

SPATIAL ANALYSIS ARTICLES IN 2002

This is a partial listing of Spatial Analysis related publications that appeared in 2002.

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The publications are grouped by general themes (health; environment/natural resources; social sciences; economics/urban economics; methods). Note that publications can appear multiple times depending on substantive and methodological fit.

Agriculture

Aspinall, R. (2002). A land-cover data infrastructure for measurement, modeling, and analysis of land-cover change dynamics. *Photogrammetric Engineering and Remote Sensing*, 68(10), 1101-1105.

Dutkowski, G. W., Silva, J. C. e., Gilmour, A. R., & Lopez, G. A. (2002). Spatial analysis methods for forest genetic trials. *Canadian Journal of Forest Research*, 32(12), 2201.

Evans, T. P., & Moran, E. F. (2002). Spatial Integration of Social and Biophysical Factors Related to Landcover Change. *Population and Development Review*, 28(supp), 165-186.

Herold, M., Scepan, J., & Clarke, K. C. (2002). The use of remote sensing and landscape metrics to describe structures and changes in urban land uses. *Environment and Planning A*, 34(8), 1443-1458.

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Ho, C., McCouch, R., & Smith, E. (2002). Improvement of hybrid yield by advanced backcross QTL analysis in elite maize. *Theor Appl Genet*, 105(2-3), 440-448.

Pearson, D. M. (2002). The application of local measures of spatial autocorrelation for describing pattern in north Australian landscapes. *J Environ Manage*, 64(1), 85-95.

Staal, S. J., Baltenweck, I., Waithaka, M. M., deWolf, T., & Njoroge, L. (2002). Location and uptake: integrated household and GIS analysis of technology adoption and land use, with application to smallholder dairy farms in Kenya. *Agricultural Economics*, 27(3), 295-315.

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Environment and Land Use

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Chang, K. T., Khatib, Z., & Ou, Y. M. (2002). Effects of zoning structure and network detail on traffic demand modeling. *Environment and Planning B-Planning & Design*, 29(1), 37-52.

Chang, Y. C., & Chang, N. B. (2002). The design of a web-based decision support system for the sustainable management of an urban river system. *Water Sci Technol*, 46(6-7), 131-139.

Davidson, P. R. (2002). Environmental Racism and Labor Market Discrimination: Residential Location and Industrial Endogeneities. Unpublished Dissertation, U Massachusetts, Amherst.

Doran, P. T., Priscu, J. C., Lyons, W. B., Walsh, J. E., Fountain, A. G., McKnight, D. M., et al. (2002). Antarctic climate cooling and terrestrial ecosystem response. *Nature*, 415(6871), 517-520.

Hofmeister, S. (2002). Intermediate 'Time-Spaces': The Rediscovery of Transition in Spatial Planning and Environmental Planning. *Time & Society*, 11(1), 105-130.

Ji, W. W., & Leberg, P. (2002). A GIS-based approach for assessing the regional conservation status of genetic diversity: an example from the southern Appalachians. *Environ Manage*, 29(4), 531-544.

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- Mennis, J. (2002). Using Geographic Information Systems to Create and Analyze Statistical Surfaces of Population and Risk for Environmental Justice Analysis. *Social Science Quarterly*, 83(1), 281-297.
- Meredith, T. C. (2002). Using Spatial Decision Support Systems in Expert Workshops. *Human Ecology Review*, 9(1), 72-76.
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- Miller, M. A., Gardner, I. A., Kreuder, C., Paradies, D. M., Worcester, K. R., Jessup, D. A., et al. (2002). Coastal freshwater runoff is a risk factor for *Toxoplasma gondii* infection of southern sea otters (*Enhydra lutris nereis*). *Int J Parasitol*, 32(8), 997-1006.
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- Preston, B. L. (2002). Hazard prioritization in ecological risk assessment through spatial analysis of toxicant gradients. *Environ Pollut*, 117(3), 431-445.
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- Grubestic, T. H. (2002). Spatial dimensions of Internet activity. *Telecommunications Policy*, 26(7-8), 363-387.
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- Michel, S. (2002). Response to Daphne Spain: "What Happened to Gender Relations on the Way from Chicago to Los Angeles?" *City & Community*, 1(2), 169-173.

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Vuolteenaho, J. (2002). Suburban Slums? Unemployment, Residential Neighborhoods and the Spatial Practice of Urban Life. *Janus*, 10(3), 193-216.

Sociology, Demography, Political Science, Anthropology, Criminology

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Corman, S. R., Kuhn, T., McPhee, R. D., & Dooley, K. J. (2002). Studying Complex Discursive Systems. Centering Resonance Analysis of Communication. *Human Communication Research*, 28(2), 157.

Dixon, D. R. (2002). An Analysis of the Social Ecology of Violent Juvenile Crime. Unpublished Dissertation, U Texas, Dallas.

Flores, R. J. O. (2002). An Examination of Neighborhood Effects on Patterns of High School Attrition among Puerto Rican Youth in the New York Metropolitan Area. *Journal of Hispanic Higher Education*, 1(1), 69-87.

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Gotved, S. (2002). Spatial Dimensions in Online Communities. *Space and Culture*, 5(4), 405-414.

Hinich, M. J., Khmelko, V., & Ordeshook, P. C. (2002). Ukraine's 1999 presidential election: A spatial analysis. *Post-Soviet Affairs*, 18(3), 250-269.

Hollister, J. W. (2002). Reconstructing Social Theory at a Cruising Site. Unpublished Dissertation, State U New York, Binghamton.

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Disease

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