Social Value</i> | | | | | | | |
| Ames, Bill; Dewald, Shane | Working proactively with developers to preserve urban trees | Cities | 2003 | North America | USA | Seattle, WA | tree protection (during construction) |
| Baró, Francesc; Calderón-Argelich, Amalia; Langemeyer, Johannes; Connolly, James J.T. | Under one canopy? Assessing the distributional environmental justice implications of street tree benefits in Barcelona | Environmental Science & Policy | 2019 | Europe | Spain | Barcelona | distribution - density |
| Barron, Laura; Ruggieri, Dominique; Branas, Charles | Assessing Vulnerability to Heat: A Geospatial Analysis for the City of Philadelphia | Urban Science | 2018 | North America | USA | Philadelphia, Pennsylvania | planning process - prioritization |
| Basu, Sukanya; Nagendra, Harini | The street as workspace: Assessing street vendors' rights to trees in Hyderabad, India | Landscape and Urban Planning | 2020 | Asia | India | Hyderabad | planning process - business improvement |
| Breuste, Jürgen H. | Investigations of the Urban Street Tree Forest of Mendoza, Argentina. | Urban Ecosystems | 2013 | South America | Argentina | Mendoza | distribution/recognition - density |

| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
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| Carmichael, Christine E., and Maureen H. McDonough | Community Stories: Explaining Resistance to Street Tree-Planting Programs in Detroit, Michigan, USA | Society and Natural Resources | 2019 | North America | USA | Detroit, Michigan | resident participation |
| Carmichael, Christine E.; McDonough, Maureen H. | The trouble with trees? Social and political dynamics of street tree-planting efforts in Detroit, Michigan, USA | Urban Forestry & Urban Greening | 2018 | North America | USA | Detroit, MI | resident participation |
| Cheng, Sheauchi; McBride, Joe R. | Restoration of the urban forests of Tokyo and Hiroshima following World War II | Urban Forestry & Urban Greening | 2006 | Asia | Japan | Tokyo, Hiroshima | planning process - prioritization |
| Cowett, F D | Methodology for Spatial Analysis of Municipal Street Tree Benefits | Arboriculture & Urban Forestry | 2014 | North America | USA | Providence, Rhode Island | distribution - density |
| de Guzman, Edith; Malarich, Rachel; Large, Lori; Danoff-Burg, Sharon | Inspiring Resident Engagement: Identifying Street Tree Stewardship Participation Strategies in Environmental Justice Communities Using a Community-Based Social Marketing Approach | Arboriculture & Urban Forestry | 2018 | North America | USA | Huntington Park (Los Angeles County), California | resident participation |
| Deng, Jinyang; Andrada, Rogelio; Pierskalla, Chad | Visitors' and residents' perceptions of urban forests for leisure in Washington D.C | Urban Forestry & Urban Greening | 2017 | North America | USA | Washington, D.C. | tree preferences |
| Doherty, Karen D; Ryan, H Dennis P; Bloniarz, David V | TREE WARDENS AND UTILITY ARBORISTS: A MANAGEMENT TEAM WORKING FOR STREET TREES IN MASSACHUSETTS | Journal of Arboriculture | 2000 | North America | USA | n=168 cities/towns in Massachusetts | management actors |
| Ferguson, M.; Roberts, H.E.; McEachan, R.R.C.; Dallimer, M. | Contrasting distributions of urban green infrastructure across social and ethno-racial groups | Landscape and Urban Planning | 2018 | Europe | UK | Bradford | distribution - density |
| Fernandes, Cláudia Oliveira; da Silva, Isabel Martinho; Teixeira, Catarina Patoilo; Costa, Leonardo | Between tree lovers and tree haters. Drivers of public perception regarding street trees and its implications on the urban green infrastructure planning | Urban Forestry & Urban Greening | 2019 | Europe | Portugal | Porto | tree preferences |
| Flowers, Dana E; Gerhold, Henry D | REPLACEMENT OF TREES UNDER UTILITY WIRES IMPACTS ATTITUDES AND COMMUNITY TREE PROGRAMS | Journal of Arboriculture | 2000 | North America | USA | n=54 Pennsylvania | tree preferences |
| Galenieks, Andrejs | Importance of Urban Street Tree Policies: A Comparison of Neighbouring Southern California Cities | Urban Forestry & Urban Greening | 2017 | North America | USA | California | planning process - prioritization |
| Gill, Susannah E.; Handley, John F.; Ennos, A. Roland; Pauleit, Stephan; Theuray, Nicolas; Lindley, Sarah J. | Characterising the urban environment of UK cities and towns: A template for landscape planning | Landscape and Urban Planning | 2008 | Europe | UK | Manchester | planning process - mapping urban morphology and surface cover |

| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
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| Gorman, James | RESIDENTS' OPINIONS ON THE VALUE OF STREET TREES DEPENDING ON TREE LOCATION | Journal of Arboriculture | 2004 | North America, Europe | USA, UK | Downer' Grove (Chicago metro); North Somerset, Torbay | tree preferences |
| Gwedla, Nanamhla; Shackleton, Charlie M. | Perceptions and preferences for urban trees across multiple socio-economic contexts in the Eastern Cape, South Africa | Landscape and Urban Planning | 2019 | Africa | South Africa | 11 Eastern Cape towns | tree preferences |
| Gwedla, Nanamhla; Shackleton, Charlie M. | Population size and development history determine street tree distribution and composition within and between Eastern Cape towns, South Africa | Urban Forestry & Urban Greening | 2017 | Africa | South Africa | 10 Eastern Cape towns | distribution - density and diversity |
| Gwedla, Nanamhla; Shackleton, Charlie M. | The development visions and attitudes towards urban forestry of officials responsible for greening in South African towns | Land Use Policy | 2015 | Africa | South Africa | 24 Eastern Cape towns | management actors |
| Heimlich, Joseph; Sydnor, T Davis; Bumgardner, Matthew; O'Brien, Patrick | Attitudes of Residents Toward Street Trees on Four Streets in Toledo, Ohio, U.S. Before Removal of Ash Trees (<i>Fraxinus</i> spp.) from Emerald Ash Borer (<i>Agrilus planipennis</i>) | Arboriculture & Urban Forestry | 2008 | North America | USA | Toledo, OH | tree preferences |
| Hilde, Thomas; Paterson, Robert | Integrating ecosystem services analysis into scenario planning practice: Accounting for street tree benefits with i-Tree valuation in Central Texas | Journal of Environmental Management | 2014 | North America | USA | Hutto, TX | planning process - scenario planning |
| Hunter, MaryCarol R. | Impact of ecological disturbance on awareness of urban nature and sense of environmental stewardship in residential neighborhoods | Landscape and Urban Planning | 2011 | North America | USA | Ann Arbor, MI | resident participation |
| Jack-Scott, Emily; Piana, Max; Troxel, Blake; Murphy-Dunning, Colleen; Ashton, Mark S | Stewardship Success: How Community Group Dynamics Affect Urban Street Tree Survival and Growth | Arboriculture & Urban Forestry | 2013 | North America | USA | New Haven, Connecticut | community participation |
| Kendal, Dave; Williams, Nicholas S.G.; Williams, Kathryn J.H. | Drivers of diversity and tree cover in gardens, parks and streetscapes in an Australian city | Urban Forestry & Urban Greening | 2012 | Oceania | Australia | Ballarat | distribution - density and diversity |
| Kirkpatrick, J. B.; Davison, A.; Daniels, G. D. | Resident attitudes towards trees influence the planting and removal of different types of trees in eastern Australian cities | Landscape and Urban Planning | 2012 | Oceania | Australia | Townsville, Brisbane, Sydney, Adelaide, Melbourne, Hobart | tree preferences |

| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
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| Kirkpatrick, J.B.; Daniels, G.D.; Davison, A. | Temporal and spatial variation in garden and street trees in six eastern Australian cities | Landscape and Urban Planning | 2011 | Oceania | Australia | Townsville, Brisbane, Sydney, Adelaide, Melbourne, Hobart | distribution - density |
| Kolosna, Carl; Spurlock, Danielle | Uniting geospatial assessment of neighborhood urban tree canopy with plan and ordinance evaluation for environmental justice | Urban Forestry & Urban Greening | 2019 | North America | USA | Durham and Chapel Hill, North Carolina | distribution/recognition - density |
| Konijnendijk, Cecil C.; Ricard, Robert M.; Kenney, Andy; Randrup, Thomas B. | Defining urban forestry – A comparative perspective of North America and Europe | Urban Forestry & Urban Greening | 2006 | North America, Europe | n/a | | institutional discourse |
| Kronenberg, Jakub | Why not to green a city? Institutional barriers to preserving urban ecosystem services | Ecosystem Services | 2015 | Europe | Poland | | management actors |
| Łaskiewicz, Edyta; Sikorska, Daria | Children's green walk to school: An evaluation of welfare-related disparities in the visibility of greenery among children | Environmental Science & Policy | 2020 | Europe | Poland | Lodz | distribution - density |
| Laurian, Lucie | Planning for Street Trees and Human–Nature Relations: Lessons from 600 Years of Street Tree Planting in Paris | Journal of Planning History | 2019 | Europe | France | Paris | tree preferences |
| <i>Li, Ying Ying, Xiang Rong Wang, and Cheng Lin Huang</i> | Key Street Tree Selection in Urban Areas | African Journal of Agricultural Research | 2011 | Asia | China | Hefei | planning process - species selection |
| Locke, Dexter H | Why opt-in to a planting program? Long-term residents value street tree aesthetics | Arboriculture & Urban Forestry | 2015 | North America | USA | New Haven, Connecticut | resident participation |
| Lusk, Anne C.; da Silva Filho, Demóstenes Ferreira; Dobbert, Lea | Pedestrian and cyclist preferences for tree locations by sidewalks and cycle tracks and associated benefits: Worldwide implications from a study in Boston, MA | Cities | 2018 | North America | USA | Boston, MA | tree preferences |
| Marshall, Adrian J.; Grose, Margaret J.; Williams, Nicholas S.G. | Footpaths, tree cut-outs and social contagion drive citizen greening in the road verge | Urban Forestry & Urban Greening | 2019 | Oceania | Australia | Melbourne | resident participation |
| Marshall, Adrian J.; Grose, Margaret J.; Williams, Nicholas S.G. | Of mowers and growers: Perceived social norms strongly influence verge gardening, a distinctive civic greening practice | Landscape and Urban Planning | 2020 | Oceania | Australia | Melbourne | resident participation |

| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
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| McBride, Joe R.; Laćan, Igor | The impact of climate-change induced temperature increases on the suitability of street tree species in California (USA) cities | Urban Forestry & Urban Greening | 2018 | North America | USA | 16 cities in California | planning process - prioritization |
| Moskell, Christine; Allred, Shorna Broussard | Residents' beliefs about responsibility for the stewardship of park trees and street trees in New York City | Landscape and Urban Planning | 2013 | North America | USA | New York, New York | resident participation |
| Moskell, Christine; Bassuk, Nina; Allred, Shorna; MacRae, Pat | Engaging Residents in Street Tree Stewardship: Results of a Tree Watering Outreach Intervention | Arboriculture & Urban Forestry | 2016 | North America | USA | Ithaca, New York | resident participation |
| Nitoslawski, Sophie A.; Steenberg, James W.; Duinker, Peter N.; Bush, Peter G. | Assessing the influence of location attributes on urban forest species composition in suburban neighbourhoods | Urban Forestry & Urban Greening | 2017 | North America | Canada | Halifax, Nova Scotia, and London, Ontario | distribution - density and diversity |
| Norton, Briony A.; Coutts, Andrew M.; Livesley, Stephen J.; Harris, Richard J.; Hunter, Annie M.; Williams, Nicholas S.G. | Planning for cooler cities: A framework to prioritise green infrastructure to mitigate high temperatures in urban landscapes | Landscape and Urban Planning | 2015 | Oceania | Australia | Melbourne | planning process - prioritization |
| Pauleit, Stephan | Urban street tree plantings: Identifying the key requirements | Proceedings of the Institution of Civil Engineers: Municipal Engineer | 2003 | Europe | n/a | n/a | management actors |
| Peckham, Shawna C.; Duinker, Peter N.; Ordóñez, Camilo | Urban forest values in Canada: Views of citizens in Calgary and Halifax | Urban Forestry & Urban Greening | 2013 | North America | Canada | Calgary and Halifax | tree preferences |
| Petri, Aaron C.; Wilson, Bev; Koeser, Andrew | Planning the urban forest: Adding microclimate simulation to the planner's toolkit | Land Use Policy | 2019 | North America | USA | Chicago, Illinois | planning process: heat mitigation |
| Pham, Thi-Thanh-Hien; Apparicio, Philippe; Landry, Shawn; Lewnard, Joseph | Disentangling the effects of urban form and socio-demographic context on street tree cover: A multi-level analysis from Montréal | Landscape and Urban Planning | 2017 | North America | Canada | Montreal, Quebec | distribution - density |
| Pham, Thi-Thanh-Hien; Apparicio, Philippe; Landry, Shawn; Séguin, Anne-Marie; Gagnon, Martin | Predictors of the distribution of street and backyard vegetation in Montreal, Canada | Urban Forestry & Urban Greening | 2013 | North America | Canada | Montreal, Quebec | distribution - density |
| Pryor, Matthew Robert | Street Tree Planting in Hong Kong in the Early Colonial Period (1842-98) | Journal of the Royal Asiatic Society Hong Kong Branch | 2015 | Asia | China | Hong Kong | tree preferences |
| Roy, Sudipto; Davison, Aidan; Östberg, Johan | Pragmatic factors outweigh ecosystem service goals in street tree selection and planting in South-East Queensland cities | Urban Forestry & Urban Greening | 2017 | Oceania | Australia | Brisbane, Gold Coast, Logan, Ipswich, and Redland | tree preferences |

| Author | Title | Journal | Year | Continent | Country | City/ State | Theme/ Topic |
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| Shams, Zafar Iqbal; Shahid, Mubah; Nadeem, Zara; Naz, Shafaq; Raheel, Dania; Aftab, Darakshan; Fraz, Tayyab Raza; Roomi, Muhammad Sohaib | Town socio-economic status and road width determine street tree density and diversity in Karachi, Pakistan | Urban Forestry & Urban Greening | 2020 | Asia | Pakistan | Karachi | distribution - density and diversity |
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