
Review

Challenges Ahead on Sustainable Cities: A Transport and Urban Form Review

Supplemental Materials

Table S1. List of references with authors, publication date, location of research and topic of research.

Authors	Publication date	Location of Research	Article topic
Acker, V.V.; Derudder, B.; Witlox, F.	2013	Flanders, Belgium	Active mobility
Adams, S.; Boateng, E.; Acheampong, A.O.	2020	Sub-Saharan Africa	Developing countries urban energy challenges
Aguiléra, A.; Voisin, M.	2014	Paris, France	Transport and the built environment
Ahmad, K.; Khare, M.; Chaudhry, K.	2005	Worldwide	Street canyons
Ahern, J.	2013	Unspecified	Eco-districts and built environment towards clean energy
Akbari, H.; Kolokotsa, D.	2016	Worldwide	Urban public spaces
Akbari, H.; Matthews, H.D.	2012	Worldwide	Urban public spaces
Al-Obaidi, K.M.; Hossain, M.; Alduais, N.A.M.; Al-Duais, H.S.; Omrany, H.; Ghaffarianhoseini, A.	2022	Unspecified	Urban geometry, IOT and buildings energy consumption
Alahmad, M.; Hasna, H.; Sordiashie, E.	2011	Unspecified	Transport and the built environment, vehicle electrification
Alcazar, S.S.; Olivieri, F.; Neila, J.	2016	Madrid, Spain	Urban heat island
Alford, G.; Whiteman, J.	2009	Melbourne, Australia	Transport and the built environment
Ali-Toudert, F.; Mayer, H.	2007	Ghardaia, Algeria	Active mobility
Almulhim, A.I.; Bibri, S.E.; Sharifi, A.; Ahmad, S.; Al-matar, K.M.	2022	Gulf countries	Developing countries urban energy challenges
Alshehry, A.S.; Belloumi, M.	2017	Saudi Arabia	Developing countries urban energy challenges
Amado, M.; Poggi, F.; Amado, A.R.	2016	Lisbon, Portugal	Urban sprawl
Amado, M.; Poggi, F.; Ribeiro Amado, A.; Breu, S.	2018	Oeiras, Portugal	Urban geometry and buildings energy consumption
Anderson, J.E.; Wulforth, G.; Lang, W.	2015	Unspecified	Urban form and policies

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Aram, F.; Higuera García, E.; Solgi, E.; Mansournia, S.	2019	Unspecified	Urban heat island
Aram, F.; Solgi, E.; Holden, G.	2019	Hamadan, Iran	Urban heat island
Artmann, M.; Inostroza, L.; Fan, P.	2019	Unspecified	Urban sprawl
Asarpota, K.; Nadin, V.	2020	Unspecified	Urban form
Azevedo, J.A.; Chapman, L.; Muller, C.L.	2016	Birmingham, UK	Urban heat island
Bajracharya, A.R.; Shrestha, S.; Skotte, H.	2020	Kathmandu,, Nepal	Urban public spaces
Baruti, M.M.; Johansson, E.; Åstrand, J.	2019	Unspecified	Urban form
Battista, G.; Carnielo, E.; De Lieto Vollaro, R.	2016	Rome, Italy	Urban heat island
Berawi, M.A.; Ibrahim, B.E.; Gunawan; Miraj, P.	2019	Indonesia	Densification and compactification
Besir, A.B.; Cuce, E.	2018	Worldwide	Urban heat island
Bleviss, D.L.	2021	Worldwide	Active mobility
Boakye, K.; Bovbjerg, M.; Schuna, J.; Branscum, A.; Mat-Nasir, N.; Bahonar, A.; Barbarash, O.; Yusuf, R.; Lopez-Jaramillo, P.; Seron, P.; et al.	2023	Worldwide	Active mobility
Bracco, S.; Delfino, F.; Ferro, G.; Pagnini, L.; Robba, M.; Rossi, M.	2018	Savona, Italy	Eco-districts and built environment towards clean energy
Brandt, L.; Derby Lewis, A.; Fahey, R.; Scott, L.; Darling, L.; Swanston, C.	2016	Chicago, USA	Urban heat island
Brown, R.D.; Vanos, J.; Kenny, N.; Lenzholzer, S.	2015	Worldwide	Urban heat island
Bucher, D.; Buffat, R.; Froemelt, A.; Raubal, M.	2019	Switzerland	Active mobility
Buyadi, S.N.A.; Mohd, W.M.N.W.; Misni, A.	2015	Selangor, Malaysia	Urban heat island

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Buyana, K.; Byarugaba, D.; Sseviiri, H.; Nsangi, G.; Kasaija, P.	2019	Africa	Developing countries urban energy challenges
Byrne, J.; Taminiau, J.; Kurdgelashvili, L.; Kim, K.N.	2015	Seoul, South Korea	Urban geometry and buildings energy consumption
C40 Cities	2023	Worldwide	Urban form
Cajot, S.; Peter, M.; Bahu, J.-M.; Guignet, F.; Koch, A.; Maréchal, F.	2017	Switzerland	Urban form
Cao, X.; Yang, W.	2017	Guangzhou, China	Transport and the built environment, urban trips and network design
Caputo, P.; Pasetti, G.	2015	Italy	Urban form
Carboni, A.; Pirra, M.; Costa, M.; Kalakou, S.	2022	Europe	Active mobility
Carter, J.G.	2018	England	Urban public spaces
Castro, L.F.C.; Freitas, B.B.; Carvalho, P.C.M.	2021	Unspecified	Urban form
Cervero, R.; Murakami, J.	2010	USA	Transport and the built environment
Charalampopoulos, I.; Tsiros, I.; Chronopoulou-Sereli, A.; Matzarakis, A.	2013	Athens, Greece	Urban heat island
Chen, Y.; Hong, T.; Piette, M.A.	2017	San Francisco, USA	Eco-districts and built environment towards clean energy
Cheng, V., Steemers, K., Montavon, M., Compagnon, R.	2006	Worldwide	Urban geometry and buildings energy consumption
Chilvers, J.	2008	UK	Urban form
Chow, W.T.L.; Brazel, A.J.	2012	Phoenix, USA	Urban heat island
Christiansen, L.B.; Cerin, E.; Badland, H.; Kerr, J.; Davey, R.; Troelsen, J.; van Dyck, D.; Mitáš, J.; Schofield, G.; Sugiyama, T.; et al.	2016	Worldwide	Active mobility

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Coaffee, J.; Therrien, M.-C.; Chelleri, L.; Henstra, D.; Aldrich, D.P.; Mitchell, C.L.; Tsenkova, S.; Rigaud, É.; Participants, T.	2018	Unspecified	Urban form
Collaço, F.M. de A.; Simoes, S.G.; Dias, L.P.; Duic, N.; Seixas, J.; Bermann, C.	2019	São Paulo, Brazil	Urban form
Collier, M.J.; Nedović-Budić, Z.; Aerts, J.; Connop, S.; Foley, D.; Foley, K.; Newport, D.; McQuaid, S.; Slaev, A.; Verburg, P.	2013	Unspecified	Urban form, urban sprawl and policies
Conticelli, E.; Proli, S.; Tondelli, S.	2017	Italy	Densification and compactification
COP 27	2022	Worldwide	Urban energy consumption data
Cop 27	2022	Worldwide	Urban energy consumption data
Costamagna, F.; Lind, R.; Stjernström, O.	2019	Umeå, Sweden	Urban public spaces
Couto, R.; Duarte, F.; Magalhães, A.	2022	Unspecified	Urban public spaces
Covenant of Mayors	2023	Europe	Urban form
Croce, S.; Vettorato, D.	2021	Unspecified	Eco-districts and built environment towards clean energy
Csuzi, I.; Csuzi, B.	2017	Unspecified	Vehicle electrification and the built environment
Daniel, M.; Lemonsu, A.; Viguié, V.	2018	Paris, France	Urban heat island
Das, M.; Das, A.; Momin, S.	2022	India	Urban heat island
Davidson, K.; Nguyen, T.M.P.; Beilin, R.; Briggs, J.	2019	New York City, USA and Melbourne, Australia	Urban form and policies
De Lotto, R.; Micciché, C.; Venco, E.M.; Bonaiti, A.; De Napoli, R.	2022	Italy	Eco-districts and built environment towards clean energy

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De Pascali, P.; Bagaini, A.	2019	Unspecified	Urban form
Derix, C.	2012	Unspecified	Urban form
Dias, A.M.; Lopes, M.; Silva, C.	2022	Unspecified	Active mobility
Dias, D.; Pina, N.; Tchepel, O.	2019	Coimbra, Portugal	Transport and the built environment
Ding, C.; Cao, X.; Wang, Y.	2018	Washington, USA	Public transport
Ding, C.; Lin, Y.; Liu, C.	2014	Washington, USA	Urban trips and network design
Ding, C.; Liu, C.; Lin, Y.; Wang, Y.	2014	Maryland, USA	Transport and the built environment
Ding, C.; Liu, C.; Zhang, Y.; Yang, J.; Wang, Y.	2017	Baltimore, USA	Urban trips and network design
Ding, G.; Guo, J.; Pueppke, S.G.; Yi, J.; Ou, M.; Ou, W.; Tao, Y.	2022	CHina	Transport and the built environment
Dingil, A.E.; Schweizer, J.; Rupi, F.; Stasiskiene, Z.	2019	Worldwide	Transport and the built environment
Dirksen, M.; Ronda, R.; Theeuwes, N.; Pagani, G.	2019	Unspecified	Street canyons
Duarte, F.; Ferreira, A.	2016	Unspecified	Urban public spaces
Duarte, F.; Ferreira, A.; Fael, P.	2018	Unspecified	Urban public spaces
Dupras, J.; Marull, J.; Parcerisas, L.; Coll, F.; Gonzalez, A.; Girard, M.; Tello, E.	2016	Montreal, Canada	Urban sprawl
Dydkowski, G.	2020	Poland	Transport and the built environment
Eicker, U.; Monien, D.; Dumnil, É.; Nouvel, R.	2015	Munich, Germany	Densification and compactification
Eldeeb, G.; Mohamed, M.; Pérez, A.	2021	Hamilton, Canada	Transport and the built environment
Energy Information Administration	2023	USA	Urban energy consumption data
Engelfriet, L.; Koomen, E.	2018	China	Transport and the built environment
European Comission	2022	Europe	Vehicle electrification and the built environment
Ewing, R.	1997	Los Angeles, USA	Transport and the built environment

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Ewing, R.; Handy, S.; Brownson, R.C.; Clemente, O.; Winston, E.	2006	Unspecified	Active mobility
Falahatkar, S.; Rezaei, F.	2020	Iran	Densification and compactification
Farhadi, H.; Faizi, M.; Sanaieian, H.	2019	Tehran, Iran	Urban heat island
Fernández-Rodríguez, A.; Fernández-Cardador, A.; Cucala, A.P.; Falvo, M.C.	2019	Italy and Spain	Transport and the built environment, vehicle electrification
Ferrari, S.; Zagarella, F.; Caputo, P.; Bonomolo, M.	2019	Unspecified	Urban form
Ferreira, H.; Rodrigues, C.M.; Pinho, C.	2020	Porto, Portugal	Urban trips and network design
Formolli, M.; Lobaccaro, G.; Kanters, J.	2021	Europe	Eco-districts and built environment towards clean energy
Fremouw, M.; Bagaini, A.; De Pascali, P.	2020	Unspecified	Urban form
Frumkin, H.	2002	Unspecified	Urban sprawl
Fu, J.; Wang, Y.; Zhou, D.; Cao, S.-J.	2022	Xi'na, China	Urban heat island
Fujii, H.; Iwata, K.; Managi, S.	2017	Worldwide	Urban sprawl, The D-variables of compact planning
Gago, E.J.; Roldan, J.; Pacheco-Torres, R.; Ordóñez, J.	2013	Unspecified	Urban heat island
Gattuso, D.; Cassone, G.C.; Malara, M.	2018	Reggio Calabria, Italy	Transport and the built environment
Gebel, K.; Bauman, A.E.; Sugiyama, T.; Owen, N.	2011	Australia	Active mobility
Geertman, S.; Stillwell, J.	2004	Unspecified	Urban form
Georgakis, Ch.; Santamouris, M.	2006	Athens, Greece	Street canyons
GhaffarianHoseini, A.; Tookey, J.; GhaffarianHoseini, A.; Naismith, N.; Bamidele Rotimi, J.O.	2016	Africa	Developing countries urban energy challenges
Giannopoulou, K.; Santamouris, M.; Livada, I.; Georgakis, C.; Caouris, Y.	2010	Athens, Greece	Active mobility

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Gil-García, I.C.; García-Cascales, M.S.; Molina-García, A.	2022	Unspecified	Urban geometry and buildings energy consumption
Giménez-Gaydou, D.A.; Cupido dos Santos, A.; Mendes, G.; Frade, I.; Ribeiro, A.S.N.	2019	Coimbra, Portugal	Active mobility
Glaeser, E.L.; Kahn, M.E.	2010	USA	Urban sprawl
Gonçalves Duarte Santos, G.; Birolini, S.; Homem de Almeida Correia, G.	2023	Portugal	Vehicle electrification and the built environment
Gough, M.; Lotfi, M.; Castro, R.; Madhlopa, A.; Khan, A.; Catalão, J.P.S.	2019	Cape Town, South Africa	Urban geometry and buildings energy consumption
Gunawardena, K.R.; Wells, M.J.; Kershaw, T.	2017	Unspecified	Urban heat island
Guo, J.; Bissuel, C.; Courtot, F.	2021	China	Urban form
Gyurov, V.; Bezhanov, N.	2019	Varna, Bulgaria	Vehicle electrification and the built environment
Hamstead, Z.A.; Farmer, C.; McPhearson, T.	2018	USA	Urban heat island
Handy, S.L.; Boarnet, M.G.; Ewing, R.; Killingsworth, R.E.	2002	Florida, USA	Active mobility
Hankey, S.; Marshall, J.D.	2010	USA	Transport and the built environment
Hannan, S.; Sutherland, C.	2015	Durban, South Africa	Developing countries urban energy challenges
Harlan, S.L.; Brazel, A.J.; Prashad, L.; Stefanov, W.L.; Larsen, L.	2006	Phoenix, USA	Urban heat island
Heres-Del-Valle, D.; Niemeier, D.	2011	California, USA	Urban trips and network design
Hickman, R.; Banister, D.	2014	Unspecified	Transport and the built environment
Hong, J.; Goodchild, A.	2014	Unspecified	Urban sprawl
Howard, E.	2010	Unspecified	Urban sprawl

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Hsieh, S.; Schüler, N.; Shi, Z.; Fonseca, J.A.; Maréchal, F.; Schlueter, A.	2017	Singapore	Urban sprawl
Hu, J.; Yu, X.B.	2019	USA	Urban public spaces
Huang, C.; Yang, J.; Jiang, P.	2018	China	Urban heat island
Huang, H.; Li, Q.; Yang, Y.; Zhang, L.; Dong, Z.	2022	China	Urban form
Huchzermeyer, M.	Not specified	Worldwide	Developing countries urban energy challenges
Hukkalainen, M.; Virtanen, M.; Paiho, S.; Airaksinen, M.	2017	Finland	Urban form
ICLEI Europe	2023	Europe	Urban form
IEA	2023	Worldwide	Vehicle electrification and the built environment
International Energy Agency	2022	Worldwide	Urban energy consumption data
International Energy Agency	2023	Worldwide	Transport and the built environment, vehicle electrification
Jacobs, J.	1992	USA	Urban form, urban sprawl
Jank, R.	2017	Europe	Urban form and policies
Jha, A.; Preonas, L.; Burlig, F.	2021	India	Urban energy consumption data
Jin, J.	2019	Chicago, USA	Urban sprawl
Johansson, E.	2006	Fez, Morocco	Active mobility
Johansson, E.; Spangenberg, J.; Gouvêa, M.L.; Freitas, E.D.	2013	São Paulo, Brazil	Active mobility
John, R.	2020	Dar Es Salaam, Tanzania	Developing countries urban energy challenges
Juvara, M.	2022	Worldwide	Urban energy consumption data

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Kadaverugu, A.; Kadaverugu, R.; Chintala, N.R.; Gorthi, K.V.	2021	Hyderabad, India	Urban heat island
Kakar, K.A.; Prasad, C.S.R.K.	2020	Kabul, Afghanistan	Urban sprawl
Karan, E.; Mohammadpour, A.; Asadi, S.	2016	Unspecified	Vehicle electrification and the built environment
Kastner-Klein, P.; Berkowicz, R.; Britter, R.	2004	Unspecified	Street canyons
Kaza, N.	2020	USA	Densification and compactification
Keirstead, J.; Jennings, M.; Sivakumar, A.	2012	Unspecified	Urban geometry and buildings energy consumption
Kenworthy, J.R.	2006	Worldwide	Eco-districts and built environment towards clean energy
Kenworthy, J.R.; Laube, F.B.	1996	Worldwide	Transport and the built environment
Kim, K.; Yi, C.; Lee, S.	2019	Seoul, South Korea	Urban heat island
Kiprop, V.	2017	Unspecified	Street canyons
Klemm, W.; Heusinkveld, B.G.; Lenzholzer, S.; van Hove, B.	2015	Utrecht, Netherlands	Urban heat island
Kosai, S.; Yuasa, M.; Yamasue, E.	2020	Japan	Urban trips and network design
Koutra, S.; Becue, V.; Gallas, M.-A.; Ioakimidis, C.S.	2018	Unspecified	Eco-districts and built environment towards clean energy
Kumar, P.; Morawska, L.; Martani, C.; Biskos, G.; Neophytou, M.; Di Sabatino, S.; Bell, M.; Norford, L.; Britter, R.	2015	Unspecified	Street canyons
Lai, D.; Liu, W.; Gan, T.; Liu, K.; Chen, Q.	2019	Unspecified	Urban geometry and buildings energy consumption
Lawrence, D.P.	2000	Unspecified	Urban form
Le Corbusier	1972	Unspecified	Urban sprawl

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Lee, J.H.; Lim, S.	2018	South Korea	Densification and compactification
Leichenko, R.	2011	Unspecified	Urban form
Li, H.; Harvey, J.; Kendall, A.	2013	California, USA	Urban heat island
Li, S.; Zhao, P.	2017	Beijing	Urban trips and network design, public transport
Li, Y.; Schubert, S.; Kropp, J.; Rybski, D.	2020	Worldwide	Street canyons
Li, X.-X.; Liu, C.-H.; Leung, D.Y.C.; Lam, K.M.	2006	Unspecified	Street canyons
Li, X.; Zhou, W.; Ouyang, Z.	2013	Beijing, China	Urban heat island
Li, Z.; Quan, S.J.; Yang, P.P.-J.	2016	Macau	Urban geometry and buildings energy consumption
Lim, X.	2019	Unspecified	Urban public spaces
Lin, L.; Moudon, A.V.	2010	Unspecified	Active mobility
Litman, T.	2005	Worldwide	Transport and the built environment
Liu, C.; Leung, D.; Barth, M.	2005	Worldwide	Street canyons
Liu, X.; Huang, B.; Li, R.; Wang, J.	2021	Shenzhen, China	Urban form and policies
Liu, X.; Sweeney, J.	2012	Dublin, Ireland	Transport and the built environment
Liu, Y.; Huang, L.; Onstein, E.	2020	Norway	Transport and the built environment
Lobaccaro, G.; Acero, J.A.	2015	Bilbao, Spain	Urban heat island
Lobaccaro, G.; Croce, S.; Lindkvist, C.; Munari Probst, M.C.; Scognamiglio, A.; Dahlberg, J.; Lundgren, M.; Wall, M.	2019	Worldwide	Eco-districts and built environment towards clean energy
Loeffler, R.; Österreicher, D.; Stoeglehner, G.	2021	Vienna, Austria	Densification and compactification
Lombardi, P.; Trossero, E.	2013	Europe	Eco-districts and built environment towards clean energy
Lu, I.J.; Lin, S.J.; Lewis, C.	2007	Taiwan, Germany, Japan, South Korea	Transport and the built environment

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Luqman, M.; Rayner, P.J.; Gurney, K.R.	2023	Worldwide	Densification and compactification
Lyu, G.; Bertolini, L.; Pfeffer, K.	2016	Beijing, China	Densification and compactification
Ma, L.; Dill, J.	2015	Portland, USA	Active mobility
Ma, Y.; Yang, Y.; Jiao, H.	2021	Wuhan, China	Urban form
Mackey, C.W.; Lee, X.; Smith, R.B.	2012	Chicago, USA	Urban heat island
Mandeli, K.	2019	Jeddah, Saudi Arabia	Urban public spaces
Marciotto, E.; Oliveira, A.; Hanna, S.	2010	Worldwide	Street canyons
Marrone, P.; Fiume, F.; Laudani, A.; Montella, I.; Palermo, M.; Fulginei, F.R.	2023	Rome, Italy	Eco-districts and built environment towards clean energy
Mastrucci, A.; Baume, O.; Stazi, F.; Leopold, U.	2014	Rotterdam, Netherlands	Eco-districts and built environment towards clean energy
Matzarakis, A.; Rutz, F.; Mayer, H.	2007	Crete, Greece	Active mobility
Maya-Drysdale, D.; Krog Jensen, L.; Vad Mathiesen, B.	2020	Europe	Urban form
McPherson, E.G.; Simpson, J.R.; Peper, P.J.; Maco, S.E.; Xiao, Q.; Hoefer, P.J.	2003	Unspecified	Urban heat island
Mele, C.; McLeskey, M.H.	2018	Unspecified	Urban form and policies
Mendiola, L.; González, P.; Cebollada, À.	2014	Biscay	Urban trips and network design
Meng, T.; Hsu, D.; Han, A.	2017	New York, USA	Eco-districts and built environment towards clean energy
Mohsin, M.M.; Beach, T.; Kwan, A.	2017	Bristol, UK	Developing countries urban energy challenges

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Monteiro, J.; Carrilho, A.C.; Sousa, N.; Oliveira, L.K. de; Natividade-Jesus, E.; Coutinho-Rodrigues, J.	2023	Belo Horizonte, Brazil and Coimbra, Portugal	Urban form
Monteiro, J.; Para, M.; Sousa, N.; Natividade-Jesus, E.; Ostorero, C.; Coutinho-Rodrigues, J.	2023	Coimbra, Portugal	Transport and the built environment, urban sprawl, densification and compactification
Monteiro, J.; Sousa, N.; Natividade-Jesus, E.; Coutinho-Rodrigues, J.	2023	Coimbra, Portugal	Transport and the built environment, urban sprawl
Monteiro, J.; Sousa, N.; Natividade-Jesus, E.; Coutinho-Rodrigues, J.	2023	Coimbra, Portugal	Active mobility, urban sprawl
Monteiro, J.; Sousa, N.; Natividade-Jesus, E.; Coutinho-Rodrigues, J.	2022	Coimbra, Portugal	Urban form, urban sprawl
Monteiro, J.; Sousa, N.; Pais, F.; Coutinho-Rodrigues, J.; Natividade-Jesus, E.	2023	Worldwide	Urban form
Moraci, F.; Errigo, M.F.; Fazia, C.; Burgio, G.; Foresta, S.	2018	Rotterdam, Netherlands	Urban form
Morrissey, J.; Moore, T.; Horne, R.E.	2011	Unspecified	Urban geometry and buildings energy consumption, street canyons
Motavalli, J.	2021	Unspecified	Vehicle electrification and the built environment, urban form
Moyer, A.N.; Hawkins, T.W.	2017	Pennsylvania, USA	Urban heat island
Muñoz, P.; Zwick, S.; Mirzabaei, A.	2020	Austria	Densification and compactification
Naess, P.	2010	Hangzhou, China	Urban sprawl
Nahlik, M.J.; Chester, M.V.	2014	Los Angeles, USA	Transport and the built environment, densification and compactification

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Nasri, A.; Zhang, L.	2014	Washington, D.C. and Baltimore	Transport and the built environment, densification and compactification
Natividade-Jesus, E.	2022	Unspecified	Transport and the built environment
Nelson, A.C.	2017	Unspecified	Urban sprawl, The D-variables of compact planning
Net Zero by 2050	2021	Worldwide	Eco-districts and built environment towards clean energy
Neuman, M.	2005	Unspecified	The D-variables of compact planning
Newman, P.	2006	Worldwide	Transport and the built environment
Newman, P.W.G.; Kenworthy, J.R.	1989	Worldwide	Transport and the built environment
Nkosi, N.P.; Dikgang, J.;	2018	South Africa	Urban energy consumption data
Norton, B.A.; Coutts, A.M.; Livesley, S.J.; Harris, R.J.; Hunter, A.M.; Williams, N.S.G.	2015	Melbourne, Australia	Urban heat island
O'Malley, C.; Piroozfar, P.; Farr, E.R.P.; Pomponi, F.	2015	London, UK	Urban heat island
Oh, M.; Jang, K.M.; Kim, Y.	2021	Seoul, South Korea	Urban geometry and buildings energy consumption, street canyons
Oh, M.; Kim, Y.	2019	South Korea	Urban geometry and buildings energy consumption
Oke, T.	1987	Unspecified	Urban heat island
Oke, T.	1981	Unspecified	Street canyons
Okeil, A.	2010	Unspecified	Urban heat island
Olgyay, V.	2015	Unspecified	Urban geometry and buildings energy consumption
Osman, T.; Divigalpitiya, P.; Osman, M.M.	2016	Cairo, Egypt	Urban sprawl
Ozgun, K.	2020	Sidney, Australia	Urban public spaces
Paatero, J.V.; Lund, P.D.	2007	Helsinki, Finland	Eco-districts and built environment towards clean energy

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Pacheco-Torgal, F.	2015	Worldwide	Urban heat island
Pasichnyi, O.; Levihn, F.; Shahrokni, H.; Wallin, J.; Kordas, O.	2019	Stockholm, Sweeden	Eco-districts and built environment towards clean energy
Patel, Z.; Greyling, S.; Simon, D.; Arfvidsson, H.; Moodley, N.; Primo, N.; Wright, C.	2017	Cape Town, South Africa	Developing countries urban energy challenges
Pei, A.	2023	Worldwide	Active mobility
Perea-Moreno, M.-A.; Hernandez-Escobedo, Q.; Perea-Moreno, A.-J.	2018	Worldwide	Urban form
Perini, K.; Magliocco, A.	2014	Italy	Active mobility
Petersen, J.-P.; Heurkens, E.	2018	Europe	Urban form
Pieterse, D.E.; Parnell, S.	Not specified	Africa	Developing countries urban energy challenges
Pietrzak, O.; Pietrzak, K.	2021	Szczecin, Poland	Vehicle electrification and the built environment
Pisano, C.	2020	Italy and Spain	Active mobility
Pisello, A.L.	2017	Unspecified	Urban public spaces
Pisello, A.L.; Taylor, J.E.; Xu, X.; Cotana, F.	2012	USA	Densification and compactification
Pizzo, B.	2015	Unspecified	Urban form
Pretty, J.; Toulmin, C.; Williams, S.	2011	Africa	Developing countries urban energy challenges
Priyadarsini, R.; Hien, W.N.; Wai David, C.K.	2008	Singapore	Densification and compactification
Qin, Y.	2015	California, USA	Urban public spaces
Quan, S.J.; Li, C.	2021	Unspecified	Urban form
Redweik, P.; Catita, C.; Brito, M.	2013	Lisbon, Portugal	Urban geometry and buildings energy consumption
Regina de Casas Castro Marins, K.	2014	São Paulo, Brazil	Public transport

Authors	Publication date	Location of Research	Article topic
Reinhart, C.F.; Cerezo Davila, C.	2016	Worldwide	Urban form
Resch, E.; Bohne, R.A.; Kvamsdal, T.; Lohne, J.	2016	Europe	Densification and compactification
Rickwood, P.; Glazebrook, G.; Searle, G.	2008	Unspecified	Urban form
Riley, C.	2019	Unspecified	Vehicle electrification
Rodríguez-Álvarez, J.	2016	Europe	Densification and compactification
Roger-Lacan, C.	2019	Unspecified	Eco-districts and built environment towards clean energy
Rosso, F.; Fabiani, C.; Chiatti, C.; Pisello, A.L.	2019	Unspecified	Urban public spaces
Rosso, F.; Pisello, A.L.; Cotana, F.; Ferrero, M.	2016	Italy	Urban public spaces
Rydin, Y.; Thomas, S.; Beddington, J.	2010	UK	Urban form
Santamouris, M.	2013	Unspecified	Urban heat island
Santamouris, M.	2014	Unspecified	Urban heat island
Santos, P.	-	Unspecified	Buildings and materials
Santos, T.; Deus, R.; Rocha, J.; Tenedório, J.A.	2021	Algarve, Portugal	The D-variables of compact planning
Sarrat, C.; Lemonsu, A.; Masson, V.; Guedalia, D.	2006	Paris, France	Urban heat island
Shahidan, Mohd.F.; Shariff, M.K.M.; Jones, P.; Salleh, E.; Abdullah, A.M.	2010	Malaysia	Urban heat island
Shashua-Bar, L.; Hoffman, M.E.	2000	Tel-Aviv, Israel	Active mobility
Shashua-Bar, L.; Potchter, O.; Bitan, A.; Boltansky, D.; Yaakov, Y.	2010	Tel Aviv, Israel	Urban heat island
Shen, Q.; Chen, P.; Pan, H.	2016	China	Public transport
Shi, F.; Liao, X.; Shen, L.; Meng, C.; Lai, Y.	2022	China	Transport and the built environment
Shim, G.-E.; Rhee, S.-M.; Ahn, K.-H.; Chung, S.-B.	2006	South Korea	Transport and the built environment, urban trips and network design
Shirgaokar, M.; Deakin, E.; Duduta, N.	2013	Jinan, China	Urban geometry and buildings energy consumption

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Silva, M.; Leal, V.; Oliveira, V.; Horta, I.M.	2018	Porto, Portugal	Densification and compactification
Silva, M.; Oliveira, V.; Leal, V.	2017	Porto, Portugal	Transport and the built environment
Silva, M.C.; Horta, I.M.; Leal, V.; Oliveira, V.	2017	Porto, Portugal	Urban geometry and buildings energy consumption
Sousa, N.; Almeida, A.; Coutinho-Rodrigues, J.	2020	Europe	Vehicle electrification and the built environment
Sousa, N.; Monteiro, J.; Natividade-Jesus, E.; Coutinho-Rodrigues, J.	2022	Coimbra, Portugal	Urban sprawl
Sousa, N.; Monteiro, J.; Natividade-Jesus, E.; Coutinho-Rodrigues, J.	2022	Coimbra, Portugal	The D-variables of compact planning
Srivanit, M.; Hokao, K.	2013	Japan	Active mobility
Starace, F.; Tricoire, J.-P.	2021	Worldwide	Urban energy consumption data
Stemers, K.	2003	Worldwide	Densification and compactification
Stelzer, V.; Immendoerfer, A.; Winkelmann, M.	2014	Europe	Urban form and policies
Stevens, M.R.	2017	Unspecified	Urban sprawl, The D-variables of compact planning
Stone, B.; Mednick, A.C.; Holloway, T.; Spak, S.N.	2007	USA	Urban sprawl
Strasser, H.	2015	Salzburg, Austria	Urban form and policies
Strømman-Andersen, J.; Sattrup, P.A.	2011	Copenhagen, Denmark	Urban geometry and buildings energy consumption, street canyons
Swilling, M.; Anneck, E.	2006	South Africa	Developing countries urban energy challenges
Talbi, B.	2017	Tunisia	Developing countries urban energy challenges
Taleghani, M.; Tenpierik, M.; van den Dobbelsteen, A.; de Dear, R.	2013	Netherlands	Urban geometry and buildings energy consumption, street canyons
Taminiau, J.; Byrne, J.; Kim, J.; Kim, M.; Seo, J.	2021	East Asia	Eco-districts and built environment towards clean energy

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Tchepel, O.; Monteiro, A.; Dias, D.; Gama, C.; Pina, N.; Rodrigues, J.P.; Ferreira, M.; Miranda, A.I.	2020	Coimbra, Portugal	Urban geometry and buildings energy consumption
Toboso-Chavero, S.; Nadal, A.; Petit-Boix, A.; Pons, O.; Villalba, G.; Gabarrell, X.; Josa, A.; Rieradevall, J.	2019	Unspecified	Urban form
Todhunter, P.	1990	Worldwide	Street canyons
Tsangas, M.; Papamichael, I.; Zorpas, A.A.	2023	Unspecified	Urban form
U.S. Department of Transportation	2010	United States	Active mobility
UN Habitat	2023	Worldwide	Urban energy consumption data
United Nations	2018	Worldwide	Urban energy consumption data
United Nations	2023	Worldwide	Urban energy consumption data
United Nations	2021	Worldwide	Urban energy consumption data
Urban Sprawl in Europe - Joint EEA-FOEN Report	N/A	Europe	Urban sprawl
Vailshery, L.S.; Jaganmohan, M.; Nagendra, H.	2013	Bangalore, India	Active mobility
Van der Borcht, R.; Pallares Barbera, M.	2023	Latin America	Transport and the built environment
van Esch, M.M.E.; Looman, R.H.J.; de Bruin-Hordijk, G.J.	2012	Netherlands	Street canyons
Vardoulakis, S.; Fisher, B.E.A.; Pericleous, K.; Gonzalez-Flesca, N.	2003	Unspecified	Street canyons
Vartholomaïos, A.	2017	Thessaloniki, Greece	Urban geometry and buildings energy consumption
Vonk, G.; Ligtenberg, A.	2010	Unspecified	Urban form
Wang, D.; Zhou, M.	2017	China	Urban sprawl
Wang, H.; Ou, X.; Zhang, X.	2017	China	Developing countries urban energy challenges

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Wang, P.; Yang, Y.; Ji, C.; Huang, L.	2023	Nanjing, China	Urban heat island
Wang, S.; Lu, C.; Liu, C.; Zhou, Y.; Bi, J.; Zhao, X.	2020	China	Vehicle electrification and the built environment
Wang, S.; Wang, J.; Fang, C.; Li, S.	2019	China	Densification and compactification
Wang, Y.; Yang, L.; Han, S.; Li, C.; Ramachandra, T.V.	2017	Xi'an and Bangalore	Urban trips and network design
Wang, Z.-H.	2022	Unspecified	Urban heat island
Weijs-Perrée, M.; Dane, G.; van den Berg, P.	2020	Eindhoven, Netherlands	Urban public spaces
Weisz, H.; Steinberger, J.K.	2010	Unspecified	The D-variables of compact planning
White, I.; O'Hare, P.	2014	Unspecified	Urban form
Wong, P.P.-Y.; Lai, P.-C.; Low, C.-T.; Chen, S.; Hart, M.	2016	Hong Kong	Urban heat island
Woo, Y.-E.; Cho, G.-H.	2018	Seoul, South Korea	Urban sprawl
Wu, W.; Xue, B.; Song, Y.; Gong, X.; Ma, T.	2023	Ningbo, China	Transport and the built environment, urban sprawl
Xiong, R.; Zhao, H.; Huang, Y.	2024	Guiyang, China	Active mobility
Xu, X.; Sun, S.; Liu, W.; García, E.H.; He, L.; Cai, Q.; Xu, S.; Wang, J.; Zhu, J.	2017	Beijing, China	Urban heat island
Xue, X.; Ren, Y.; Cui, S.; Lin, J.; Huang, W.; Zhou, J.	2015	Xiamen, China	Transport and the built environment
Yan, H.; Wu, F.; Dong, L.	2018	Beijing, China	Urban heat island
Yang, W.; Cao, X.	2018	Guangzhou, China	Urban trips and network design
Yang, W.; Li, T.; Cao, X.	2015	China	Transport and the built environment, The D-variables of compact planning
Yao, X.; Kou, D.; Shao, S.; Li, X.; Wang, W.; Zhang, C.	2018	China	Densification and compactification
Yezioro, A.; Capeluto, I.G.; Shaviv, E.	2006	Unspecified	Urban heat island

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Yıldırım, H.H.Y.; Gültekin, A.B.; Tanrıvermiş, H.	2017	Europe	Urban form
Zahabi, S.A.H.; Miranda-Moreno, L.; Patterson, Z.; Barla, P.; Harding, C.	2012	Montreal, Canada	Vehicle electrification and the built environment, urban sprawl
Zamanifard, H.; Alizadeh, T.; Bosman, C.; Coiacetto, E.	2019	Brisbane, Australia	Urban public spaces
Zhao, P.; Lü, B.; Roo, G. de	2011	Beijing	Urban trips and network design
Zheng, S.; Kroll; A.	2023	Wordwide	Active mobility
Zhu, P.; Wang, K.; Ho, S.-N. (Rita); Tan, X.	2023	Hong Kong	Transport and the built environment
Zölch, T.; Maderspacher, J.; Wamsler, C.; Pauleit, S.	2016	Munich, Germany	Urban heat island