

# CASA0001: Urban Systems Theory

[View Online](#)

Agent-Based Modelling in Population Studies. (2017). Springer.  
<https://link.springer.com/book/10.1007/978-3-319-32283-4#about>

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

Alonso, W. (1964a). Location and land use: toward a general theory of land rent. Harvard University Press.

Alonso, W. (1964b). Location and land use: toward a general theory of land rent. Harvard University Press.

Anas, A., Alex Anas, Richard Arnott and Kenneth A. Small, R., & Alex Anas, Richard Arnott and Kenneth A. Small, A. A., Richard Arnott and Kenneth A. Small. (1998). Urban spatial structure. *Journal of Economic Literature*, 36(3), 1426–1464.  
<http://www.jstor.org/stable/2564805>

Angel, S., Parent, J., Civco, D. L., Blei, A., & Potere, D. (2011). The dimensions of global urban expansion: Estimates and projections for all countries, 2000–2050. *Progress in Planning*, 75(2), 53–107. <https://doi.org/10.1016/j.progress.2011.04.001>

Arcaute, E., Hatna, E., Ferguson, P., Youn, H., Johansson, A., & Batty, M. (2014). Constructing cities, deconstructing scaling laws. *Journal of The Royal Society Interface*, 12 (102), 20140745–20140745. <https://doi.org/10.1098/rsif.2014.0745>

Auchincloss, A. H., & Diez Roux, A. V. (2008). A New Tool for Epidemiology: The Usefulness of Dynamic-Agent Models in Understanding Place Effects on Health. *American Journal of Epidemiology*, 168(1), 1–8. <https://doi.org/10.1093/aje/kwn118>

Auchincloss, A. H., & Garcia, L. M. T. (2015). Brief introductory guide to agent-based modeling and an illustration from urban health research. *Cadernos de Saúde Pública*, 31 (suppl 1), 65–78. <https://doi.org/10.1590/0102-311X00051615>

Batty, M. (1997). Cellular Automata and Urban Form: A Primer. *Journal of the American Planning Association*, 63(2), 266–274. <https://doi.org/10.1080/01944369708975918>

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

Batty, M. (2008a). Generating cities from the bottom-up: Using complexity theory for effective design.

<http://www.complexcity.info/files/2011/07/batty-cluster-magazine-2008.pdf>

Batty, M. (2008b). The Size, Scale, and Shape of Cities. *Science*, 319(5864), 769–771. <https://doi.org/10.1126/science.1151419>

Batty, M. (2009). Cities as Complex Systems: Scaling, Interaction, Networks, Dynamics and Urban Morphologies. In R. A. Meyers (Ed.), *Encyclopedia of Complexity and Systems Science* (pp. 1041–1071). Springer New York. [https://doi.org/10.1007/978-0-387-30440-3\\_69](https://doi.org/10.1007/978-0-387-30440-3_69)

Batty, M. (2013). *The new science of cities*. MIT Press.

Batty, M., Axhausen, K. W., Giannotti, F., Pozdnoukhov, A., Bazzani, A., Wachowicz, M., Ouzounis, G., & Portugali, Y. (2012). Smart cities of the future. *The European Physical Journal Special Topics*, 214(1), 481–518. <https://doi.org/10.1140/epjst/e2012-01703-3>

Batty, M., & Longley, P. (1994). Fractal cities: a geometry of form and function. Academic Press. <http://discovery.ucl.ac.uk/1370661/>

BERRY, B. J. L. (1964). CITIES AS SYSTEMS WITHIN SYSTEMS OF CITIES. *Papers of the Regional Science Association*, 13(1), 147–163. <https://doi.org/10.1111/j.1435-5597.1964.tb01283.x>

Bettencourt, L. M. A. (2013). The Origins of Scaling in Cities. *Science*, 340(6139), 1438–1441. <https://doi.org/10.1126/science.1235823>

Bettencourt, L. M. A., Lobo, J., Helbing, D., Kuhnert, C., & West, G. B. (2007). Growth, innovation, scaling, and the pace of life in cities. *Proceedings of the National Academy of Sciences*, 104(17), 7301–7306. <https://doi.org/10.1073/pnas.0610172104>

Booth, C., Booth, C., & Macmillan & Co. (1892). *Life and labour of the people in London*. Macmillan and Co.

Bourdieu, P. (1998). Practical reason: on the theory of action. Polity Press.

Bourdieu, Pierre. (n.d.). What Makes a Social Class? On The Theoretical and Practical Existence Of Groups. *Berkeley Journal of Sociology*, 32, 1–17.

[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](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)

Bourne, L. S. (1996). Reinventing the suburbs: Old myths and new realities. *Progress in Planning*, 46(3), 163–184. [https://doi.org/10.1016/0305-9006\(96\)88868-4](https://doi.org/10.1016/0305-9006(96)88868-4)

Brenner, N. (2013). Theses on Urbanization. *Public Culture*, 25(1), 85–114. <https://doi.org/10.1215/08992363-1890477>

Brenner, N., & Schmid, C. (2014). The 'Urban Age' in Question. *International Journal of Urban and Regional Research*, 38(3), 731–755. <https://doi.org/10.1111/1468-2427.12115>

Brunner, E., & Marmot, M. (2005). Social organization, stress, and health. In M. Marmot & R. Wilkinson (Eds.), *Social Determinants of Health* (pp. 6–30). Oxford University Press. <https://doi.org/10.1093/acprof:oso/9780198565895.003.02>

Bryant, C. G. A. (1985). *Positivism in social theory and research*. St. Martin's Press.

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

Burrows, R., & Gane, N. (2006). Geodemographics, Software and Class. *Sociology*, 40(5), 793–812. <https://doi.org/10.1177/0038038506067507>

Byrne, D. S. (1998). *Complexity theory and the social sciences: an introduction*. Routledge.

Campbell, S. D. (2016). The Planner's Triangle Revisited: Sustainability and the Evolution of a Planning Ideal That Can't Stand Still. *Journal of the American Planning Association*, 82(4), 388–397. <https://doi.org/10.1080/01944363.2016.1214080>

Carlstein, T., Parkes, D., & Thrift, N. J. (n.d.-a). 9 A time-geographic simulation model of individual activity programmes. In *Timing space and spacing time: Vol.2: Human activity and time geography* (pp. 163–180). Edward Arnold.

Carlstein, T., Parkes, D., & Thrift, N. J. (n.d.-b). *Timing space and spacing time: Vol.2: Human activity and time geography*. Edward Arnold.

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

Castells, M. (2010). *The rise of the network society: Vol. v. 1* (2nd ed., with a new pref). Wiley-Blackwell.

[http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package\\_service\\_id=3177033340004761&institutionId=4761&customerId=4760](http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3177033340004761&institutionId=4761&customerId=4760)

Charles Booth's London. (n.d.). <https://booth.lse.ac.uk/>

Clauset, A., Shalizi, C. R., & Newman, M. E. J. (2009). Power-Law Distributions in Empirical Data. *SIAM Review*, 51(4), 661–703. <https://doi.org/10.1137/070710111>

Complexity Explorer: Santa Fe Institute. (n.d.). <http://www.complexityexplorer.org/>

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

Coulter, R., Ham, M. van, & Findlay, A. M. (2016a). Re-thinking residential mobility. *Progress in Human Geography*, 40(3), 352–374. <https://doi.org/10.1177/0309132515575417>

Coulter, R., Ham, M. van, & Findlay, A. M. (2016b). Re-thinking residential mobility. *Progress in Human Geography*, 40(3), 352–374. <https://doi.org/10.1177/0309132515575417>

Cristelli, M., Batty, M., & Pietronero, L. (2012). There is More than a Power Law in Zipf. *Scientific Reports*, 2(1). <https://doi.org/10.1038/srep00812>

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

DCLG (Department for Communities and Local Government). (2015). The English Indices of Deprivation 2015: Technical report.  
[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/464485/English\\_Indices\\_of\\_Deprivation\\_2015\\_-\\_Technical-Report.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/464485/English_Indices_of_Deprivation_2015_-_Technical-Report.pdf)

De Landa, M. (2006). A new philosophy of society: assemblage theory and social complexity. Continuum.

Domencich, T. A., & McFadden, D. (1975). Urban travel demand: a behavioral analysis (Vol. 93). North-Holland Publishing Co. [etc.]

Doreen Massey. (1985). 2 New Directions in Space. In D. Gregory & J. Urry (Eds.), *Social relations and spatial structures*. St. Martin's Press.

Eckhout, J. (2004). Gibrat's Law for (All) Cities. *American Economic Review*, 94(5), 1429–1451. <https://doi.org/10.1257/0002828043052303>

Engels, F., & Kiernan, V. G. (1987). The condition of the working class in England: Vol. Penguin classics. Penguin.

Engels, Frederick, 1820-1895, & Marx, Karl Heinrich, 1818-1883. (1996). Karl Marx, Frederick Engels: Collected Works, vol. 35, Karl Marx: Capital, vol. 1. International Publishers.  
[http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package\\_service\\_id=4933892860004761&institutionId=4761&customerId=4760](http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=4933892860004761&institutionId=4761&customerId=4760)

Enright, T. (2017). The political topology of urban uprisings. *Urban Geography*, 38(4), 557–577. <https://doi.org/10.1080/02723638.2016.1168568>

Espino, N. A. (2015a). Building the inclusive city: theory and practice for confronting urban segregation: Vol. Routledge research in planning and urban design. Routledge, Taylor & Francis Group. <https://doi-org.libproxy.ucl.ac.uk/10.4324/9781315747491>

Espino, N. A. (2015b). 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*. Routledge.  
<http://dx.doi.org/10.4324/9781315747491>

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

Florida, R. (2003). Cities and the Creative Class. *City and Community*, 2(1), 3–19.  
<https://doi.org/10.1111/1540-6040.00034>

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

Fotheringham, A. S., Crespo, R., & Yao, J. (2015). Exploring, modelling and predicting spatiotemporal variations in house prices. *The Annals of Regional Science*, 54(2), 417–436. <https://doi.org/10.1007/s00168-015-0660-6>

Fujita, M., & Thisse, J. F. (2013). *Economics of Agglomeration: Cities, Industrial Location, and Globalization* (2nd ed). Cambridge University Press. <http://dx.doi.org/10.1017/CBO9781139051552>

Gabaix, X. (1999a). Zipf's Law and the Growth of Cities. *American Economic Review*, 89(2), 129–132. <https://doi.org/10.1257/aer.89.2.129>

Gabaix, X. (1999b). Zipf's Law for Cities: An Explanation. *The Quarterly Journal of Economics*, 114(3), 739–767. <https://doi.org/10.1162/003355399556133>

Garreau, J. (1992). *Edge city: life on the new frontier*. Anchor Books.

Geyer, H., & Kontuly, T. (1993). A Theoretical Foundation for the Concept of Differential Urbanization. *International Regional Science Review*, 15(2), 157–177. <https://doi.org/10.1177/016001769301500202>

Geyer, N. P. (2018). Counterurbanization in South Africa: Measuring migration significance. *Regional Science Policy & Practice*, 10(1), 3–14. <https://doi.org/10.1111/rsp3.12105>

Giddens, A. (2013). *The Constitution of Society: Outline of the Theory of Structuration* [Electronic resource]. Wiley. [http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package\\_service\\_id=3181989580004761&institutionId=4761&customerId=4760](http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3181989580004761&institutionId=4761&customerId=4760)

Glaeser, E. L. (2011). *Triumph of the city*. Macmillan.

Graham, S., & Marvin, S. (2001). *Splintering urbanism: networked infrastructures, technological mobilities and the urban condition*. Routledge. <https://doi.org/10.4324/9780203452202>

Guy, L., & Wen, L. (2018). 1. Consumer Registers as Spatial Data Infrastructure and their Use in Migration and Residential Mobility Research. In P. Longley, J. Cheshire, & A. D. Singleton (Eds.), *Consumer data research* (pp. 14–27). UCL Press. <http://dx.doi.org/10.14324/111.9781787353886>

Hägerstraand, T. (2005). WHAT ABOUT PEOPLE IN REGIONAL SCIENCE? *Papers in Regional Science*, 24(1), 7–24. <https://doi.org/10.1111/j.1435-5597.1970.tb01464.x>

Hall, P., & Pfeiffer, U. (2000). *Urban future 21: a global agenda for twenty-first century cities*. Spon Press.

Hall, P., & Tewdwr-Jones, M. (2011). *Urban and regional planning* (5th ed). Routledge.

Hall, S., & Burdett, R. (Eds.). (2017). *The Sage handbook of the 21st century city* (1st

edition). SAGE Publications Inc.

[http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package\\_service\\_id=3011384930004761&institutionId=4761&customerId=4760](http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3011384930004761&institutionId=4761&customerId=4760)

Ham, M. van. (2012). Neighbourhood effects research: new perspectives [Electronic resource]. Springer. <https://doi.org/10.1007/978-94-007-2309-2>

Hamnett, C. (1994). Social Polarisation in Global Cities: Theory and Evidence. *Urban Studies*, 31(3), 401–424. <https://doi.org/10.1080/00420989420080401>

Harland, K. (2012). 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*.

[https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN\\_whiterose76042&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%20scales:%20a%20comparative%20critique%20of%20population%20synthesis%20techniques&sortby=rank&offset=0](https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_whiterose76042&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%20scales:%20a%20comparative%20critique%20of%20population%20synthesis%20techniques&sortby=rank&offset=0)

Harris, R., & Johnston, R. (2018). Measuring and modelling segregation – New concepts, new methods and new data. *Environment and Planning B: Urban Analytics and City Science*, 45(6), 999–1002. <https://doi.org/10.1177/2399808318808889>

Harris, R., Sleight, P., & Webber, R. (2005). Geodemographics, GIS, and neighbourhood targeting. Wiley.

<https://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=nlebk&AN=141683&site=ehost-live&scope=site&custid=s8454451>

Harvey, D. (n.d.). FROM MANAGERIALISM TO ENTREPRENEURIALISM - THE TRANSFORMATION IN URBAN GOVERNANCE IN LATE CAPITALISM. *Geografiska Annaler Series B-Human Geography*, 71(1), 3–17.

[https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN\\_wosA1989CG50300001&context=PC&vid=UCL\\_VU2&lang=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](https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_wosA1989CG50300001&context=PC&vid=UCL_VU2&lang=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)

Harvey, D. (1969). Explanation in geography. Edward Arnold.

Harvey, D. (1996). Cities or urbanization? *City*, 1(1–2), 38–61. <https://doi.org/10.1080/13604819608900022>

Harvey, D. & American Council of Learned Societies. (2013). Rebel cities: from the right to the city to the urban revolution (Paperback ed). Verso.

<http://hdl.handle.net/2027/heb.32147>

Harvey, D., Harvey, D., & Harvey, D. (1989). The urban experience. Johns Hopkins University Press.

Hidden Cities, Unmasking and Overcoming Health Inequities in Urban Settings. (2010).

World Health Organization & UN-Habitat.

[http://apps.who.int/iris/bitstream/handle/10665/44439/9789241548038\\_eng.pdf?sequence=1&isAllowed=y](http://apps.who.int/iris/bitstream/handle/10665/44439/9789241548038_eng.pdf?sequence=1&isAllowed=y)

Improving urban health equity through action on the social and environmental determinants of health. (2010). Global research network on urban health equity. <http://sustainablecities.org.nz/wp-content/uploads/GRNUHEFinalReportJuly20101.pdf>

Inclusive and Healthy Mobility: Understanding Trends in Concessionary Travel in the West Midlands. (n.d.). <https://www.cdrc.ac.uk/research/healthymobility/>

Jabareen, Y. R. (2006). Sustainable Urban Forms. *Journal of Planning Education and Research*, 26(1), 38–52. <https://doi.org/10.1177/0739456X05285119>

Jacobs, J. (1972a). The death and life of great American cities: Vol. Pelican books. Penguin.

Jacobs, J. (1972b). The economy of cities: Vol. Pelican books. Penguin Books.

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

Jiang, Bin Prof & Xiaobai Yao. (2010). Geospatial analysis and modelling of urban structure and dynamics. Springer.

Johnston, R. J. (1986). Philosophy and human geography: an introduction to contemporary approaches (2nd ed). Edward Arnold.

Kandt, J. (2018). Social practice, plural lifestyles and health inequalities in the United Kingdom. *Sociology of Health & Illness*, 40(8), 1294–1311. <https://doi.org/10.1111/1467-9566.12780>

Kandt, J., Chang, S.-S., Yip, P., & Burdett, R. (2017). The spatial pattern of premature mortality in Hong Kong: How does it relate to public housing? *Urban Studies*, 54(5), 1211–1234. <https://doi.org/10.1177/0042098015620341>

Kasarda, J. D., & Crenshaw, E. M. (1991). Third World Urbanization: Dimensions, Theories, and Determinants. *Annual Review of Sociology*, 17(1), 467–501. <https://doi.org/10.1146/annurev.so.17.080191.002343>

Kenworthy, J. R. (2006). The eco-city: ten key transport and planning dimensions for sustainable city development. *Environment and Urbanization*, 18(1), 67–85. <https://doi.org/10.1177/0956247806063947>

King, L. J. (1984). Central place theory: Vol. v. 1. Sage Publications.

Knox, P. L., & Pinch, S. (2010). Urban social geography: an introduction (6th ed). Prentice Hall.

Kontuly, T., & Geyer, H. S. (2003). Lessons Learned from Testing the Differential Urbanisation Model. *Tijdschrift Voor Economische En Sociale Geografie*, 94(1), 124–128. <https://doi.org/10.1111/1467-9663.00242>

Krieger, N. (2005). Embodiment: a conceptual glossary for epidemiology. *Journal of Epidemiology & Community Health*, 59(5), 350–355.  
<https://doi.org/10.1136/jech.2004.024562>

Kwan, M. (2004). Gis methods in time-geographic research: geocomputation and geovisualization of human activity patterns. *Geografiska Annaler: Series B, Human Geography*, 86(4), 267–280. <https://doi.org/10.1111/j.0435-3684.2004.00167.x>

Lambooy, J. G. (1998). Economies of agglomeration and spatial development: Cities in the era of the knowledge economy. University of Utrecht.  
<http://econ.geo.uu.nl/lambooy/lambooy.html>

Lan, T., Kandt, J., & Longley, P. A. (n.d.). The Changing Pattern of Ethnic Segregation in Great Britain.

Lefebvre, H. (1991). *The production of space*. Blackwell.

Leitão, J. C., Miotto, J. M., Gerlach, M., & Altmann, E. G. (2016). Is this scaling nonlinear? Royal Society Open Science, 3(7). <https://doi.org/10.1098/rsos.150649>

Ley, D., & Samuels, M. S. (1978). *Humanistic geography*. Croom Helm.

Longley, P. (2015). *Geographic information science & systems* (Fourth edition). John Wiley & Sons. <http://app.knovel.com/hotlink/toc/id:kpGISSE001/geographic-information-science>  
Longley, P. A., & Adnan, M. (2016). Geo-temporal Twitter demographics. *International Journal of Geographical Information Science*, 30(2), 369–389.  
<https://doi.org/10.1080/13658816.2015.1089441>

Longley, P., Batty, M., & University College, London. Centre for Advanced Spatial Analysis. (2003). *Advanced spatial analysis: the CASA book of GIS*. ESRI Press.

Lynch, K. (1960). *The image of the city*. MIT Press.

Maguire, D. J., Batty, M., & Goodchild, M. F. (2005). *GIS, spatial analysis, and modeling*. ESRI Press.

Mandelbrot, B. (1967). How Long Is the Coast of Britain? Statistical Self-Similarity and Fractional Dimension. *Science*, 156(3775), 636–638.  
<https://doi.org/10.1126/science.156.3775.636>

Massey, D. (n.d.). The dimensions of residential segregation. *Social Forces*, 67, 281–315.  
[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](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)

Massey, D. B. (1984). *Spatial divisions of labour: social structures and the geography of production*: Vol. Critical human geography. Macmillan.

McDowell, L. (1993). Space, place and gender relations: Part I. Feminist empiricism and the geography of social relations. *Progress in Human Geography*, 17(2), 157–179.  
<https://doi.org/10.1177/030913259301700202>

McFarlane, C. (2011). The City as Assemblage: Dwelling and Urban Space. *Environment and Planning D: Society and Space*, 29(4), 649–671. <https://doi.org/10.1068/d4710>

McKenzie, R. D. (1924). The Ecological Approach to the Study of the Human Community. *American Journal of Sociology*, 30(3), 287–301. <https://doi.org/10.1086/213698>

Michael Batty. (n.d.). Mike Batty's Lectures on Models, Complexity, and Smart Cities at various places. <http://www.spatialcomplexity.info/>

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

Mirowski, P. (1989). More Heat than Light: Economics as Social Physics, Physics as Nature's Economics: Vol. Historical Perspectives on Modern Economics. Cambridge University Press. <http://dx.doi.org/10.1017/CBO9780511559990>

Murdoch, J. (2006). Post-structuralist geography: a guide to relational space. SAGE. [http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package\\_service\\_id=2953038770004761&institutionId=4761&customerId=4760](http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=2953038770004761&institutionId=4761&customerId=4760)

Newman, M. E. J. (2005). Power laws, Pareto distributions and Zipf's law. *Contemporary Physics*, 46(5), 323–351. <https://doi.org/10.1080/00107510500052444>

Newman, M. E. J. (2011). Resource Letter CS-1: Complex Systems. *American Journal of Physics*, 79(8), 800–810. <https://doi.org/10.1119/1.3590372>

Oka, M., & Wong, D. W. S. (2014). Capturing the Two Dimensions of Residential Segregation at the Neighborhood Level for Health Research. *Frontiers in Public Health*, 2. <https://doi.org/10.3389/fpubh.2014.00118>

Oppenheim, N. (1995). Urban travel demand modeling: from individual choices to general equilibrium. Wiley.

Pacione, M. (2009). *Urban geography: a global perspective* (3rd ed). Routledge. <https://doi.org/10.4324/9780203881927>

Paddison, R. (2001). *Handbook of urban studies*. SAGE.

Park, R. E. (1936). Human Ecology. *American Journal of Sociology*, 42(1), 1–15. <https://doi.org/10.1086/217327>

Parker, S., Uprichard, E., & Burrows, R. (2007). Class Places and Place Classes: Geodemographics and the spatialization of class. *Information, Communication & Society*, 10(6), 902–921. <https://doi.org/10.1080/13691180701751122>

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

Pisarenko, V. F., & Sornette, D. (2012). Robust statistical tests of Dragon-Kings beyond power law distributions. *The European Physical Journal Special Topics*, 205(1), 95–115. <https://doi.org/10.1140/epjst/e2012-01564-8>

Pooley, C. G., Turnbull, J., & Adams, M. (2005). A mobile century?: changes in everyday mobility in Britain in the twentieth century. Ashgate.

Poulsen, M., Johnston, R., & Forrest, J. (2011). Using local statistics and neighbourhood classifications to portray ethnic residential segregation: a London example. *Environment and Planning B: Planning and Design*, 38(4), 636–658. <https://doi.org/10.1068/b36094>

Pratt, A. C. (2011). The cultural contradictions of the creative city. *City, Culture and Society*, 2(3), 123–130. <https://doi.org/10.1016/j.ccs.2011.08.002>

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

Reardon, Sean. (n.d.). Measures of Spatial Segregation. *Sociological Methodology*, 34, 121–162.  
[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](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)

Rees, P., Bell, M., Kupiszewski, M., Kupiszewska, D., Ueffing, P., Bernard, A., Charles-Edwards, E., & Stillwell, J. (2017). The Impact of Internal Migration on Population Redistribution: an International Comparison. *Population, Space and Place*, 23(6). <https://doi.org/10.1002/psp.2036>

Rees, P. H. (1969). The Factorial Ecology of Calcutta. *American Journal of Sociology*, 74(5), 445–491. <https://doi.org/10.1086/224681>

Relph, E. C. (1976). Place and placelessness (Vol. 1). Pion.

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

Robinson, J. (2011). Cities in a World of Cities: The Comparative Gesture. *International Journal of Urban and Regional Research*, 35(1), 1–23. <https://doi.org/10.1111/j.1468-2427.2010.00982.x>

Robinson, J. (2016). Comparative Urbanism: New Geographies and Cultures of Theorizing the Urban. *International Journal of Urban and Regional Research*, 40(1), 187–199. <https://doi.org/10.1111/1468-2427.12273>

Rohilla Shalizi, C. (2011). Scaling and Hierarchy in Urban Economies. <https://arxiv.org/abs/1102.4101>

Sassen, S. (1991). The global city: New York, London, Tokyo (2nd ed) [Electronic resource]. Princeton University Press.

[http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package\\_service\\_id=3265494360004761&institutionId=4761&customerId=4760](http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3265494360004761&institutionId=4761&customerId=4760)

Sassen, S. (2001). *The global city*: New York, London, Tokyo (2nd ed). Princeton UP.

Savage, M., Bagnall, G., & Longhurst, B. (2005). Globalization and belonging: Vol. Theory, culture&society. SAGE.

Schelling, T. C. (1971). Dynamic models of segregation. *The Journal of Mathematical Sociology*, 1(2), 143–186. <https://doi.org/10.1080/0022250X.1971.9989794>

Sheller, M., & Urry, J. (2006). The New Mobilities Paradigm. *Environment and Planning A*, 38(2), 207–226. <https://doi.org/10.1068/a37268>

Sheppard, E. (2015). Thinking Geographically: Globalizing Capitalism and Beyond. *Annals of the Association of American Geographers*, 105(6), 1113–1134.  
<https://doi.org/10.1080/00045608.2015.1064513>

Simmel, G. (1971). The metropolis and mental life.

SOJA, E. W. (1980). THE SOCIO-SPATIAL DIALECTIC. *Annals of the Association of American Geographers*, 70(2), 207–225. <https://doi.org/10.1111/j.1467-8306.1980.tb01308.x>

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

State of European Cities Report: Adding value to the European Urban Audit. (2007).  
[https://ec.europa.eu/regional\\_policy/sources/docgener/studies/pdf/urban/stateofcities\\_2007.pdf](https://ec.europa.eu/regional_policy/sources/docgener/studies/pdf/urban/stateofcities_2007.pdf)

Steadman, P. (n.d.). Von Thunen Model.  
<http://www.complexcity.info/media/software/von-thunens-model/>

Stumpf, M. P. H., & Porter, M. A. (2012). Critical Truths About Power Laws. *Science*, 335 (6069), 665–666. <https://doi.org/10.1126/science.1216142>

T, H. (n.d.). 7 Survival and Arena. In *Timing space and spacing time: Vol.2: Human activity and time geography* (pp. 122–145). Edward Arnold.

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

Tuan, Y. (1977). Space and place: the perspective of experience. University of Minnesota Press.

UN Habitat. (2017). The New Urban Agenda - Habitat III.  
<http://habitat3.org/the-new-urban-agenda>

United Nations, Department of Economic and Social Affairs. (2018). World Urbanization

Prospects: The 2018 Revision, Highlights. United Nations. <https://esa.un.org/unpd/wup/>

United Nations Sustainable Development. (1992). Agenda 21.  
<https://sustainabledevelopment.un.org/content/documents/Agenda21.pdf>

Urban Geography. (2011). Routledge. <https://doi.org/10.4324/9780203805336>

Urry, J. (2007). Mobilities. Polity.

Urry, J. (2012). Social networks, mobile lives and social inequalities. *Journal of Transport Geography*, 21, 24–30. <https://doi.org/10.1016/j.jtrangeo.2011.10.003>

van Ham, M. (2013). Intergenerational transmission of neighbourhood poverty: an analysis of neighbourhood histories of individuals. *Transactions of the Institute of British Geographers*.

[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](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)

Ward, K. (2011). Entrepreneurial Urbanism, Policy Tourism, and the Making Mobile of Policies. In G. Bridge & S. Watson (Eds.), *The New Blackwell Companion to the City* (pp. 726–737). Wiley-Blackwell. <https://doi.org/10.1002/9781444395105.ch63>

Weaver, W. (1948). Science and Complexity. *American Scientist*, 36(4), 536–544.  
<http://www.jstor.org/stable/27826254>

Weber, M. (1962). Basic concepts in sociology. Citadel.

West, G. B. (1997). A General Model for the Origin of Allometric Scaling Laws in Biology. *Science*, 276(5309), 122–126. <https://doi.org/10.1126/science.276.5309.122>

Wilson, W. J. (1987). The truly disadvantaged: the inner city, the underclass, and public policy. University of Chicago Press.

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

Zia, R. K. P., Redish, E. F., & McKay, S. R. (2009). Making sense of the Legendre transform. *American Journal of Physics*, 77(7), 614–622. <https://doi.org/10.1119/1.3119512>