

Sociological Abstracts Literature Search Categorized

Records from Sociological Abstracts (CSA) – 1990-2005

Keywords used: Geographic Information Systems, GIS, Spatial Analysis

Literature search conducted 10/26/05 by Tara Murray, PRI Information Core

Literature search results categorized by Becki Curtis and Stephen Matthews

Health

Aging

Hsieh, C.-Y., & Chou, K.-P. (2002). A Spatial Autocorrelation Analysis of Aging Distribution and Transition. *Journal of Population Studies*, 25, 91-119.

Alcohol

LaVeist, T. A., & Wallace, J. M., Jr. (2000). Health Risk and Inequitable Distribution of Liquor Stores in African American Neighborhood. *Social Science and Medicine*, 51(4), 613-617.

Disease

Kistemann, T., Munzinger, A., & Dangendorf, F. (2002). Spatial Patterns of Tuberculosis Incidence in Cologne (Germany). *Social Science and Medicine*, 55(1), 7-19.

Emergency Management

Dash, N. (1997). The Use of Geographic Information Systems in Disaster Research. *International Journal of Mass Emergencies and Disasters*, 15(1), 135-146.

de Silva, F. N. (2002). Feedback from the Field. *International Journal of Mass Emergencies and Disasters*, 20(1), 51-68.

Health

MacKian, S. (2000). Contours of Coping: Mapping the Subject World of Long-Term Illness. *Health & Place*, 6(2), 95-104.

Shaw, M., Dorling, D., & Brimblecombe, N. (1998). Changing the Map: Health in Britain 1951-91. In M. Bartley, D. Blane & G. D. Smith (Eds.), *The Sociology of Health Inequalities* (pp. 135-150). Oxford, UK: Blackwell.

Wasserman, I. M., & Stack, S. (1995). Geographic Spatial Autocorrelation and United States Suicide Patterns. *Archives of Suicide Research, 1*(2), 121-129.

Health Care Service

Poland, B., Lehoux, P., Holmes, D., & Andrews, G. (2005). How Place Matters: Unpacking Technology and Power in Health and Social Care. *Health & Social Care in the Community, 13*(2), 170-180.

Mortality

Lorant, V., Thomas, I., Deliege, D., & Tonglet, R. (2001). Deprivation and Mortality: The Implications of Spatial Autocorrelation for Health Resources Allocation. *Social Science and Medicine, 53*(12), 1711-1719.

Martin Moreno, J., & Marquez Garcia, J. A. (2001). Small Area Spatial Analysis of Mortality in Madrid. *Observatorio Medioambiental, 4*, 353-371.

Environment

Agriculture

Adriansen, H. K., & Nielsen, T. T. (2002). Going Where the Grass Is Greener: On the Study of Pastoral Mobility in Ferlo, Senegal. *Human Ecology, 30*(2), 215-226.

Greene, R. P., & Harlin, J. M. (1995). Threat to High Market Value Agricultural Lands from Urban Encroachment: A National and Regional Perspective. *The Social Science Journal, 32*(2), 137-155.

Rao, N. B. (1995). Irrigated Agriculture and Female Work Participation. *Indian Journal of Social Science, 8*(2), 171-184.

Environment and Land Use

Anderton, D. L. (1996). Methodological Issues in the Spatiotemporal Analysis of Environmental Equity. *Social Science Quarterly, 77*(3), 508-515.

Cutter, S. L., Holm, D., & Clark, L. (1996). The Role of Geographic Scale in Monitoring Environmental Justice. *Risk Analysis, 16*(4), 517-526.

Meredith, T. C. (2002). Using Spatial Decision Support Systems in Expert Workshops. *Human Ecology Review*, 9(1), 72-76.

Perz, S. G., & Skole, D. L. (2003). Social Determinants of Secondary Forests in the Brazilian Amazon. *Social Science Research*, 32(1), 25-60.

Rhind, D. (1991). Geographical Information Systems and Environmental Problems. *International Social Science Journal*, 43(4(130)), 649-668.

Schweik, C. M., & Green, G. M. (1999). The Use of Spectral Mixture Analysis to Study Human Incentives, Actions, and Environmental Outcomes. *Social Science Computer Review*, 17(1), 40-63.

Turner, M. D. (2003). Methodological Reflections on the Use of Remote Sensing and Geographic Information Science in Human Ecological Research. *Human Ecology*, 31(2), 255-279.

Pollution (other)

Daniels, G., & Friedman, S. (1999). Spatial Inequality and the Distribution of Industrial Toxic Releases: Evidence from the 1990 TRI. *Social Science Quarterly*, 80(2), 244-262.

Economics/Urban

Employment

Allard, S. W., Tolman, R. M., & Rosen, D. (2003). The Geography of Need: Spatial Distribution of Barriers to Employment in Metropolitan Detroit. *Policy Studies Journal*, 31(3), 293-307.

Lonsdale, R. E., & Archer, J. C. (1995). Changing Employment Patterns on the Northern and Central Great Plains. *Great Plains Research*, 5(1), 47-70.

Wyly, E. K. (1999). Local Labor Markets and Occupational Sex Segregation in an American Metropolis. *Journal of Urban Affairs*, 21(1), 1-33.

Housing

Reynolds, M., & Wulff, M. (2005). Suburban Socio-Spatial Polarisation and House Price Change in Melbourne: 1986-1996. *Applied GIS*, 1(1), [np].

Public Policy and Politics

Ault, B., & Brustein, W. (1998). Joining the Nazi Party: Explaining the Political Geography of NSDAP Membership, 1925-1933. *American Behavioral Scientist*, 41(9), 1304-1323.

Burrows, R., & Ellison, N. (2004). Sorting Places Out? Towards a Social Politics of Neighbourhood Informatization. *Information, Communication & Society*, 7(3), 321-336.

Flint, C. (1998). Forming Electorates, Forging Spaces: The Nazi Party Vote and the Social Construction of Space. *American Behavioral Scientist*, 41(9), 1282-1303.

Glockner, H., Mkanga, M., & Ndezi, T. (2004). Local Empowerment through Community Mapping for Water and Sanitation in Dar es Salaam. *Environment & Urbanization*, 16(1), 185-197.

Rogerson, P. A., & Yang, Z. (1999). The Effects of Spatial Population Distributions and Political Districting on Minority Representation. *Social Science Computer Review*, 17(1), 27-39.

Trouteaud, A., Tolbert, C. M., II, & Irwin, M. D. (2004). Georeferencing School-Age Population Projections: Methodology for a Rapidly Growing District. *Journal of Applied Sociology*, 21(1), 10-29.

Turner, M. L., Jr., & LaMacchia, R. A. (1999). The US Census, Redistricting, and Technology: A 30-Year Perspective. *Social Science Computer Review*, 17(1), 16-26.

Urban Planning and Community

Parisi, D., Taquino, M., Grice, S. M., & Gill, D. A. (2004). Civic Responsibility and the Environment: Linking Local Conditions to Community Environmental Activeness. *Society and Natural Resources*, 17(2), 97-112.

Pick, J. B., & Butler, E. W. (1997). *Mexico Megacity*. Boulder, CO: Westview.

Schor, S. M., Artes, R., & Bomfim, V. C. (2003). Determinants of Spatial Distribution of Street People in the City of Sao Paulo. *Urban Affairs Review*, 38(4), 592-602.

Wang, F., & Zhou, Y. (1999). Modelling Urban Population Densities in Beijing 1982-90: Suburbanisation and Its Causes. *Urban Studies*, 36(2), 271-287.

Social Sciences

Anthropology

Jiang, H. (2003). Stories Remote Sensing Images Can Tell: Integrating Remote Sensing Analysis with Ethnographic Research in the Study of Cultural Landscapes. *Human Ecology*, 31(2), 215-232.

Kuznar, L. A., & Werner, O. (2001). Ethnographic Mapmaking: Part I-Principles. *Field Methods*, 13(2), 204-213.

Wiber, M. G., & Lovell, P. (2004). Property, Kinship and Cultural Capital: The Ethics of Modelling Kinship in Sustainable Resource Management. *Anthropologica*, 46(1), 85-98.

Widlok, T. (1999). Mapping Spatial and Social Permeability. *Current Anthropology*, 40(3), 392-400.

Crime

Brantingham, P. L., & Brantingham, P. J. (1994). The Relative Spatial Concentration of Criminality and Its Analysis: Toward a Revival of Environmental Criminology. *Criminologie*, 27(1), 81-97.

Elie, D. (1994). Spatial Analysis of Crime. *Criminologie*, 27(1), 7-21.

Elie, D., & Legendre, P. (1992). Spatial Autocorrelation and the Displacement of Criminality. *Criminologie*, 25(2), autumn, 139-154.

Harries, K., & Kovandzic, E. (1999). Persistence, Intensity, and Areal Extent of Violence against Women. *Violence Against Women*, 5(7), 813-828.

Lee, M. T., & Martinez, R., Jr. (2002). Social Disorganization Revisited: Mapping the Recent Immigration and Black Homicide Relationship in Northern Miami. *Sociological Focus*, 35(4), 363-380.

Mencken, F. C., & Barnett, C. (1999). Murder, Nonnegligent Manslaughter, and Spatial Autocorrelation in Mid-South Counties. *Journal of Quantitative Criminology*, 15(4), 407-422.

Messner, S. F., Anselin, L., Baller, R. D., Hawkins, D. F., Deane, G., & Tolnay, S. E. (1999). The Spatial Patterning of County Homicide Rates: An Application of Exploratory Spatial Data Analysis. *Journal of Quantitative Criminology*, 15(4), 423-450.

Morenoff, J. D., Sampson, R. J., & Raudenbush, S. W. (2001). Neighborhood Inequality, Collective Efficacy, and the Spatial Dynamics of Urban Violence. *Criminology*, 39(3), 517-559.

Oberwittler, D. (2004). A Multilevel Analysis of Neighbourhood Contextual Effects on Serious Juvenile Offending: The Role of Subcultural Values and Social Disorganization. *European Journal of Criminology*, 1(2), 201-235.

Reid, R. J., Hughey, J., & Peterson, N. A. (2003). Generalizing the Alcohol Outlet-Assaultive Violence Link: Evidence from a U.S. Midwestern City. *Substance Use & Misuse*, 38(14), 1971-1982.

Speer, P. W., Gorman, D. M., Labouvie, E. W., & Ontkush, M. J. (1998). Violent Crime and Alcohol Availability: Relationships in an Urban Community. *Journal of Public Health Policy*, 19(3), 303-318.

Stretesky, P. B., Schuck, A. M., & Hogan, M. J. (2004). Space Matters: An Analysis of Poverty, Poverty Clustering, and Violent Crime. *Justice Quarterly*, 21(4), 817-841.

Tolnay, S. E., Deane, G., & Beck, E. M. (1996). Vicarious Violence: Spatial Effects on Southern Lynchings, 1890-1919. *American Journal of Sociology*, 102(3), 788-815.

Weisburd, D., Green, L., & Ross, D. (1994). Spatial Analysis of Crimes Committed in Street-Level Drug Markets. *Criminologie*, 27(1), 49-67.

Demography

Amin, S., Basu, A. M., & Stephenson, R. (2002). Spatial Variation in Contraceptive Use in Bangladesh: Looking beyond the Borders. *Demography*, 39(2), 251-267.

Guilmoto, C. Z., & Rajan, S. I. (2001). Spatial Patterns of Fertility Transition in Indian Districts. *Population and Development Review*, 27(4), 713-738.

Skinner, G. W., Henderson, M., & Jianhua, Y. (2000). China's Fertility Transition through Regional Space. *Social Science History*, 24(3), 613-652.

Swanson, D. A., & Pol, L. G. (2004). Contemporary Developments in Applied Demography within the United States. *Journal of Applied Sociology*, 21(2), 26-56.

Migration

Douglas-Bate, R. (2003). Humanitarian Mapping. *Forced Migration Review*, 18, 35.

Gregory, I. (2000). Longitudinal Analysis of Age- and Gender-Specific Migration Patterns in England and Wales: A GIS-Based Approach. *Social Science History*, 24(3), 471-503.

Johnson, J. H., Jr., Johnson-Webb, K. D., & Farrell, W. C., Jr. (1999). Newly Emerging Hispanic Communities in the United States: A Spatial Analysis of Settlement Patterns, In-Migration Fields, and Social Receptivity. In F. D. Bean & S. Bell-Rose (Eds.), *Immigration and Opportunity: Race, Ethnicity, and Employment in the United States* (pp. 263-310). New York: Russell Sage.

Race/Ethnicity

Alba, R. D., Logan, J. R., & Crowder, K. (1997). White Ethnic Neighborhoods and Assimilation: The Greater New York Region, 1980-1990. *Social Forces*, 75(3), 883-912.

Beggs, J. J., Villemez, W. J., & Arnold, R. (1997). Black Population Concentration and Black-White Inequality: Expanding the Consideration of Place and Space Effects. *Social Forces*, 76(1), 65-91.

Segregation

Alba, R. D., Logan, J. R., & Stults, B. J. (2000). The Changing Neighborhood Contexts of the Immigrant Metropolis. *Social Forces*, 79(2), 587-621.

Charles, C. Z. (2003). The Dynamics of Racial Residential Segregation. *Annual Review of Sociology*, 29, 167-207.

Coffey, B., & Gocker, J. C. (1998). Racial Disparities in Mortgage Lending: The Example of Urban Ohio. *Social Justice*, 25(3(73)), 115-127.

Grannis, R. (1998). The Importance of Trivial Streets: Residential Streets and Residential Segregation. *American Journal of Sociology*, 103(6), 1530-1564.

Johnson, J. H., Jr., Parnell, A., Joyner, A. M., Christman, C. J., & Marsh, B. (2004). Racial Apartheid in a Small North Carolina Town. *The Review of Black Political Economy*, 31(4), 89-107.

Reardon, S. F., & O'Sullivan, D. (2004). Measures of Spatial Segregation. *Sociological Methodology*, 34, 121-162.

Rogers, A. (2002). The Ethnic Division of Labour in Greater London: A Spatial Analysis of Workplace-Residence Relations. In M. Cross & R. Moore (Eds.), *Globalization and the New City: Migrants, Minorities and Urban Transformations in Comparative Perspective* (pp. 228-246). Hampshire, UK: PALGRAVE.

Vaattovaara, M. (2002). Future Developments of Residential Differentiation in the Helsinki Metropolitan Area: Are We Following the European Model? *Yearbook of Population Research in Finland*, 38, 107-123.

Deprivation

Langlois, A., & Kitchen, P. (2001). Identifying and Measuring Dimensions of Urban Deprivation in Montreal: An Analysis of the 1996 Census Data. *Urban Studies*, 38(1), 119-139.

Feminism

Kwan, M.-P. (2002). Is GIS for Women? Reflections on the Critical Discourse in the 1990s. *Gender, Place and Culture*, 9(3), 271-279.

McLafferty, S. L. (2002). Mapping Women's Worlds: Knowledge, Power and the Bounds of GIS. *Gender, Place and Culture*, 9(3), 263-269.

Pavlovskaya, M. E. (2002). Mapping Urban Change and Changing GIS: Other Views of Economic Restructuring. *Gender, Place and Culture*, 9(3), 281-289.

Schuurman, N., & Pratt, G. (2002). Care of the Subject: Feminism and Critiques of GIS. *Gender, Place and Culture*, 9(3), 291-299.

History

Brown, E. B., & Kimball, G. D. (1995). Mapping the Terrain of Black Richmond. *Journal of Urban History*, 21(3), 296-346.

Deane, G., Beck, E. M., & Tolnay, S. E. (1998). Incorporating Space into Social Histories: How Spatial Processes Operate and How We Observe Them. *International Review of Social History*, 43(supplement 6), 57-80.

Knowles, A. K. (2000). Introduction. *Social Science History*, 24(3), 451-470.

Healey, R. G., & Stamp, T. R. (2000). Historical GIS as a Foundation for the Analysis of Regional Economic Growth. *Social Science History*, 24(3), 575-612.

MacDonald, B. H., & Black, F. A. (2000). Using GIS for Spatial and Temporal Analyses in Print Culture Studies. *Social Science History*, 24(3), 505-536.

Rural Sociology

Deweese, S., & Collins, T. (1998). Geographic Information Systems: A Tool for Rural Community Research. *Southern Rural Sociology*, 14(1), 1-17.

Lobao, L. (2004). Continuity and Change in Place Stratifications: Spatial Inequality and Middle-Range Territorial Units. *Rural Sociology*, 69(1), 1-30.

Lobao, L., & Saenz, R. (2002). Spatial Inequality and Diversity as an Emerging Research Area. *Rural Sociology*, 67(4), 497-511.

Mohan, J. (2003). Geography and Social Policy: Spatial Divisions of Welfare. *Progress in Human Geography*, 27(3), 363-374.

Methods/Applications

Agent Based Modeling

Otter, H. S., van der Veen, A., & de Vriend, H. J. (2001). ABLOoM: Location Behaviour, Spatial Patterns, and Agent-Based Modelling. *Journal of Artificial Societies and Social Simulation*, 4(4), Oct.

Cellular Automata

Flache, A., & Hegselmann, R. (2001). Do Irregular Grids Make a Difference? Relaxing the Spatial Regularity Assumption in Cellular Models of Social Dynamics. *Journal of Artificial Societies and Social Simulation*, 4(4), Oct.

Parisi, D., Cecconi, F., & Natale, F. (2003). Cultural Change in Spatial Environments: The Role of Cultural Assimilation and Internal Changes in Cultures. *Journal of Conflict Resolution*, 47(2), 163-179.

Point Patterns

Reader, S. (2000). Using Survival Analysis to Study Spatial Point Patterns in Geographical Epidemiology. *Social Science and Medicine*, 50(7-8), 985-1000.