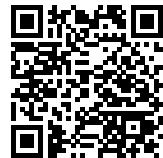


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1.

Longley P, Batty M, University College, London. Centre for Advanced Spatial Analysis. Advanced spatial analysis: the CASA book of GIS. Redlands, Calif: ESRI Press; 2003.

2.

Park RE. Human Ecology. American Journal of Sociology. 1936 Jul;42(1):1-15.

3.

McKenzie RD. The Ecological Approach to the Study of the Human Community. American Journal of Sociology. 1924 Nov;30(3):287-301.

4.

Batty M. The Size, Scale, and Shape of Cities. Science. 2008 Feb 8;319(5864):769-71.

5.

Sheppard E. Thinking Geographically: Globalizing Capitalism and Beyond. Annals of the Association of American Geographers. 2015 Nov 2;105(6):1113-34.

6.

SOJA EW. THE SOCIO-SPATIAL DIALECTIC. Annals of the Association of American Geographers. 1980 Jun;70(2):207-25.

7.

Geyer H, Kontuly T. A Theoretical Foundation for the Concept of Differential Urbanization. International Regional Science Review. 1993 Aug 1;15(2):157-77.

8.

Kontuly T, Geyer HS. Lessons Learned from Testing the Differential Urbanisation Model. Tijdschrift voor Economische en Sociale Geografie. 2003 Feb;94(1):124-8.

9.

Brenner N. Theses on Urbanization. Public Culture. 2013;25(1):85-114.

10.

Angel S, Parent J, Civco DL, Blei A, Potere D. The dimensions of global urban expansion: Estimates and projections for all countries, 2000–2050. Progress in Planning. 2011 Feb;75(2):53-107.

11.

Espino NA. Chapter 6 (Power and urban segregation) / Chapter 7 (Power and land markets) / Chapter 8 (Segregation and urban economies). In: Building the inclusive city: theory and practice for confronting urban segregation [Internet]. London: Routledge; 2015. Available from: <http://dx.doi.org/10.4324/9781315747491>

12.

Batty M. Cities and complexity: understanding cities with cellular automata, agent-based models, and fractals. Cambridge, Mass: MIT Press; 2005.

13.

Batty M. Cellular Automata and Urban Form: A Primer. Journal of the American Planning Association. 1997 Jun 30;63(2):266-74.

14.

Schelling TC. Dynamic models of segregation. *The Journal of Mathematical Sociology*. 1971 Jul;1(2):143–86.

15.

Pumain D. Scaling Laws and Urban Systems. 2004; Available from: <https://www.santafe.edu/research/results/working-papers/scaling-laws-and-urban-systems>

16.

Cottineau C, Finance O, Hatna E, Arcaute E, Batty M. Defining urban agglomerations to detect agglomeration economies. 2016; Available from: <https://arxiv.org/abs/1601.05664>

17.

Arcaute E, Hatna E, Ferguson P, Youn H, Johansson A, Batty M. Constructing cities, deconstructing scaling laws. *Journal of The Royal Society Interface*. 2014 Nov 19;12(102):20140745–20140745.

18.

Hägerstraand T. WHAT ABOUT PEOPLE IN REGIONAL SCIENCE? *Papers in Regional Science*. 2005 Jan 14;24(1):7–24.

19.

Sheller M, Urry J. The New Mobilities Paradigm. *Environment and Planning A*. 2006 Feb;38(2):207–26.

20.

Coulter R, Ham M van, Findlay AM. Re-thinking residential mobility. *Progress in Human Geography*. 2016 Jun;40(3):352–74.

21.

Michael Pacione. Residential mobility and neighbourhood change (chapter 10). In: *Urban geography: a global perspective* [Internet]. 3rd ed. London: Routledge; 2009. Available from:
http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3675172570004761&institutionId=4761&customerId=4760

22.

Batty M. Generating cities from the bottom-up: Using complexity theory for effective design [Internet]. Cluster; 2008. Available from:
<http://www.complexcity.info/files/2011/07/batty-cluster-magazine-2008.pdf>

23.

Burrows R, Gane N. Geodemographics, Software and Class. *Sociology*. 2006 Oct;40(5):793-812.

24.

Ethnographic Evidence, Heterogeneity, and Neighbourhood Effects After Moving to Opportunity. In: *Neighbourhood effects research: new perspectives* [Internet]. Dordrecht: Springer; 2012. Available from:
<http://libproxy.ucl.ac.uk/login?url=http://www.dawsonera.com/depp/reader/protected/external/AbstractView/S9789400723092>

25.

Harvey, D. FROM MANAGERIALISM TO ENTREPRENEURIALISM - THE TRANSFORMATION IN URBAN GOVERNANCE IN LATE CAPITALISM. *Geografiska Annaler Series B-Human Geography* [Internet]. 71(1):3-17. Available from:
https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_wosA1989CG50300001&context=PC&vid=UCL_VU2&en_US&search_scope=CSCO_P_UCL&adaptor=primo_central_multiple_fe&tab=local&query=title,contains,From%20managerialism%20to%20the%20entrepreneurialism,AND&query=creator,contains,harvey,%20d,AND&sortby=rank&mode=advanced&offset=0

26.

Campbell SD. The Planner's Triangle Revisited: Sustainability and the Evolution of a Planning Ideal That Can't Stand Still. *Journal of the American Planning Association*. 2016 Oct;82(4):388-97.

27.

Giddens A. The Constitution of Society: Outline of the Theory of Structuration [Internet]. Hoboken: Wiley; 2013. Available from:
http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3181989580004761&institutionId=4761&customerId=4760

28.

Carlstein T, Parkes D, Thrift NJ. 9 A time-geographic simulation model of individual activity programmes. In: Timing space and spacing time: Vol2: Human activity and time geography. London: Edward Arnold; p. 163–80.

29.

T H. 7 Survival and Arena. In: Timing space and spacing time: Vol2: Human activity and time geography. London: Edward Arnold; p. 122–45.

30.

Domencich TA, McFadden D. Urban travel demand: a behavioral analysis. Vol. 93. Amsterdam: North-Holland Publishing Co. [etc.]; 1975.

31.

Oppenheim N. Urban travel demand modeling: from individual choices to general equilibrium. New York: Wiley; 1995.

32.

Castells M. The rise of the network society [Internet]. 2nd ed., with a new pref. Vol. v. 1. Chichester: Wiley-Blackwell; 2010. Available from:
http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=317703340004761&institutionId=4761&customerId=4760

33.

Urry J. Social networks, mobile lives and social inequalities. Journal of Transport

Geography. 2012 Mar;21:24–30.

34.

Urry J. *Mobilities*. Cambridge: Polity; 2007.

35.

Batty M. *The new science of cities*. Cambridge, Mass: MIT Press; 2013.

36.

Jiang, Bin Prof, Xiaobai Yao. *Geospatial analysis and modelling of urban structure and dynamics*. Dordrecht: Springer; 2010.

37.

Batty M, Longley P. *Fractal cities: a geometry of form and function* [Internet]. London: Academic Press; 1994. Available from: <http://discovery.ucl.ac.uk/1370661/>

38.

Maguire DJ, Batty M, Goodchild MF. *GIS, spatial analysis, and modeling*. Redlands, Calif: ESRI Press; 2005.

39.

Mandelbrot B. How Long Is the Coast of Britain? Statistical Self-Similarity and Fractional Dimension. *Science*. 1967 May 5;156(3775):636–8.

40.

Savage M, Bagnall G, Longhurst B. *Globalization and belonging*. Vol. *Theory, culture&society*. London: SAGE; 2005.

41.

Harris R, Sleight P, Webber R. Geodemographics, GIS, and neighbourhood targeting [Internet]. Chichester: Wiley; 2005. Available from:
<https://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=nlebk&AN=141683&site=ehost-live&scope=site&custid=s8454451>

42.

Parker S, Uprichard E, Burrows R. Class Places and Place Classes: Geodemographics and the spatialization of class. *Information, Communication & Society*. 2007 Dec;10(6):902-21.

43.

Bourdieu, Pierre. What Makes a Social Class? On The Theoretical and Practical Existence Of Groups. *Berkeley Journal of Sociology* [Internet]. 32:1-17. Available from:
https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_jstor_archive_1041035356&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,What%20makes%20a%20social%20class%3F&sortby=rank&offset=0

44.

Castells M. The informational city: information technology, economic restructuring, and the urban-regional process. Oxford: Blackwell; 1989.

45.

Sassen S. The global city: New York, London, Tokyo [Internet]. 2nd ed. Princeton, NJ: Princeton University Press; 1991. Available from:
http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3265494360004761&institutionId=4761&customerId=4760

46.

Harvey D, Harvey D, Harvey D. The urban experience. Baltimore: Johns Hopkins University Press; 1989.

47.

Graham S, Marvin S. Splintering urbanism: networked infrastructures, technological mobilities and the urban condition. London: Routledge; 2001.

48.

Bourdieu P. Practical reason: on the theory of action. London: Polity Press; 1998.

49.

Ham M van. Neighbourhood effects research: new perspectives. Dordrecht: Springer; 2012.

50.

SpringerLink (Online service). Understanding Neighbourhood Dynamics: New Insights for Neighbourhood Effects Research [Internet]. Ham M van, Bailey N, MacLennan D, Manley D, Simpson L, editors. Dordrecht: Springer Netherlands; 2013. Available from: <http://dx.doi.org.libproxy.ucl.ac.uk/10.1007/978-94-007-4854-5>

51.

Krieger N. Embodiment: a conceptual glossary for epidemiology. Journal of Epidemiology & Community Health. 2005 May 1;59(5):350–5.

52.

Brunner E, Marmot M. Social organization, stress, and health. In: Marmot M, Wilkinson R, editors. Social Determinants of Health [Internet]. Oxford University Press; 2005. p. 6–30. Available from: <http://www.oxfordscholarship.com/view/10.1093/acprof:oso/9780198565895.001.0001/acprof-9780198565895-chapter-02>

53.

Hidden Cities, Unmasking and Overcoming Health Inequities in Urban Settings [Internet]. Geneva: World Health Organization & UN-Habitat; 2010. Available from: http://apps.who.int/iris/bitstream/handle/10665/44439/9789241548038_eng.pdf?sequence=1&isAllowed=y

54.

Improving urban health equity through action on the social and environmental determinants of health [Internet]. London: Global research network on urban health equity; 2010. Available from:
<http://sustainablecities.org.nz/wp-content/uploads/GRNUHEFinalReportJuly20101.pdf>

55.

Wilson WJ. The truly disadvantaged: the inner city, the underclass, and public policy. Chicago: University of Chicago Press; 1987.

56.

Florida R. Cities and the Creative Class. City and Community. 2003 Mar;2(1):3-19.

57.

UN Habitat. The New Urban Agenda - Habitat III [Internet]. 2017. Available from:
<http://habitat3.org/the-new-urban-agenda>

58.

United Nations Sustainable Development. Agenda 21 [Internet]. Rio de Janeiro; 1992. Available from: <https://sustainabledevelopment.un.org/content/documents/Agenda21.pdf>

59.

Transforming our world: The 2030 agenda for sustainable development [Internet]. 2015. Available from:
<https://sustainabledevelopment.un.org/content/documents/21252030%20Agenda%20for%20Sustainable%20Development%20web.pdf>

60.

Jenks M, Burton E, Williams K. The compact city: a sustainable urban form? London: E & FN Spon; 1996.

61.

Jabareen YR. Sustainable Urban Forms. *Journal of Planning Education and Research*. 2006 Sep;26(1):38-52.

62.

Kenworthy JR. The eco-city: ten key transport and planning dimensions for sustainable city development. *Environment and Urbanization*. 2006 Apr;18(1):67-85.

63.

Florida RL. *The new urban crisis: how our cities are increasing inequality, deepening segregation, and failing the middle class-- and what we can do about it*. New York: Basic Books; 2017.

64.

Pratt AC. The cultural contradictions of the creative city. *City, Culture and Society*. 2011 Sep;2(3):123-30.

65.

Ward K. Entrepreneurial Urbanism, Policy Tourism, and the Making Mobile of Policies. In: Bridge G, Watson S, editors. *The New Blackwell Companion to the City* [Internet]. Oxford, UK: Wiley-Blackwell; 2011. p. 726-37. Available from: <http://doi.wiley.com/10.1002/9781444395105.ch63>

66.

Ralph EC. *Place and placelessness*. Vol. 1. London: Pion; 1976.

67.

Steadman P. Von Thunen Model [Internet]. Available from: <http://www.complexcity.info/media/software/von-thunens-model/>

68.

Batty M, Axhausen KW, Giannotti F, Pozdnoukhov A, Bazzani A, Wachowicz M, et al. Smart cities of the future. *The European Physical Journal Special Topics*. 2012 Nov;214(1):481–518.

69.

Batty M. Cities as Complex Systems: Scaling, Interaction, Networks, Dynamics and Urban Morphologies. In: Meyers RA, editor. *Encyclopedia of Complexity and Systems Science* [Internet]. New York, NY: Springer New York; 2009. p. 1041–71. Available from: http://link.springer.com/10.1007/978-0-387-30440-3_69

70.

BERRY BJL. CITIES AS SYSTEMS WITHIN SYSTEMS OF CITIES. *Papers of the Regional Science Association*. 1964;13(1):147–63.

71.

Newman MEJ. Resource Letter CS-1: Complex Systems. *American Journal of Physics*. 2011 Aug;79(8):800–10.

72.

Michael Batty. Mike Batty's Lectures on Models, Complexity, and Smart Cities at various places [Internet]. Available from: <http://www.spatialcomplexity.info/>

73.

Complexity Explorer: Santa Fe Institute [Internet]. Available from: <http://www.complexityexplorer.org/>

74.

Weaver W. Science and Complexity. *American Scientist* [Internet]. 1948;36(4):536–44. Available from: <http://www.jstor.org/stable/27826254>

75.

Rees PH. The Factorial Ecology of Calcutta. *American Journal of Sociology*. 1969 Mar;74(5):445–91.

76.

Engels F, Kiernan VG. The condition of the working class in England. Vol. Penguin classics. Harmondsworth: Penguin; 1987.

77.

Doreen Massey. 2 New Directions in Space. In: Gregory D, Urry J, editors. *Social relations and spatial structures*. New York: St. Martin's Press; 1985.

78.

Massey DB. Spatial divisions of labour: social structures and the geography of production. Vol. *Critical human geography*. London: Macmillan; 1984.

79.

Simmel G. The metropolis and mental life. 1971.

80.

Wirth L. Urbanism as a way of life. *American Journal of Sociology* [Internet]. 1938;44(1):24–44. Available from: <http://www.jstor.org/stable/2768119>

81.

Burgess E. The Growth of the City: An Introduction to a Research Project. In: *The city*. 1st ed., 4th impression. Chicago: Chicago University Press; 1967.

82.

Bourne LS. Reinventing the suburbs: Old myths and new realities. *Progress in Planning*. 1996 Jan;46(3):163–84.

83.

Kasarda JD, Crenshaw EM. Third World Urbanization: Dimensions, Theories, and Determinants. *Annual Review of Sociology*. 1991 Aug;17(1):467-501.

84.

Coulter R, Ham M van, Findlay AM. Re-thinking residential mobility. *Progress in Human Geography*. 2016 Jun;40(3):352-74.

85.

Hamnett C. Social Polarisation in Global Cities: Theory and Evidence. *Urban Studies*. 1994 Apr;31(3):401-24.

86.

David Harvey. Chapter 4 of The urban experience (Theory of residential differentiation). In: The urban experience. Baltimore: Johns Hopkins University Press; 1989.

87.

Rees P, Bell M, Kupiszewski M, Kupiszewska D, Ueffing P, Bernard A, et al. The Impact of Internal Migration on Population Redistribution: an International Comparison. *Population, Space and Place*. 2017 Aug;23(6).

88.

Sassen S. The global city: New York, London, Tokyo. 2nd ed. Princeton, N.J.: Princeton UP; 2001.

89.

United Nations, Department of Economiical and Social Affairs. World Urbanization Prospects: The 2018 Revision, Highlights [Internet]. New York: United Nations; 2018. Available from: <https://esa.un.org/unpd/wup/>

90.

Lambooy JG. Economies of agglomeration and spatial development: Cities in the era of the knowledge economy [Internet]. University of Utrecht; 1998. Available from: <http://econ.geo.uu.nl/lambooy/lambooy.html>

91.

Alonso W. Location and land use: toward a general theory of land rent. Cambridge, Mass: Harvard University Press; 1964.

92.

Alonso W. Location and land use: toward a general theory of land rent. Cambridge, Mass: Harvard University Press; 1964.

93.

Anas A, Alex Anas, Richard Arnott and Kenneth A. Small R, Alex Anas, Richard Arnott and Kenneth A. Small AA Richard Arnott and Kenneth A Small. Urban spatial structure. Journal of Economic Literature [Internet]. 1998;36(3):1426–64. Available from: <http://www.jstor.org/stable/2564805>

94.

Glaeser EL. Triumph of the city. London: Macmillan; 2011.

95.

Jacobs J. The death and life of great American cities. Vol. Pelican books. Harmondsworth: Penguin; 1972.

96.

Jacobs J. The economy of cities. Vol. Pelican books. Harmondsworth: Penguin Books; 1972.

97.

Mirowski P. More Heat than Light: Economics as Social Physics, Physics as Nature's

Economics [Internet]. Vol. Historical Perspectives on Modern Economics. Cambridge: Cambridge University Press; 1989. Available from:
<http://dx.doi.org/10.1017/CBO9780511559990>

98.

Robin Morphet. Von Thunen's Legendre Transform [Internet]. CASA Working Paper 193 | The Bartlett Centre for Advanced Spatial Analysis - UCL - London's Global University; 2013. Available from:
<https://www.ucl.ac.uk/bartlett/casa/case-studies/2013/jul/casa-working-paper-193>

99.

Alan Wilson. Chapter 1. In: Complex spatial systems: the modelling foundations of urban and regional analysis. Harlow: Pearson Education; 2000.

100.

Zia RKP, Redish EF, McKay SR. Making sense of the Legendre transform. American Journal of Physics. 2009 Jul;77(7):614-22.

101.

Fujita M, Thisse JF. Economics of Agglomeration: Cities, Industrial Location, and Globalization [Internet]. 2nd ed. Cambridge: Cambridge University Press; 2013. Available from: <http://dx.doi.org/10.1017/CBO9781139051552>

102.

West GB. A General Model for the Origin of Allometric Scaling Laws in Biology. Science. 1997 Apr 4;276(5309):122-6.

103.

Bettencourt LMA, Lobo J, Helbing D, Kuhnert C, West GB. Growth, innovation, scaling, and the pace of life in cities. Proceedings of the National Academy of Sciences. 2007 Apr 24;104(17):7301-6.

104.

Bettencourt LMA. The Origins of Scaling in Cities. *Science*. 2013 Jun 21;340(6139):1438–41.

105.

Rohilla Shalizi C. Scaling and Hierarchy in Urban Economies. 2011; Available from: <https://arxiv.org/abs/1102.4101>

106.

Leitão JC, Miotti JM, Gerlach M, Altmann EG. Is this scaling nonlinear? *Royal Society Open Science*. 2016 Jul;3(7).

107.

Pisarenko VF, Sornette D. Robust statistical tests of Dragon-Kings beyond power law distributions. *The European Physical Journal Special Topics*. 2012 May;205(1):95–115.

108.

Clauset A, Shalizi CR, Newman MEJ. Power-Law Distributions in Empirical Data. *SIAM Review*. 2009 Nov 4;51(4):661–703.

109.

Newman MEJ. Power laws, Pareto distributions and Zipf's law. *Contemporary Physics*. 2005 Sep;46(5):323–51.

110.

Eeckhout J. Gibrat's Law for (All) Cities. *American Economic Review*. 2004 Nov;94(5):1429–51.

111.

Cristelli M, Batty M, Pietronero L. There is More than a Power Law in Zipf. *Scientific*

Reports. 2012 Dec;2(1).

112.

Gabaix X. Zipf's Law for Cities: An Explanation. *The Quarterly Journal of Economics*. 1999 Aug 1;114(3):739–67.

113.

Gabaix X. Zipf's Law and the Growth of Cities. *American Economic Review*. 1999 May;89(2):129–32.

114.

Stumpf MPH, Porter MA. Critical Truths About Power Laws. *Science*. 2012 Feb 10;335(6069):665–6.

115.

Fotheringham AS, Crespo R, Yao J. Exploring, modelling and predicting spatiotemporal variations in house prices. *The Annals of Regional Science*. 2015 Mar;54(2):417–36.

116.

Harvey D, American Council of Learned Societies. *Rebel cities: from the right to the city to the urban revolution [Internet]*. Paperback ed. London: Verso; 2013. Available from: <http://hdl.handle.net/2027/heb.32147>

117.

De Landa M. *A new philosophy of society: assemblage theory and social complexity*. London: Continuum; 2006.

118.

McFarlane C. The City as Assemblage: Dwelling and Urban Space. *Environment and Planning D: Society and Space*. 2011 Aug;29(4):649–71.

119.

King LJ. Central place theory. Vol. v. 1. Beverly Hills, Calif: Sage Publications; 1984.

120.

Tuan Y fu. Space and place: the perspective of experience. Minneapolis: University of Minnesota Press; 1977.

121.

Lynch K. The image of the city. Cambridge, Mass: MIT Press; 1960.

122.

Weber M. Basic concepts in sociology. Secaucus, N.J.: Citadel; 1962.

123.

Lefebvre H. The production of space. Oxford: Blackwell; 1991.

124.

Longley P. Geographic information science & systems [Internet]. Fourth edition. Hoboken, NJ: John Wiley & Sons; 2015. Available from:
<http://app.knovel.com/mlink/toc/id:kpGISSE001/geographic-information-science>

125.

McDowell L. Space, place and gender relations: Part I. Feminist empiricism and the geography of social relations. *Progress in Human Geography*. 1993 Jun;17(2):157-79.

126.

Enright T. The political topology of urban uprisings. *Urban Geography*. 2017 Apr 21;38(4):557-77.

127.

Engels, Frederick 1820-1895, Marx, Karl Heinrich 1818-1883. Karl Marx, Frederick Engels: Collected Works, vol. 35, Karl Marx: Capital, vol. 1 [Internet]. New York, NY: International Publishers; 1996. Available from:
http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=4933892860004761&institutionId=4761&customerId=4760

128.

Geyer NP. Counterurbanization in South Africa: Measuring migration significance. *Regional Science Policy & Practice*. 2018 Mar;10(1):3-14.

129.

Garreau J. *Edge city: life on the new frontier*. New York: Anchor Books; 1992.

130.

Brenner N, Schmid C. The 'Urban Age' in Question. *International Journal of Urban and Regional Research*. 2014 May;38(3):731-55.

131.

Robinson J. Cities in a World of Cities: The Comparative Gesture. *International Journal of Urban and Regional Research*. 2011 Jan;35(1):1-23.

132.

Robinson J. Comparative Urbanism: New Geographies and Cultures of Theorizing the Urban. *International Journal of Urban and Regional Research*. 2016 Jan;40(1):187-99.

133.

Harvey D. Cities or urbanization? *City*. 1996 Jan;1(1-2):38-61.

134.

Pooley CG, Turnbull J, Adams M. A mobile century?: changes in everyday mobility in Britain in the twentieth century. Aldershot: Ashgate; 2005.

135.

van Ham, M. Intergenerational transmission of neighbourhood poverty: an analysis of neighbourhood histories of individuals. *Transactions of the Institute of British Geographers* [Internet]. 2013; Available from:

https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=UCL_EPR_DS1558445&context=L&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=Local%20Search%20Engine&tab=local&query=any,contains,Intergenerational%20transmission%20of%20neighbourhood%20poverty:%20An%20analysis%20of%20individual%20neighbourhood%20histories&offset=0

136.

Guy L, Wen L. 1. Consumer Registers as Spatial Data Infrastructure and their Use in Migration and Residential Mobility Research [Internet]. Longley P, Cheshire J, Singleton AD, editors. Consumer data research. London: UCL Press; 2018. p. 14–27. Available from: <http://dx.doi.org/10.14324/111.9781787353886>

137.

Inclusive and Healthy Mobility: Understanding Trends in Concessionary Travel in the West Midlands [Internet]. Available from: <https://www.cdrc.ac.uk/research/healthymobility/>

138.

Kwan M. Gis methods in time-geographic research: geocomputation and geovisualization of human activity patterns. *Geografiska Annaler: Series B, Human Geography*. 2004 Dec;86(4):267–80.

139.

Longley PA, Adnan M. Geo-temporal Twitter demographics. *International Journal of Geographical Information Science*. 2016 Feb;30(2):369–89.

140.

Paul A L, Alexander S. The London Output Area Classification (LOAC) [Internet]. 2016. Available from: <http://www.opengeodemographics.com/#LOAC-section>

141.

DCLG (Department for Communities and Local Government). The English Indices of Deprivation 2015: Technical report [Internet]. 2015. Available from: https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/464485/English_Indices_of_Deprivation_2015_-_Technical-Report.pdf

142.

Charles Booth's London [Internet]. Available from: <https://booth.lse.ac.uk/>

143.

Booth C, Booth C, Macmillan & Co. Life and labour of the people in London. London: Macmillan and Co; 1892.

144.

Oka M, Wong DWS. Capturing the Two Dimensions of Residential Segregation at the Neighborhood Level for Health Research. *Frontiers in Public Health*. 2014 Aug 25;2.

145.

Massey, D. The dimensions of residential segregation. *Social Forces* [Internet]. 67:281–315. Available from: https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_proquest57682674&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,The%20Dimensions%20of%20Residential%20Segregation&sortby=rank

146.

Poulsen M, Johnston R, Forrest J. Using local statistics and neighbourhood classifications to portray ethnic residential segregation: a London example. *Environment and Planning B: Planning and Design*. 2011;38(4):636–58.

147.

Harris R, Johnston R. Measuring and modelling segregation – New concepts, new methods and new data. *Environment and Planning B: Urban Analytics and City Science*. 2018 Nov;45(6):999–1002.

148.

Lan T, Kandt J, Longley PA. The Changing Pattern of Ethnic Segregation in Great Britain.

149.

Kandt J. Social practice, plural lifestyles and health inequalities in the United Kingdom. *Sociology of Health & Illness*. 2018 Nov;40(8):1294–311.

150.

Kandt J, Chang SS, Yip P, Burdett R. The spatial pattern of premature mortality in Hong Kong: How does it relate to public housing? *Urban Studies*. 2017 Apr;54(5):1211–34.

151.

Auchincloss AH, Diez Roux AV. A New Tool for Epidemiology: The Usefulness of Dynamic-Agent Models in Understanding Place Effects on Health. *American Journal of Epidemiology*. 2008 May 13;168(1):1–8.

152.

Auchincloss AH, Garcia LMT. Brief introductory guide to agent-based modeling and an illustration from urban health research. *Cadernos de Saúde Pública*. 2015 Nov;31(suppl 1):65–78.

153.

Harland, K. Creating realistic synthetic populations at varying spatial scales: A comparative critique of population synthesis techniques. (2012) Creating realistic synthetic populations at varying spatial scales: A comparative critique of population synthesis techniques *Journal of Artificial Societies and Social Simulation* [Internet]. 2012; Available from: https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_whiter

ose76042&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Creating%20realistic%20synthetic%20populations%20at%20varying%20spatial%20scapes:%20a%20comparative%20critique%20of%20population%20synthesis%20techniques&sortby=rank&offset=0

154.

State of European Cities Report: Adding value to the European Urban Audit [Internet]. 2007. Available from:
https://ec.europa.eu/regional_policy/sources/docgener/studies/pdf/urban/stateofcities_2007.pdf

155.

Bryant CGA. Positivism in social theory and research. New York: St. Martin's Press; 1985.

156.

Ley D, Samuels MS. Humanistic geography. London: Croom Helm; 1978.

157.

Murdoch J. Post-structuralist geography: a guide to relational space [Internet]. London: SAGE; 2006. Available from:
http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=2953038770004761&institutionId=4761&customerId=4760

158.

Johnston RJ. Philosophy and human geography: an introduction to contemporary approaches. 2nd ed. London: Edward Arnold; 1986.

159.

Harvey D. Explanation in geography. London: Edward Arnold; 1969.

160.

Carlstein T, Parkes D, Thrift NJ. Timing space and spacing time: Vol.2: Human activity and time geography. London: Edward Arnold;

161.

Pacione M. Urban geography: a global perspective [Internet]. 3rd ed. London: Routledge; 2009. Available from: <https://doi.org/10.4324/9780203881927>

162.

Knox PL, Pinch S. Urban social geography: an introduction. 6th ed. Harlow: Prentice Hall; 2010.

163.

Paddison R. Handbook of urban studies. London: SAGE; 2001.

164.

Urban Geography [Internet]. Routledge; 2011. Available from: <https://www.taylorfrancis.com/books/9780203805336>

165.

Hall S, Burdett R, editors. The Sage handbook of the 21st century city [Internet]. 1st edition. Thousand Oaks, CA: SAGE Publications Inc; 2017. Available from: http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3011384930004761&institutionId=4761&customerId=4760

166.

Espino NA. Building the inclusive city: theory and practice for confronting urban segregation [Internet]. Vol. Routledge research in planning and urban design. London: Routledge, Taylor & Francis Group; 2015. Available from: <https://doi-org.libproxy.ucl.ac.uk/10.4324/9781315747491>

167.

Byrne DS. Complexity theory and the social sciences: an introduction. London: Routledge; 1998.

168.

Reardon, Sean. Measures of Spatial Segregation. *Sociological Methodology* [Internet]. 34:121–62. Available from: https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_proquest60506098&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Measures%20of%20spatial%20segregation&sortby=rank

169.

Agent-Based Modelling in Population Studies [Internet]. Springer; 2017. Available from: <https://link.springer.com/book/10.1007/978-3-319-32283-4#about>

170.

Hall P, Tewdwr-Jones M. Urban and regional planning. 5th ed. London: Routledge; 2011.

171.

Hall P, Pfeiffer U. Urban future 21: a global agenda for twenty-first century cities. London: Spon Press; 2000.