

GEOG2025: Geographic Information Science and Geodemographics

[View Online](#)

1.

Longley, P A, Goodchild M F, Maguire D J, Rhind D W: Geographic Information Systems & Science. John Wiley & Sons, Hoboken, N.J. (2011).

2.

Longley, P A, Goodchild M F, Maguire D J, Rhind D W (eds): Geographical Information Systems: Principles, Techniques, Management, and Applications. John Wiley & Sons, Hoboken, N.J. (2005).

3.

Longley, P A, Goodchild M F, Maguire D J, Rhind D W: Geographic Information Systems & Science. John Wiley & Sons, Hoboken, N.J. (2011).

4.

Goodchild, M.F.: Geographical information science. International journal of geographical information systems. 6, 31-45 (1992). <https://doi.org/10.1080/02693799208901893>.

5.

Goodchild, M.F.: Twenty years of progress: GIScience in 2010. Journal of Spatial Information Science. (2010). <https://doi.org/10.5311/JOSIS.2010.1.2>.

6.

Longley, P A, Goodchild M F, Maguire D J, Rhind D W (eds): Geographical Information Systems: Principles, Techniques, Management, and Applications. John Wiley & Sons, Hoboken, N.J. (2005).

7.

Longley, P A, Goodchild M F, Maguire D J, Rhind D W: Geographic Information Systems & Science. John Wiley & Sons, Hoboken, N.J. (2011).

8.

Boyle, P., Dorling, D.: Guest editorial: the 2001 UK census: remarkable resource or bygone legacy of the 'pencil and paper era'? *Area*. 36, 101–110 (2004).
<https://doi.org/10.1111/j.0004-0894.2004.00207.x>.

9.

Burrows, R.: Geodemographics and the construction of differentiated neighbourhoods. In: *Community cohesion in crisis: new dimensions of diversity and difference*. pp. 219–237. Policy, Bristol (2008).

10.

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

11.

Martin, D.J.: Editorial: Census present and future. *Journal of the Royal Statistical Society: Series A (Statistics in Society)*. 170, 263–266 (2007).
<https://doi.org/10.1111/j.1467-985X.2007.00470.x>.

12.

Martin, D.: Last of the censuses? The future of small area population data. *Transactions of the Institute of British Geographers*. 31, 6–18 (2006).
<https://doi.org/10.1111/j.1475-5661.2006.00189.x>.

13.

Martin, D.: Geography for the 2001 Census in England and Wales. *Population Trends*. 108,.

14.

Martin, D., Nolan, A., Tranmer, M.: The application of zone-design methodology in the 2001 UK Census. *Environment and Planning A*. 33, 1949–1962 (2001).
<https://doi.org/10.1068/a3497>.

15.

Savage, M., Burrows, R.: The coming crisis of empirical sociology. *Sociology*. 41, 885–899 (2007). <https://doi.org/10.1177/0038038507080443>.

16.

Spielman, S.E., Thill, J.-C.: Social area analysis, data mining, and GIS. *Computers, Environment and Urban Systems*. 32, 110–122 (2008).
<https://doi.org/10.1016/j.compenvurbsys.2007.11.004>.

17.

Webber, R.: The metropolitan habitus: its manifestations, locations, and consumption profiles. *Environment and Planning A*. 39, 182–207 (2007). <https://doi.org/10.1068/a38478>.

18.

Vickers, D., Rees, P.: Creating the UK National Statistics 2001 Output Area Classification. *Journal of the Royal Statistical Society: Series A (Statistics in Society)*. 170, 379–403 (2007). <https://doi.org/10.1111/j.1467-985X.2007.00466.x>.

19.

Webber, R.: Response to 'The coming crisis of empirical sociology'. An outline of the research potential of administrative and transactional data. *Sociology*. 43, 169–178 (2009).
<https://doi.org/10.1177/0038038508099104>.

20.

Longley, P A, Goodchild M F, Maguire D J, Rhind D W: Geographic Information Systems & Science. John Wiley & Sons, Hoboken, N.J. (2011).

21.

Ashby, D.I., Longley, P.A.: Geocomputation, geodemographics and resource allocation for local policing. Transactions in GIS. 9, 53–72 (2005).
<https://doi.org/10.1111/j.1467-9671.2005.00205.x>.

22.

Anderson, T.K.: Using geodemographics to measure and explain social and environment differences in road traffic accident risk. Environment and Planning A. 42, 2186–2200 (2010). <https://doi.org/10.1068/a43157>.

23.

Baiocchi, G., Minx, J., Hubacek, K.: The impact of social factors and consumer behavior on carbon dioxide emissions in the United Kingdom. Journal of Industrial Ecology. 14, 50–72 (2010). <https://doi.org/10.1111/j.1530-9290.2009.00216.x>.

24.

Batey, P., Brown, P.: The spatial targeting of urban policy initiatives: a geodemographic assessment tool. Environment and Planning A. 39, 2774–2793 (2007).
<https://doi.org/10.1068/a38519>.

25.

Batey, P., Brown, P., Corver, M.: Participation in higher education: a geodemographic perspective on the potential for further expansion in student numbers. Journal of Geographical Systems. 1, 277–303 (1999). <https://doi.org/10.1007/s101090050015>.

26.

Bone, A., Ncube, F., Nichols, T., Noah, N.D.: Body piercing in England: a survey of piercing at sites other than earlobe. *BMJ*. 336, 1426–1428 (2008).
<https://doi.org/10.1136/bmj.39580.497176.25>.

27.

Butler, T., Hamnett, C., Ramsden, M., Webber, R.: The best, the worst and the average: secondary school choice and education performance in East London. *Journal of Education Policy*. 22, 7–29 (2007). <https://doi.org/10.1080/02680930601065718>.

28.

Clarke, Graham, Longley, Paul: *GIS for Business and Service Planning*. GeoInformation International, Cambridge (1995).

29.

Brunsdon, C., Longley, P., Singleton, A., Ashby, D.: Predicting participation in higher education: a comparative evaluation of the performance of geodemographic classifications. *Journal of the Royal Statistical Society: Series A (Statistics in Society)*. 174, 17–30 (2011). <https://doi.org/10.1111/j.1467-985X.2010.00641.x>.

30.

Goodman, A., Wilkinson, P., Stafford, M., Tonne, C.: Characterising socio-economic inequalities in exposure to air pollution: a comparison of socio-economic markers and scales of measurement. *Health & Place*. 17, 767–774 (2011).
<https://doi.org/10.1016/j.healthplace.2011.02.002>.

31.

Harris, R., Johnston, R.: Primary schools, markets and choice: studying polarization and the core catchment areas of schools. *Applied Spatial Analysis and Policy*. 1, 59–84 (2008).
<https://doi.org/10.1007/s12061-008-9002-8>.

32.

Harris, R., Johnston, R., Burgess, S.: Neighborhoods, ethnicity and school choice: developing a statistical framework for geodemographic analysis. *Population Research and*

Policy Review. 26, 553–579 (2007). <https://doi.org/10.1007/s11113-007-9042-9>.

33.

Hayden, C., Williamson, T., Webber, R.: Schools, Pupil Behaviour and Young Offenders: Using Postcode Classification to Target Behaviour Support and Crime Prevention Programmes. *British Journal of Criminology*. 47, 293–310 (2006). <https://doi.org/10.1093/bjc/azl053>.

34.

Linking UK public geospatial data to build 24/7 space-time specific population surface models - ePrints Soton.

35.

Longley, P.A., Webber, R., Li, C.: UCL Discovery - The UK geography of the E-Society: a national classification.

36.

Moss, H.B., Kirby, S.D., Donodeo, F.: Characterizing and Reaching High-Risk Drinkers Using Audience Segmentation. *Alcoholism: Clinical and Experimental Research*. 33, 1336–1345 (2009). <https://doi.org/10.1111/j.1530-0277.2009.00963.x>.

37.

Powell, J., Tapp, A., Orme, J., Farr, M.: Primary care professionals and social marketing of health in neighbourhoods: a case study approach to identify, target and communicate with 'at risk' populations. *Primary Health Care Research and Development*. 8, (2007). <https://doi.org/10.1017/S1463423607000047>.

38.

Shah, S.M., Carey, I.M., DeWilde, S., Richards, N., Cook, D.G.: Trends and inequities in beta-blocker prescribing for heart failure. *British Journal of General Practice*. 58, 862–869 (2008). <https://doi.org/10.3399/bjgp08X376195>.

39.

Shelton, N.J., Birkin, M.H., Dorling, D.: Where not to live: a geo-demographic classification of mortality for England and Wales, 1981–2000. *Health & Place*. 12, 557–569 (2006). <https://doi.org/10.1016/j.healthplace.2005.08.012>.

40.

Singleton, A.D.: The geodemographics of educational progression and their implications for widening participation in higher education. *Environment and Planning A*. 42, 2560–2580 (2010). <https://doi.org/10.1068/a42394>.

41.

Webber, R., Butler, T.: Classifying pupils by where they live: how well does this predict variations in their GCSE results? *Urban Studies*. 44, 1229–1254 (2007). <https://doi.org/10.1080/00420980701302353>.

42.

Google Maps Mania.

43.

Longley, Paul, Longley, Paul: *Geographic Information Systems & Science*. John Wiley & Sons, Hoboken, N.J. (2011).

44.

Goodchild, M.F.: Citizens as sensors: the world of volunteered geography. *GeoJournal*. 69, 211–221 (2007). <https://doi.org/10.1007/s10708-007-9111-y>.

45.

Haklay, M.: How good is volunteered geographical information? A comparative study of OpenStreetMap and Ordnance Survey datasets. *Environment and Planning B: Planning and Design*. 37, 682–703 (2010). <https://doi.org/10.1068/b35097>.

46.

Longley, P A, Goodchild M F, Maguire D J, Rhind D W (eds): Geographical Information Systems: Principles, Techniques, Management, and Applications. John Wiley & Sons, Hoboken, N.J. (2005).

47.

Wood, Denis, Krygier, John, Fels, John: Rethinking the Power of Maps. Guilford Press, London (2010).

48.

Geospatial Analysis - Web edition.

49.

Longley, P A, Goodchild M F, Maguire D J, Rhind D W: Geographic Information Systems & Science. John Wiley & Sons, Hoboken, N.J. (2011).

50.

Dorling, Daniel, Thomas, Bethan: Bankrupt Britain: an Atlas of Social Change. Policy, Bristol (2011).

51.

Kraak, M.-J., Ormeling, F.: Cartography: Visualization of Geospatial Data. Prentice Hall, Harlow (2010).

52.

Krygier, John, Wood, Denis: Making Maps: a Visual Guide to Map Design for GIS. Guilford, London (2011).

53.

Slingsby, A., Dykes, J., Wood, J.: Exploring uncertainty in geodemographics with interactive graphics. *IEEE Transactions on Visualization and Computer Graphics*. 17, 2545–2554 (2011). <https://doi.org/10.1109/TVCG.2011.197>.

54.

Introduction_to_Neogeography.pdf (application/pdf Object).

55.

Colorbrewer: Color Advice for Maps.

56.

Spatial Analysis.

57.

London Profiler.

58.

Longley, P A, Goodchild M F, Maguire D J, Rhind D W: *Geographic Information Systems & Science*. John Wiley & Sons, Hoboken, N.J. (2011).

59.

Baker, K.: Using geodemographics in market research surveys. *The Statistician*. 40, (1991). <https://doi.org/10.2307/2348492>.

60.

Batty, M.: The size, scale, and shape of cities. *Science*. 319, 769–771 (2008). <https://doi.org/10.1126/science.1151419>.

61.

Batty, Michael, Longley, Paul: Fractal Cities: a Geometry of Form and Function. Academic Press, London (1994).

62.

Goodchild, Michael F.: Spatial Autocorrelation. Geo Books, Norwich.

63.

Goodchild, M.F.: Models of scale and scales of modelling. In: Modelling scale in geographical information science.

64.

Longley, P A, Goodchild M F, Maguire D J, Rhind D W (eds): Geographical Information Systems: Principles, Techniques, Management, and Applications. John Wiley & Sons, Hoboken, N.J. (2005).

65.

home | data.gov.uk.

66.

Welcome to the London Datastore | London DataStore.

67.

Longley, P A, Goodchild M F, Maguire D J, Rhind D W: Geographic Information Systems & Science. John Wiley & Sons, Hoboken, N.J. (2011).

68.

Harris, R.: On the diversity of diversity; is there still a place for small area classification? Area. 33, 329–336 (2001). <https://doi.org/10.1111/1475-4762.00036>.

69.

Longley, P A, Goodchild M F, Maguire D J, Rhind D W (eds): Geographical Information Systems: Principles, Techniques, Management, and Applications. John Wiley & Sons, Hoboken, N.J. (2005).

70.

Martin, D.: Extending the automated zoning procedure to reconcile incompatible zoning systems. *International Journal of Geographical Information Science*. 17, 181–196 (2003). <https://doi.org/10.1080/713811750>.

71.

Shuttleworth, I.G., Lloyd, C.D., Martin, D.J.: Exploring the implications of changing census output geographies for the measurement of residential segregation: the example of Northern Ireland 1991-2001. *Journal of the Royal Statistical Society: Series A (Statistics in Society)*. 174, 1–16 (2011). <https://doi.org/10.1111/j.1467-985X.2010.00647.x>.

72.

Thurstain-Goodwin, M.: Data surfaces for a new policy geography. In: *Advanced spatial analysis: the CASA book of GIS*. ESRI Press, Redlands, Calif (2003).

73.

Voas, D., Williamson, P.: The diversity of diversity: a critique of geodemographic classification. *Area*. 33, 63–76 (2001). <https://doi.org/10.1111/1475-4762.00009>.

74.

Geospatial Analysis - Web edition.