

# Selected Publications

## Department of Geography

This page presents a fairly comprehensive listing of recent or forthcoming publications by faculty and students in the department.

### Forthcoming

Biddle, Matthew D. "Storm Chasing." In Encyclopedia of the Great Plains, edited by David Wishart. Lincoln, Nebraska: Center for Great Plains Studies.

\_\_\_\_. "Weather Industry." In Encyclopedia of the Great Plains, edited by David Wishart. Lincoln, Nebraska: Center for Great Plains Studies.

Gumprecht, Blake. "Who Killed the Los Angeles River?" In Land of Sunshine: The Environmental History of Greater Los Angeles, edited by William Deverell and Greg Hise. Pittsburgh: University of Pittsburgh Press.

Nostrand, Richard L. "The Hispano Homeland." In Encyclopedia of the Great Plains, edited by David Wishart. Lincoln, Nebraska: Center for Great Plains Studies.

Offen, Karl H. "The Sambo and Tawira Miskitu. The Colonial Origins and Geography of Miskitu Differentiation, Eastern Nicaragua and Honduras." Ethnohistory, no. 1 (2003; accepted 3/2000).

Robertson, David S. "Heaps of History: Toluca and the Historic Longwall Mining District." Journal of Illinois History 3:2 (2000).

\_\_\_\_. "Fly-Over Country" In Encyclopedia of the Great Plains, edited by David Wishart. Lincoln, Nebraska: Center for Great Plains Studies.

\_\_\_\_. "The Last Best West." In Encyclopedia of the Great Plains, edited by David Wishart. Lincoln, Nebraska: Center for Great Plains Studies.

Wallach, Bret. "Physical Environment of the Great Plains." In Encyclopedia of the Great Plains, edited by David Wishart. Lincoln: Center for Great Plains Studies.

Yuan, May. "Modeling Geographic Information to Support Spatiotemporal Queries." In Life and Motion of Socio-Economic Units, edited by A. U. Frank, J. Raper, and J. P. Cheyland. European Science Foundation Series. London: Taylor and Francis.

\_\_\_\_. "Representing Spatial Data." In Manual of Geospatial Science and Technology, edited by John Bossler. London: Taylor & Francis.

### 2002

Bridge, G. (2002) Grounding Globalization: the prospects and perils of linking economic processes of globalization to environmental outcomes. Economic Geography 78(3) July 2002.

Bridge, G. (2002) Local Dirt, Global Dreams: mining investment and land use change in Arizona. Local Environment 7(4).

Bridge, G. and A. Jonas (2002) Governing Nature: the reregulation of resource access, production and consumption. Guest Editorial, Environment and Planning A: 34 (5).

Marsden, T., Bridge, G., and McManus, P. (2002) Beyond the Social Construction of Nature: rethinking political economies of the environment. Guest Editorial, Journal of Environmental Policy and Planning.

Myint, Soe Win "Application of NOAA/AVHRR and SeaWiFS reflectance measurements for the determination of surface suspended sediment concentration along a river dominated coast." International Journal of Remote Sensing, 2001.

Tarhule, Aondover and M. K. Woo. "Observations on the Dynamics of Rural Water Supply From Natural Sources: A Village Example in Semi-arid Nigeria." Journal of Mitigation 2000.

### 2001

\_\_\_\_. "The Spanish Borderlands." In North America: The Historical Geography of a Changing Continent, 2nd edition, edited by Muller and McIlwraith.

\_\_\_\_. "Transforming the Prairie: Early Tree Planting in an Oklahoma Town." Historical Geography 28 (2001).

\_\_\_\_. "A Window on the West Bank." Geographical Review.

Bridge, Gavin. "Everyday Ecologies: Cities, Nature, and Teaching Urban Ecology." Journal of Geography (2001).

Hoagland, Bruce W. and F. L. Johnson. "A floristic study survey of the Chickasaw National Recreation Area, Murray County, Oklahoma." Castanea (to appear in December issue).

Nostrand, Richard L., co-editor. Homelands in the United States. Baltimore and London: The Johns Hopkins University Press, 2001.

Palmer, M., P. Earls, B. Hoagland, P. White, and T. Wohlgemuth. "Quantitative tools for perfecting species lists." Envirometrics.

Wallach, Bret. "Belief Systems." In Encyclopedia of Global Change, edited by A. Goudie. Oxford University Press, 2001.

## 2000

\_\_\_\_. "Taming Nature." *Science as Culture* 9:4 (December 2000).

\_\_\_\_. "Resources Geography." In International Encyclopedia of the Social and Behavioral Sciences. Elsevier Science Limited, 2000.

Bridge, Gavin. "The Social Regulation of Resource Access and Environmental Impact: Production, Nature and Contradiction in the U.S. Copper Industry." *Geoforum* 31, pp. 237-256.

Bridge, Gavin and P. McManus. "Sticks and Stones: Environmental Narratives and Discursive Regulation in the Forestry and Mining Sectors." *Antipode* 32:1, pp. 10-47.

Hoagland, Bruce W. 2000. "The Vegetation of Oklahoma: A Classification of Landscape Mapping and Conservation Planning." *Southwestern Naturalist* 45:385-420.

Offen, Karl H. "British Logwood Extraction from the Mosquitia: The Origin of a Myth." *Hispanic American Historical Review* 80:1, pp. 113-35.

Rundstrom, Robert A., Douglas Deur, Kate Berry, and Dick Winchell. "Recent Geographical Research on Indians and Inuit in the U.S. and Canada." *American Indian Culture and Research Journal* 24:2.

Yuan, May. "Integration of Raster and Vector Data to represent Dynamic Geographic Phenomena Based on Hierarchical Theory. Proceedings: 9th International Symposium on Spatial Data Handling Spatial Data Handling, edited by P. Forer.

Yuan, May, D. Mark, D. Peuquet, M. Egenhofer. "Extensions to Geographic Representations." In *Research Challenges in Geographic Information Science*, edited by R. McMaster. New York: John Wiley & Sons.

## 1999

Bridge, Gavin. "Harnessing the Bonanza: Economic Liberalization and Capacity Building in the Mineral Sector." *Natural Resources Forum* 23:1.

\_\_\_\_. "Scale of Inquiry, Shades of Green: Evaluating the Environmental Performance of Mineral Investment in the Americas." Proceedings of the Eighth International Conference of the Greening of Industry Network, University of North Carolina, Chapel Hill. November

Engel, Matthew R., Todd D. Heibel, Douglas A. Hurt, and Henry J. Rademacher. "Home in North America." *The North American Geographer* 1:1, pp. 1-3.  
Forêt, Philippe. "The Intended Perception of the Imperial Gardens of Chengde in 1780." *Studies in the History of Gardens and Designed Landscapes* 19: 3-4, pp. 343-363.

\_\_\_\_. "La mémoire topomantique du Séoul colonial." Proceedings of the International Geographical Union Conference on the Geography of Religions, ed. Blanca Fritschy. Santa Fé, Argentina.

\_\_\_\_. "Preliminary Catalogue of the Sven Hedin Map Library," Stockholm, National Museum of Ethnography of Stockholm, Sven Hedin Foundation, Royal Academy of Sciences of Sweden, *Himalayan Research Bulletin* 19:1 (Fall), pp. 21-55.

Gumprecht, Blake. *The Los Angeles River: Its Life, Death, and Possible Rebirth.* Baltimore and London: The Johns Hopkins University Press.

Hoagland, Bruce W., I. Butler, and F. L. Johnson. "Ecology and Vegetation of the Cross Timbers in Kansas, Oklahoma, and Texas." In *The Savanna, Barren, and Rock Outcrop Communities of North America*, edited by R. C. Anderson, J. Fralish, and J. Baskin. Cambridge University Press.

\_\_\_\_. Five entries for the Encyclopedia of the Desert (Amenochory, Annual Plants, Cryptogams, Riparian Vegetation, Zoochory). Edited by M. Mares. Norman: University of Oklahoma Press

Hurt, Douglas A. "Railroad Influence on a Small Town Main Street: A View of Purcell, Oklahoma." *The North American Geographer* 1:1, pp. 64-79.

Legates, David R. and Matthew D. Biddle. *Warning Response and Risk Behavior in the Oak Grove - Birmingham, Alabama, Tornado of 8 April 1998.* Natural Hazards Research Applications and Information Center Quick Response Report No. 116. Boulder: University of Colorado.

Mass, D. S. and May Yuan. "Analyzing Dispersal Dynamics of Golden-cheeked Warblers (*Dendroica chrysoparia*) Using Remote Global Positioning System, and Geographic Information Technologies." *Applied Geographic Studies* 3:2, pp. 77-95.

Offen, Karl H. "Central America and the Caribbean." In *Holt Middle School Geography.* Austin: Holt, Rinehart and Winston Publishers.

Rundstrom, Robert A. and Douglas Deur. "Reciprocal Appropriation: Toward an Ethics of Cross-Cultural Research." In *Geography and Ethics: Journeys in a Moral Terrain*, edited by J. Proctor and D. Smith. London: Routledge, 1999.

Wallach, Bret. "Will Carl Sauer Make It Across That Great Bridge to the Next Millennium?" Yearbook of the Association of Pacific Coast Geographers 61, pp. 129-136.

\_\_\_\_\_. "A Slightly Varnished History of the Department of Geography at the University of Oklahoma." Southwestern Geographer 3, pp. 59-82.

Yuan, May. "Representing Geographic Information to Enhance GIS Support for Complex Spatiotemporal Queries." Transactions in GIS 3:2, pp. 137-160.

## 1998

Bragd, A., Gavin Bridge, F. den Hond, and P. Jose, guest editors. "New Dialogue and New Approaches to Developing Sustainability." Special Edition of Business Strategy and the Environment 7:4.

\_\_\_\_\_. "Beyond Greening: New Dialogue and New Approaches to Developing Sustainability." Business Strategy and the Environment 7:4, pp. 179-92.

Bridge, Gavin. "Excavating Nature: An Environmental Narrative and the Regulation of Mining's Ecological Impacts." In An Unruly World? Geography, Globalization, and Governance, edited by A. Herod, S. Roberts, and G. Toal.

Greene, J. S. and M. L. Morrissey. "Evaluation and Validation of Simulated and Observed Climate Data." In Climate Prediction for Agricultural and Resource Management, edited by L. Leslie and R. Munro. Canberra: Australian Academy of Sciences.

Gumprecht, Blake. "Lubbock on Everything: The Evocation of Place in Popular Music (A West Texas Example)." Journal of Cultural Geography 18:1 (Fall/Winter): 61-81.

\_\_\_\_\_. "Giants on the Plains: Grain Elevators and the Making of Enid, Oklahoma." Great Plains Quarterly 18:4 (Fall), pp. 305-325.

Hoagland, Bruce W. "Riparian Vegetation." In Riparian Area Management Handbook, edited by A. Fallon and M. Smollen. Stillwater, Oklahoma: Oklahoma Cooperative Extension Service, Oklahoma State University.

Hoagland, Bruce W. and N. A. McCarty. "Alternanthera Philoxeroides (Mart.) Griseb. (AMARANTHACEAE) New to Oklahoma." Castanea 63, p. 194.

Hoagland, Bruce W. and S. Stoodley. "Ecoregions." In Riparian Area Management Handbook, edited by A. Fallon and M. Smollen. Stillwater, Oklahoma: Oklahoma Cooperative Extension Service, Oklahoma State University.

Hurt, Douglas A. "The Framework of the Standards: A History of American Geography Education." The Pennsylvania Geographer 36:1, pp. 2-17.

\_\_\_\_\_. "Vexations of Flesh and Spirit: Environment and Culture in the Cross Timbers." Oklahoma: Magazine of the Oklahoma Heritage Association 3:1, pp. 25-30.

Morrissey, M. L., and J. S. Greene. "Uncertainty Analysis of Satellite Rainfall Algorithms over the Tropical Pacific." Journal of Geophysical Research 103, pp. 19569-19576.

\_\_\_\_\_. "Using the Oklahoma Mesonet to Develop and Test a Sampling Error Statistic for Meteorological Time Series." Journal of Geophysical Research 103, pp. 8979-9884.

Nostrand, Richard L. "AEGSC Distinguished Scholar Award: James P. Allen." AEGSC Newsletter 6:2, pp. 9-10.

Offen, Karl H. "An Historical Geography of Chicle and Tunu Gum Production in Northeastern Nicaragua." Yearbook, Conference of Latin Americanist Geographers 24, pp. 57-74.

Offen, Karl H. "Tierras indígenas en la historia de la Costa Caribe nicaragüense." In Diagnóstico General sobre la Tenencia de la Tierra en las Comunidades Indígenas de la Costa Atlántica. Macro General, edited by P.H. Dana, E.T. Gordon, G.C. Gurdian and CR. Hale, 10-41. Austin: CACRC.

Patz, J., S. Lele, J. S. Greene, B. Noden, M. Hedden, L. Kalkstein, K. Strzepek, and J. Beier. "Predicting Key Malaria Transmission Factors, Biting and Entomological Inoculation Rates, Using Modeled Soil Moisture in Kenya." Tropical Medicine and International Health 3, pp. 818-827.

Robertson, David S. "Landscape Meaning in Historic Mining Districts." Mining and Environment Research Bulletin 11/12, pp. 43-46.

Rundstrom, Robert A. "Mapping, the White Man's Burden." Commentary in reply to "Mapping the Commons: The Social Context of Spatial Information Technologies," by Jim Fox. Community Property Digest 45 (May), pp. 7-9.

Spaeth, Hans-Joachim, Gary Thompson, Henry Eisenhart, editors. Oklahoma Resources for Economic Development. Oklahoma Geological Survey Special Publications No. 98-4. Norman.

Tarhule, Aondover and M. K. Woo. "Changes in Rainfall Characteristics in Northern Nigeria." International Journal of Climatology 18, pp. 1261-1271.

Wallach, Bret. "In Memoriam: James J. Parsons, 1915-1997." Annals of the Association of American Geographers 88, pp. 316-328.

Yuan, May. "Representing Spatiotemporal Processes to Support Knowledge Discovery in GIS Databases." Proceedings: 8th International Symposium on Spatial Data Handling, edited by T. K. Poiker and N. Chrisman.

Yuan, May and D. R. Perault. "The Fractal Dimensions of a Temporal Forest Landscape." Applied Geographic Studies 2:2, pp. 131-144.

## 1997

Bridge, Gavin. "The Decommissioning of Leach Dumps and the Protection of Water Quality: Lessons for Best Practice from Copper and Gold Leaching Operations in the United States." In Planning for Closure: Best Practice in Managing Ecological Impacts from Mining, edited by A. Warhurst and L. Noronha. St. Lucie Press.

Greene, J. S., M. L. Morrissey, and R. Ferraro. "Verification of a Scattering-Based Rainfall Algorithm over the Open Ocean." Theoretical and Applied Climatology 56, pp. 33-44.

Gumprecht, Blake. "51 Miles of Concrete: The Exploitation and Transformation of the Los Angeles River." Southern California Quarterly 79:4 (Winter), pp. 431-486.

Hoagland, Bruce W., and S. L. Collins. "Gradient Models, Gradient Analysis, and Hierarchical Structure in Plant Communities." Oikos 78, pp. 23-30.

\_\_\_\_\_. "Heterogeneity in Shortgrass Prairie Vegetation: The Role of Playa Lakes." Journal of Vegetation Science 8, pp. 277-286.

Hurt, Douglas A. "Main Street: Teaching Elementary School Students Standards-Based Urban Geography." Journal of Geography 96:1, pp. 280-283.

Kalkstein, L. S. and Greene, J. S. "Evaluation of Climate/Mortality Relationships in U.S. Cities and Possible Impacts of a Climate Change." Environmental Health Perspectives 105, pp. 84-93.

Nostrand, Richard L. "Hispano Ethnicity Viewed Through the Window of El Cerrito." In Teaching American Ethnic Geography, edited by Lawrence E. Estaville and Carol J. Rosen. Pathways in Geography Series No. 18. Indiana, Pa.: National Council for Geographic Education.

Rundstrom, Robert A. "Teaching American Indian Geographies." In Teaching American Ethnic Geography, edited by Lawrence E. Estaville and Carol J. Rosen. Pathways in Geography Series No. 18. Indiana, Pa.: National Council for Geographic Education.

Spaeth, Hans-Joachim. "Fuelwood Crisis of Niamey: Vanishing Forests and Development of an Arid Island in the Sahel of Niger [Feuerholzkrisis in

Niamey: Entwaldung und Entwicklung einer Ariden Insel in Sahel von Niger]." In Land Use and Desertification in North and West Africa, edited by Hans-Joachim Spaeth. Paderborner Geographische Studien Band 6.

\_\_\_\_\_. "Land Degradation in Western Niger." UNEP Desertification Control Bulletin 28, pp. 34-41.

\_\_\_\_\_. "Terrace Landscapes in the High Atlas of Morocco [Terrassenlandschaften im Hohen Atlas von Marokko]." In Land Use and Desertification in North and West Africa, edited by Hans-Joachim Spaeth. Paderborner Geographische Studien Band 6.

Spaeth, Hans-Joachim, editor. Land Use and Desertification in North and West Africa. Paderborner Geographische Studien Band 6.

Tarhule, Aondover and M. K. Woo. "Towards an Interpretation of Historical Droughts in Northern Nigeria." Climatic Change 37, pp. 601-616.

\_\_\_\_\_. "Characteristics and Use of Shallow Wells in a Stream Fadama: A Case Study in Northern Nigeria." Applied Geography 17, pp. 29-42.

Thompson, Gary L., F. Shelley, and C. Wije, editors. Geography, Environment, and American Law. Boulder, Colorado: University of Colorado Press.

Wallach, Bret. "Painting, Art History, and Geography." Geographical Review 87:1.

\_\_\_\_\_. "Six Flags Over Norman." In Regional Geography of the United States and Canada, Second edition, by Tom McKnight. Upper Saddle River, N.J.: Prentice Hall, 1997.

\_\_\_\_\_. "The Telltale Southern Plains." In Many Wests: Place, Culture, and Regional Identity, edited by D. Wrobel and M. Steiner. Lawrence: University Press of Kansas.

Warhurst, A., and Gavin Bridge. "Economic Liberalisation, Innovation, and Technology Transfer: Opportunities for Cleaner Production in the Minerals Industry." Natural Resources Forum 21:1, pp. 1-12.

\_\_\_\_\_. "Financing Environmental Performance Strategies." Mining Finance, April, pp. 54-56.

Yin, Z., and T. H. L. Williams. "Obtaining a Spatial and Temporal Vegetation Data from Landsat MSS and AVHRR/NOAA Satellite Images for a Hydrologic Model." Photogrammetric Engineering and Remote Sensing 63:1, pp. 69-77.

Yuan, May. "Knowledge Acquisition for Building Wildfire Representation in Geographic Information Systems." The International Journal of Geographic Information Systems 11:8, pp. 723-45.

## 1996

Greene, J. S. "Analysis of Summertime Precipitation Intensity in the Eastern United States." *Physical Geography* 17, pp. 401-418.

Greene, J. S., and L. S. Kalkstein. "Quantitative Analysis of Summer Air Masses in the Eastern United States and an Application to Human Mortality." *Climate Research* 7, pp. 43-53.

Gumprecht, Blake. "A Saloon on Every Corner: Whiskey Towns of Oklahoma Territory, 1889-1907." *The Chronicles of Oklahoma* 74:2 (Summer), pp. 146-173.

Hoagland, Bruce W., L. R. Sorrels and S. M. Glenn. "Woody Species Composition of Floodplain Forests of the Little River, McCurtain and LeFlore Counties, Oklahoma." *Proceedings of the Oklahoma Academy of Science* 76, pp. 23-26.

Kalkstein, L. S., C. D. Barthel, M. C. Nichols, and J. S. Greene. "A New Spatial Synoptic Classification: Application to Air Mass Analysis." *International Journal of Climatology* 16, pp. 983-1004.

Kalkstein, L. S., P. J. Jamason, J. S. Greene, J. Libby, and L. Robinson. "The Philadelphia Hot Weather Health Watch/Warning System: Development and Application, Summer, 1995." *Bulletin of the American Meteorological Society* 77, pp. 1519-1528.

Nostrand, Richard L. *The Hispano Homeland.* Norman: University of Oklahoma Press. Paperback edition.

Robertson, David S. "Oil Derricks and Corinthian Columns: The Industrial Transformation of the Oklahoma State Capitol Grounds." *Journal of Cultural Geography* 16:1, pp. 17-44.

Rundstrom, Robert A. "Arctic Soliloquy on Inuit Place-Names and Cross-Cultural Fieldwork." *Names* 44:4, pp. 333-357

\_\_\_\_\_. "Expectations and Motives in the Exchange of Maps and Geographical Information Among Inuit and Qallunaat in the Nineteenth and Twentieth Centuries." In *Cultural Transfer, America and Europe: 500 Years of Interculturation*, edited by L. Turgeon, D. Delage, R. Ouellet. Quebec: Les Presses de l'Universite Laval.

Spaeth, Hans-Joachim. "Land Degradation in Western Niger." *UNEP Desertification Control Bulletin* 28, pp. 34-41.

Wallach, Bret. *Losing Asia: Modernization and the Culture of Development.* Baltimore and London: The Johns Hopkins University Press.

Warhurst, A., and Gavin Bridge. "Improving Environmental Performance Through Innovation: Recent Trends in the Mining Industry." *Minerals Engineering* 9:9, pp. 907-21.

Yuan, May. "Modeling Semantical, Temporal, and Spatial Information in Geographic Information Systems." In *Geographic Information Research: Bridging the Atlantic*, edited by M. Craglia and H. Coucleis. London: Taylor and Francis.

\_\_\_\_\_. "GIS Data Schemata for Spatiotemporal Information. In *Integrating GIS and Environmental Modeling*, edited by M. Goodchild. CD-ROM.

## 1995

Bridge, Gavin. "Selling-off Siberia." *Geographical* 67:1.

Forêt, Philippe. "How the Chinese Discovered the Ice: China's First Expedition to Antarctica, 1984-85." *Chinese Environmental History Newsletter* 2:2 (Fall), pp. 14-15.

\_\_\_\_\_. "The Manchu Landscape Enterprise: Political, Geomantic and Cosmological Readings of the Gardens of the Bishu Shanzhuang Imperial Residence at Chengde." *Ecumene: A Journal of Environment, Culture, Meaning* 2:3, pp. 325-334.

Gumprecht, Blake. "Summers of Discontent." *Weatherwise*, April/May, purces of Government Information." In *The Internet Compendium*, edited by Louis Rosenfeld, Joseph Janes, and Martha Vander Holk. New York: Neal-Schulman.

Morrissey, M. L., J. A. Maliekal, J. S. Greene, and J. Wang. "The Uncertainty of Simple Spatial Averages Using Rain Gauge Networks." *Water Resources Research* 31, pp. 2011-2017.

Nostrand, Richard L. "The Spread of Spanish Settlement in Greater New Mexico: An Isochronic Map, 1610-1890." *Journal of the West* 34:3, pp. 82-87.

Rundstrom, Robert A. "GIS, Indigenous Peoples, and Epistemological Diversity." *Cartography and Geographic Information Systems* 22:1, pp. 45-57.

Ye, H., L. S. Kalkstein, L. S. and J. S. Greene. "The Detection of Climate Change in the Arctic: An Updated Report." *Atmospheric Research* 37, pp. 163-174.

Yuan, May. and J. Albrecht. "Structural Analysis of Geographic Information and GIS Operations: From a User's Perspective." In *Spatial Information Theory*, edited by A. Frank and W. Kuhn. Berlin: Springer-Verlag.