

Robert Brinkmann, Ph.D.
Professor of Geography
University of South Florida
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Education:

Ph.D., Geography, 1989, University of Wisconsin-Milwaukee. Dissertation: *Lead Pollution in Soils of Milwaukee County, Wisconsin.*

M.S., Geology, 1986, University of Wisconsin-Milwaukee. Thesis: *Glacial Geology and Pleistocene History of the Eau Galle Drainage Basin, West-Central Wisconsin.*

B.S., Geology, 1982, University of Wisconsin-Oshkosh.

Positions Held:

2005-Present, **Chair**, Department of Geography. Responsibilities include oversight of a department with 21 faculty, 6 staff, 400 undergraduate majors, 60 master's students, 15 Ph.D. students and management of 2 undergraduate and 2 master's degree programs (Environmental Science and Policy, Geography), one Ph.D. program, three graduate certificate programs (Community Development, GIS, and Environmental Management), and several laboratory facilities.

2003-2004: **Interim Associate Dean for Faculty and Program Development**, College of Arts and Sciences. Responsibilities included management of tenure and promotion, faculty hiring, faculty issues, accreditation of faculty, budgeting, accreditation, among other responsibilities.

2000-2003: **Chair**, Department of Environmental Science and Policy.

1990-Present: **Faculty Member**, Department of Geography, University of South Florida. Promoted to Associate Professor in 1995 and Full Professor in 2002.

Editorships

2007-Present *The Southeastern Geographer* (Co-Editor with Graham A. Tobin)

Publications

Books

1. Brinkmann, R. (under contract with University of Florida Press). *The Science and Policy of Sinkholes in Florida*.
2. Brinkmann, R. and Tobin, G. 2001. *Urban Sediment Removal: The Science, Policy, and Management of Street Sweeping*. Kluwer Academic Press, 172 p.
3. Grolier, M., Brinkmann, R., and Blakely, J.A. (eds). 1996. *The Wadi al-Jubah Project: Environmental Research in Support of Archaeological Investigations in the Yemen Arab Republic, 1982-1987*. American Foundation for the Study of Man, 469 p.

Refereed Articles

21. Brinkmann, R., Parise, M., Dye, D. Accepted for Publication. Sinkhole distribution in a rapidly developing urban environment: Hillsborough County, Tampa Bay area, Florida. *Engineering Geology*.
20. Fleury, S., Carson, S., and Brinkmann, R. Accepted for Publication. Understanding the distribution of sinkhole occurrences in the Tampa Metropolitan Statistical Area. *Southeastern Geographer*.
19. Goldstein, L. and Brinkmann, R. In Press. The context of the Cemetery at Fort Ross: Multiple Lines of Evidence, Multiple Research Questions. *Pacific Coast Archaeology Society Quarterly*.
18. Brinkmann, R., Wilson, K., Elko, N., Seale, L., Florea, L., Vacher, H. 2007. Sinkhole distribution based on pre-development mapping in urbanized Pinellas County, Florida, USA. *Geological Society of London Special Publications* V. 279, p 5-11. <http://sp.lyellcollection.org/cgi/content/abstract/279/1/5>
17. Seale, L., Florea, L., Vacher, H., Brinkmann, R. 2007. Using ALSM to map sinkholes in the urbanized, covered karst of Pinellas County, Florida—1, methodological consideration. *Environmental Geology*. <http://www.springerlink.com/content/39204086401k4618/>
16. Vacher, H., Seale, L., Florea, L., Brinkmann, R. 2007. Using ALSM to map sinkholes in the urbanized covered karst of Pinellas County, Florida—2, accuracy statistics. *Environmental Geology*. <http://www.springerlink.com/content/180512241747mv85/>
15. Tobin, G. A. and Brinkmann, R. 2002. The Effectiveness of Street Sweepers in Removing Pollutants from Road Surfaces in Florida. *Journal of Environmental Science and Health*. V. 37, p. 1687-1700.

14. Tobin, G.A., Brinkmann, R., and Montz, B.E. 2000. Flooding and the Distribution of Selected Metals in Floodplain Sediments in St. Maries, Idaho. *Environmental Geochemistry and Health*. V. 22, p. 219-232.
13. Brinkmann, R., Montz, B.E., and Tobin, G.A. 2000. Lead Pollution in Flooded and Non-Flooded Areas in St. Maries, Idaho. *Journal of Environmental Science and Health*. V. 35, p. 407-417.
12. Brinkmann, R. and Ryan, J. 1999. Trace Metal Characteristics of Street Sweeping Sediment in Tampa, Florida. *University of Binghamton Department of Geography Occasional Papers*. V. 23, p. 1-16.
11. Reeder, P. and Brinkmann, R. 1998. Paleoenvironmental Reconstruction of an Oligocene-Aged Island Remnant in Florida, USA. *Cave and Karst Science*. V. 25, p. 7-13.
10. Newsome, T., Aranguren, F., and Brinkmann, R. 1997. Lead Contamination Adjacent to Roadways in Trujillo, Venezuela. *Professional Geographer*. V. 49, p. 331-341.
9. Hafen, M. and Brinkmann, R. Analysis of Lead in Soils Adjacent to an Interstate Highway in Tampa, Florida. *Journal of Environmental Geochemistry and Health*. V. 18, p. 171-179.
8. Reeder, P., Alt, E., and Brinkmann, R. 1996. Karstification on the Northern Vaca Plateau, Belize. *The Journal of Cave and Karst Studies*. V. 58, p. 121-130.
7. Brinkmann, R. and Reeder, P. 1995. The Relationship Between Surface Soils and Cave Sediments: An Example from West-Central Florida, USA. *Cave and Karst Science*. V. 22, p. 95-102.
6. Banker, L, Reeder, P, and Brinkmann, R. 1995. A Toposequence of Soils in the Karst of West-Central Florida, USA. *Journal of the Speleological Society of Korea*, V. 42, p. 41-63.
5. Brinkmann, R. and Reeder, P. 1994. The Influence of Sea-Level Change and Geologic Structure on Cave Development in West-Central Florida. *Physical Geography*. V. 15, p. 52-61.
4. Brinkmann, R. 1994. Lead Pollution in Soils in Milwaukee County, Wisconsin. *Journal of Environmental Science and Health*. V. 29, p. 909-920.
3. Dunlap, S. and Brinkmann, R. 1994. The Centro Asturiano Cemetery: An Immigrant Landmark in Twentieth Century Florida. *Gulf Coast Historical Review*. V. 9, p. 68-79.

2. Brinkmann, R. and Deller, H. 1990. Alfred Waud's Wisconsin: Images from the Gilded Age. *Wisconsin Academy Review*. V. 36, p. 3-7.

1. Blakely, J.A., Brinkmann, R., and Vitaliano, C.J. 1989. Pompeian Red Ware: Processing Archaeological Ceramic Data. *Geoarchaeology*. V. 4, p. 201-228.

Articles in Edited Proceedings:

7. Hose, L.D., Brinkmann, R., and Northup, D.E. 2005. The global karst digital portal: An emerging collaboratorium will enhance information exchange among cave and karst managers. In: Rea, G.T., Ed., *2005 National Cave and Karst Management Symposium*, p. 127-131.

6. Brinkmann, R. Seale, L., Wilson, K., and Vacher, L. 2004. Sinkhole Mapping in Pinellas County, Florida: Problems and Solutions. In: Tobin, G.A. and Montz, B. Eds, *Papers and Proceedings of the Applied Geography Conferences*.

5. Brinkmann, R. and Khator, R. 2002. Electronics Waste in the United States—A Review. In: Tobin, G.A. and Montz, B.E., Eds., *Papers and Proceedings of the Applied Geography Conferences*, p. 123-128.

4. Tobin, G.A. and Brinkmann, R. 2000. Lead Pollution in Soils Adjacent to Bus Stops in Tampa, Florida. In: Schoolmaster, F.A., Ed., *Papers and Proceedings of the Applied Geography Conferences*, p. 119-128.

3. Tobin, G.A., Brinkmann, R., and Montz, B.E. 1999. The Impacts of Flooding and Land-Use on the Distribution of Lead in Floodplain Sediments. In: Schoolmaster, F.A., Ed., *Papers and Proceedings of the Applied Geography Conferences*, p. 115-122.

2. Brinkmann, R. and Tobin, G.A. 1999. Geographic Implications of Urban Street Sweeping Protocols: The Need for Further Research. In: Schoolmaster, F.A., Ed., *Papers and Proceedings of the Applied Geography Conferences*, p. 3-10.

1. Brinkmann, R., Happel, S.B., Hagge, J., and Lewis, J. 1997. Comprehensive Mapping of Lead Poisoning and Lead Contamination in Tampa, Florida. In: Aangeenbrug, R.T., Leaverton, P.E., Mason, T.J., and Tobin, G.A., Eds., *Proceedings of the Interantional Symposium on Computer Mapping in Epidemiology and Environmental Health*, p. 237-245.

Book Chapters

9. Tobin, G. A. and Brinkmann, R. 2004. Clean Streets-Clean Waterways: Street Sweeping, Storm-Water Runoff, and Pollution Reduction. In: Janelle, D.G., Warf, B., and Hansen, K., Eds., *WorldMinds: Geographical Perspectives on 100 Problems*. Klewer Academic Press, p. 191-196.
8. Brinkmann, R. 1997. Sinkholes in Florida. In: Oldakowski, R., Molina, L., and Purdum, B., Eds., *Growth Technology, Planning, and Geographic Education in Central Florida: Images and Encounters*, p. 111-116.
7. Brinkmann, R. 1997. Pedological Characteristics of Anthrosols in the al-Jadidah Basin of Wadi al-Jubah, and Native Sediments in Wadi al-Ajwirah, Yemen Arab Republic. In: Grolier, M.J., Brinkmann, R., and Blakely, J.A., Eds., *The Wadi-al Jubah Archaeological Project: Volume 5 Environmental Research in Support of Archaeological Investigations in the Yemen Arab Republic, 1982-1987*. American Foundation for the Study of Man, p. 45-211.
6. Brinkmann, R. 1997. Thermoluminescence Analysis of Anthrosols from the Wadi al-Jubah Area, Yemen Arab Republic. In: Grolier, M.J., Brinkmann, R., and Blakely, J.A., Eds., *The Wadi-al Jubah Archaeological Project: Volume 5 Environmental Research in Support of Archaeological Investigations in the Yemen Arab Republic, 1982-1987*. American Foundation for the Study of Man, p. 213-214.
5. Brinkmann, R. and Ghaleb, A.O., 1997. Late Pleistocene Mollisol and Cumulic Fluvents near Ibb, Yemen Arab Republic. In: Grolier, M.J., Brinkmann, R., and Blakely, J.A., Eds., *The Wadi-al Jubah Archaeological Project: Volume 5 Environmental Research in Support of Archaeological Investigations in the Yemen Arab Republic, 1982-1987*. American Foundation for the Study of Man, p. 251-258.
4. Vitaliano, C. and Brinkmann, R. 1997. Bronze-Age Remains at Kawlah al-Lajamah, Yemen Arab Republic. In: Grolier, M.J., Brinkmann, R., and Blakely, J.A., Eds., *The Wadi-al Jubah Archaeological Project: Volume 5 Environmental Research in Support of Archaeological Investigations in the Yemen Arab Republic, 1982-1987*. American Foundation for the Study of Man, p. 309-329.
3. Blakely, J.A., Brinkmann, R., and Vitalinao, C.J. 1992. Roman Mortaria and Basins from a Sequence at Caesarea: Fabrics and Sources. In: Vann, R.L., Ed., *Analysis and Publicaiton of Ceramics, The Database in Archaeology*. British Archaeological Reports, p. 31-44.

2. Overstreet, W.C., Eidt, R.C., Brinkmann, R., Detra, D.E., and Chao, T.T. 1988. Orientation Survey Using Phosphate Fractionation to Distinguish Anthrosols from Native Sediments in the Wadi al-Jubah Archaeological Area, Yemen Arab Republic. In: Overstreet, W.C., Grolier, M.J., and Toplyn, M.R., Eds., *The Wadi al-Jubah Archaeological Project V. R, Geological and Archaeological Reconnaissance in the Yemen Arab Republic*. American Foundation for the Study of Man, p. 121-154.

1. Bennett, M.E., Bennett, R. J., Blakely, J.A., and Brinkmann, R. 1987. Petrological and Heavy Mineral Analysis of Selected Amphora Fragments. In: Blakely, J.A., Ed., *Caesarea Maritime: The Pottery and Dating of Vault 1: Horreum Mithraeum, and Later Uses*. Edwin Mellen Press, p. 227-248.

Unrefereed Articles

7. Brinkmann, R. 2003. Geologic and Geomorphic Characteristics of the Dames Cave Area, Withlacoochee State Forest, Florida. In: Florea, L.J, Vacher, H.L., and Oches, E.A. *Karst Studies in West Central Florida: USF Seminar in Karst Environments*, p. 103-104.

6. Brinkmann, R., Ryan, J., and Billus, M. 1997. Geochemical Characteristics of Street Sweepings in Tampa, Florida. *Fifth Annual Research Symposium, Florida Center for Solid and Hazardous Waste Management*. Gainesville, FL.

5. Brinkmann, R. and Ryan, J. 1996. Background Concentrations of Metals in Florida Soils. *Fourth Annual Research Symposium, Florida Center for Solid and Hazardous Waste Management*. Gainesville Florida.

4. Brinkmann, R. and Archer, K. 1996. Picturesque West Virginia: A Post-Civil War Geography Revisited. *Eighth Biennial Conference on Appalachian Geography*. Concord, West Virginia.

3. Stewart, M., Terry, J.B., and Brinkmann, R. 1995. Time Series Mapping of Geological and Hydrological Features Related to Subsidence, Pinellas County, Florida. *Proceedings of the GIS/LIS Conference*.

2. Brinkmann, R. and Hauser, C. 1988. The Effect of Quarrying Activities in Berlin, Wisconsin on the Local Community. In: Anonymous, Ed., *Wisconsin and Its Region*. LaCrosse, Wisconsin, p. 234-253.

1. Tellock, P.A.. and Brinkmann, R. 1982. Geology of the Berlin Rhyolite. In: Anonymous, Ed., *14th Annual University of Wisconsin Undergraduate Geology Field Conference Fieldbook*. UW-Oshkosh, 54 p.

Papers or Posters Presented:

International Meetings

Brinkmann, R., Boston, P. J., Chavez, T.A., Northup, D.E., and Veni, G. 2007. Introducing the Karst Information Portal (KIP). International Conference on Karst Hydrology and Ecosystems.

Brinkmann, R. and Parise, M. 2007. Karst Depression Formation and Precipitation in Florida: A Review. European Geosciences Union.

Fleury, E.S. and Brinkmann, R. 2006. A characterization of an epikarst features of the Ozello Karst Plain, Florida. IV International Conference on Climate Change: The Karst Record. Romania.

Brinkmann, R., Parise, M, and Dye, D. 2006. Analysis of Sinkhole Distribution in the Tampa Bay Area, Hillsborough County, Florida. European Geosciences Union, Austria.

Brinkmann, R., Wilson, K., Elko, N., Seale, L., Florea, L., Vacher, H. 2005. Mapping Sinkholes in Urbanized Pinellas County, Florida. European Geosciences Union, Austria.

National Meetings

Brinkmann, R., Chavez, T.A., Klimchouk, A., Northup, D.E., Vacher, H.L, Boston, P.B, Veni, G., Fleury, E.S. 2007. The Karst Information Portal (KIP): Developing a Network of Geographic and Geologic Karst Information. National Speleological Society.

Brinkmann, R., Reeder, P., van Beynen, P. 2007. Characteristics of the Western Edge of the Brooksville Ridge, Florida. Association of American Geographers.

Northup, D.E., Chavez, T.A., Brinkmann, R., Vacher, H.L., Collins, L., van Reenen, J., Boston, P.J., and Veni, G.. 2007. Enhancing Communication and Knowledge Discovery Among Karst Biospeleologists: The Role of the Karst Information Portal (KIP). National Speleological Society.

Brinkmann, R. Hose, L, and Northup, D. 2005. The karst information portal: An emerging collaboratorium. Geological Society of America, Salt Lake City.

Brinkmann, R. 2005. 2004-2005 The Year in Florida Karst. Applied Geography Conference, Washington, D.C.

Brinkmann, R. 2004. Understanding Sinkhole Development in Pinellas Count, Florida: A Complex System of Natural and Unnatural Processes. Association of American Geographers, Philadelphia, PA.

- Brinkmann, R. 2003. Sinkholes of West-Central Florida: The Human Dimension. Geological Society of America, Seattle, WA.
- Brinkmann, R. 2003. Into the Void: Problems with Sinkhole Insurance in Florida. Association of American Geographers, New Orleans, LA.
- Brinkmann, R. and Tobin, G.A., 2002, Variations in Street Sweeping Management and Implications for Storm Water Quality in the United States. Association of American Geographers, Los Angeles, CA.
- Brinkmann, R. and Khator, R. 2002 Electronics Waste in the United States: A Review. Annual Meeting of the Applied Geography Conference, Binghamton, NY.
- Brinkmann, R. and Tobin, G. 2001. Seasonal Variability of Trace Metals in Street Sweeping. Association of American Geography Meeting, New York, NY.
- Brinkmann, R. and Tobin, G. 2000. Lead Hazard: Pollution in Soils Adjacent to Bus Stops in Tampa, Florida. Annual Meeting of the Applied Geography Conference, Tampa, FL.
- Brinkmann, R. and Tobin, G. 2000. Testing Street Sweeper Effectiveness in Reducing Storm Water Pollution in Florida. Association of American Geographers Meeting, Pittsburgh, PA.
- Brinkmann, R. and Tobin, G. 1999. Chemical and Physical Composition of Street Sweeping in Tampa, Florida, Association of American Geographers Meeting.
- Brinkmann, R., Tobin, G., and Montz, B. 1999. Impacts of Flooding on Land-Use Levels in Floodplain Sediments. Annual Meeting of the Applied Geography Conference, Charlotte, NC.
- Brinkmann, R. and Tobin, G. 1998. Street Sweeping as an Environmental Management Tool. Annual Meeting of the Applied Geography Conference.
- Brinkmann, R. Montz, B., and Tobin, G. 1998. Environmental Impacts of Flooding: An Examination of Soil Contamination in a Small Town. Association of American Geographers Meeting.
- Brinkmann, R. and Winoker, J. 1997. Problems with Wetland Soil Classification in Florida. Annual Meeting of the Applied Geography Conference.
- Brinkmann, R. and Ryan, J. 1996. Background Concentrations of Metals in Florida's Wetland Soils. Annual Meeting of the Applied Geography Conference.
- Brinkmann, R. and Garcia, J. 1996. A Soil Toposequence in West-Central Florida. Association of American Geographers.

Newsome, T, Aranguren, F, and Brinkmann, R. 1995. Lead Pollution in Venezuela: Data Sources and Preliminary Research. URISA Conference.

Brinkmann, R. and Goldstein, L. 1995. The Influence of Human Burials on Soil Formation. Association of American Geographers.

Brinkmann, R., Lewis, J., and Hagge, J. 1995. Comprehensive Lead Mapping in Tampa, Florida. International Symposium on Computer Mapping in Epidemiology and Environmental Health.

Brinkmann, R. and Goldstein, L. 1994. Geoarchaeological Techniques and an Historic Russian Cemetery at Fort Ross State Park, Sonoma County, California. Association of American Geographers.

Happel, S.B. and Brinkmann, R. 1994. Socioeconomic Status and Quality of Living Environment in Tampa, Florida. Association of American Geographers.

Brinkmann, R. 1993. Lead Pollution in the Sunbelt. Mapping Lead Exposure Workshop, URISA.

Brinkmann, R and Bennett, W.J. 1993. Soil Erosion and the Archaeological Record in the Plumas National Forest, California. Association of American Geographers.

Brinkmann, R. 1992. Lead Pollution in Soils Adjacent to Homes in Tampa, Florida. Association of American Geographers.

Brinkmann, R. 1991. The Human Factor in Soils Systems Analysis. Association of American Geographers.

Brinkmann, R. 1990. Salinity in Ancient Agricultural Anthrosols of South Arabia. Association of American Geographers.

Brinkmann, R. 1989. Anthrosols of Wadi al-Jubah, Yemen Arab Republic. National Meeting of the American Schools of Oriental Research.

Brinkmann, R. 1989. Lead Pollution in Soils of Milwaukee County. Association of American Geographers.

Brinkmann, R. 1985. Lead Pollution in Northern Milwaukee County Urban Soils. American Society of Agronomy.

Brinkmann, R. 1985. Lead Pollution Within the Soils of Northern Milwaukee County. National Council of Geographic Education.

Regional Meetings:

Brinkmann, R. and Hafen, M. 2004. Understanding the Distribution of Florida Sinkholes. Florida Society of Geographers.

Brinkmann, R. and Goldstein, L. 2001. The Eastern Mound Group at Aztalan: Rethinking Barrett's Interpretation. Presented at the Midwest Archaeological Society Annual Meeting.

Goldstein, L. and Brinkmann, R. 2001. A Mississippian Sculptuary: Processing Pits and Sculpted Surfaces South of the Northwest Pyramidal Mound. Presented at the Midwest Archaeological Society Annual Meeting.

Brinkmann, R. and Reeder, P. 1997. Cave Sediments and Environmental History. Presented at the Annual Meeting of the Florida Society of Geographers.

Brinkmann, R. and Ryan, J. 1996. Background Concentrations of Metals in Florida Soils. Presented at a Symposium Sponsored by the Florida Center for Solid and Hazardous Waste Management.

Brinkmann, R. and Archer, K. 1996. Picturesque West Virginia: A Post Civil War Geography Revisited. Presented at the Eighth Biennial Conference on Appalachian Geography.

Ingham, M. and Brinkmann, R. 1995. Defining the Bog Region of the Allegheny Mountains of West Virginia. Presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers.

Brinkmann, R. and Reeder, P. 1994. Sedimentation and Environmental History in Peace Sign Cave, West-Central Florida. Presented at the Annual Meeting of the Florida Society of Geographers.

Brinkmann, R. and Reeder, P. 1993. Caves and Cave Formation in a Portion of the Withlacoochee State Forest, Florida. Presented at the Annual Meeting of the Florida Society of Geographers.

Brinkmann, R. 1992. Systems Science, Globalism, and the Environmental Paradigm. Presented at the Annual Meeting of the International Studies Association-South.

Brinkmann, R. 1989. Lead Pollution in Soils Around Urban Homes. Presented at the Association of American Geographers West Lakes Division and the Wisconsin Geographical Society Joint Annual Meeting.

Brinkmann, R. 1989. The Distribution of Lead in Soil. Presented at the UW-Milwaukee Sigma Xi Mini-Symposium on Science.

Brinkmann, R. 1989. Environmental Contamination as a Social Issue: The Example of Lead Pollution. Presented at the Wisconsin Council for the Social Studies.

Brinkmann R. 1988. Distribution of Lead Contamination: An Example from Southeastern Wisconsin. Presented at the Wisconsin Council for Geographic Education.

Brinkmann R. 1988. The Effect of Quarrying Activities in Berlin Wisconsin on the Local Community. Presented at the Wisconsin and Its Region Conference.

Guest Lectures:

Brinkmann, R. 2006. Policy Issues in Karst in Florida. University of Helsinki.

Brinkmann, R. 2006. Policy Issues in Karst in Florida. University of Riga.

Brinkmann, R. 2003. Chemical Geography: The Example of Street Sweeping. Presented at the National Science Foundation.

Brinkmann, R. and Tobin, G. 1999. USF and FDOT Sponsored Research. Presented at the Tampa Bay Regional Planning Council.

Brinkmann, R. 1999. Street Sweeping Issues in Environmental Science. University of Nebraska, Omaha Department of Geology and Geography Lecture Series.

Brinkmann, R. 1997. Geochemical Characteristics of Street Sweepings in Florida. University of South Florida Environmental Science and Policy Colloquium.

Brinkmann, R. 1996. A Toposequence in West Central Florida. Valdosta State University.

Brinkmann, R. 1995. Lead Contamination and Socio-Economic Class. USF Institute on Black Life.

Brinkmann, R. 1994. The Yemen. Presented at the Teach-In on Yemen, University of South Florida.

Brinkmann, R. 1993. Unfolding the Mysteries of Ancient South Arabia. Valdosta State University.

Brinkmann, R. 1992. Soils and Geomorphology of the Northern California Coastline. University of California-Berkeley Archaeology Field School.

Brinkmann, R. 1991. Geomorphology of Western Sonoma County, California. University of California-Berkeley Archaeology Field School.

Brinkmann, R. 1991. Soils of Fort Ross, California. University of Wisconsin-Milwaukee Archaeology Field School.

Brinkmann, R. 1989. Lead Pollution in soils of Milwaukee County. University of South Florida Department of Geography Colloquium.

Courses Taught in the Last 18 Years:

Graduate Courses

Ph.D. Seminar in Natural Environments
Graduate Seminar on Florida Environments
Graduate Seminar on Pollution
Graduate Soil Seminar
Graduate Landscape Seminar

Undergraduate Courses

Earth Systems Science
World Regional Geography
Geography of Current Events
Environmental Science and Policy Senior Seminar
Field Methods (Field trips around Florida, California, Venezuela)
Geography Senior Seminar
Introduction to Physical Geography
Geomorphology
Hydrology
Soil Genesis and Classification
Advanced Geomorphology

Awards:

2002 Promotion to Full Professor of Geography, University of South Florida

1995 Tenure and Promotion to Associate Professor of Geography, University of South Florida

1994 University of South Florida Undergraduate Teaching Incentive Award

1993 University of South Florida Outstanding Undergraduate Teaching Award

Past and Present Associations:

Association of American Geographers
Florida Society of Geographers
Sigma Xi
Society for Environmental Geochemistry and Health
Soil Science Society of America
National Speleological Society
Geological Society of America

Elected Professional Service Offices Held:

Past Chair, Water Resources Specialty Group of the Association of American Geographers, 2002-2004.

Chair, Water Resources Specialty Group of the Association of American Geographers, 2000-2002

Secretary Treasurer, Water Resources Specialty Group of the Association of American Geographers, 1998-2000

Board Member, Florida Geographical Society, 1991-1993

Vice President, Wisconsin Geographical Society, 1988-1990

Committee and Council Memberships:

Chair's Advisory Council, USF, 2006-present

Council of Associate Deans, USF, 2003-2004

NES Building Committee, USF, 2002

College of Arts and Sciences, USF, Tenure and Promotion Committee, 2000-2001

Task Force on Environmental Studies and Applications, USF, Co-Chair, 1998-2000

College of Arts and Sciences, USF, Diversity Committee, 1994-2000

College of Arts and Sciences, USF, Advisory Council, 1998-2000

Department of Environmental Science Search Committees, USF, 2000

Department of Geography Search Committees, USF, 1990; 1993-2000 (Chaired Several Committees)

Department of Anthropology Search Committee, USF, 1995-1996

Department of Geography Graduate Affairs Committee, USF, 1996-1999 (Chair)

Department of Geography Undergraduate Affairs Committee, USF, 1991-1995

USF Publications Council, USF, 1995-1998

USF Middle East Studies Committee, USF, 1993-1996

College of Arts and Sciences Teaching Incentive Review Committee, USF, 1994-1995 (Chair)

College of Arts and Sciences Environmental Science Curriculum Committee, USF, 1993-1994

College of Arts and Sciences Environmental Sciences Building Committee, USF, 1991

Association of American Geographers Annual Meeting Program Committee, USF, 1990

Grants Received (for a list of grants applied for, but not received, please contact R. Brinkmann).

Brinkmann, R. 2006. Water Quality Management at the Bill Young Reservoir. Veolia Water. \$10,000.

Brinkmann, R. 2005. Water Quality Assessment at the Bill Young Reservoir. Veolia Water. \$44,644.

Brinkmann, R., Vacher, H.L. 2003. Geographic Assessment of Karst Surface Features and Wetlands in Pinellas County, Florida. Pinellas County, Florida. \$43,198.

Pichler, T. and Brinkmann, R. 2000. Arsenic and Golf Courses in Tampa, Florida. Community Initiative Grant, University of South Florida. \$18,000.

Brinkmann, R. and Tobin, G. 1999. Lead Pollution Adjacent to Bus Stops in Tampa, Florida. Faculty Development Grant, College of Arts and Sciences. \$1500.

Brinkmann, R. and Tobin, G. 1998-2001. Testing Street Sweeping Protocols. Florida Department of Transportation. \$368,000.

Tobin, G., Montz, B., and Brinkmann, R. 1997-2001. Environmental Impact and Flooding: Relationships Between Land Use and Soil Contamination. National Hazards Institute. \$2990.

Brinkmann, R. and Ryan, J. 1997. Characteristics of Street Sweepings in Florida. Florida Center for Solid and Hazardous Waste Management. \$20,000.

Tobin, G. and Brinkmann, R. 1997. Environmental Impacts and Flooding: A Preliminary Investigation for Modeling Rural Flooding and Soil Contamination. USF Research and Creative Scholarship Grant. \$7350.

Brinkmann, R. and Ryan, J. 1996. Background Concentrations of Metals in Florida Soils. Florida Center for Solid and Hazardous Waste Management. \$20,000.

Brinkmann, R. and Lindberg, M.B. 1994. Statewide Analysis of Local Government Comprehensive Plan Future Land Use Elements. Center for Urban Transportation Research. \$7000.

Aangeenbrug, R.T., Stewart, M.T. and Brinkmann, R. 1993. Time-Series Mapping of Geologic and Hydrologic Features Related to Subsidence-Induced Foundation Failures, Pinellas County, Florida. Pinellas County, Florida. \$51,934.

Aangeenbrug, R.T., Brinkmann, R., Lindberg, M. and Benenson, J. 1991. An Atlas of Coastal Sediment Contamination in Florida. \$22,000.

Brinkmann, R. 1991. Analysis of Lead Pollution Data in Soils of Tampa, Florida. Association of American Geographers. \$500.

Brinkmann, R. 1990. Analysis of Lead Pollution in Soils of Tampa, Florida. University of South Florida Research and Creative Scholarship Grant. \$5834.

Brinkmann R. 1990. Workshop on Geoarchaeology. Undergraduate Teaching Improvement Council. \$500.

Master's Theses Supervised (Completed Students Only):

23. Denara Manning (with Melissa Grigione). 2007. A Comparative Ecological Study of Coyotes in a Protected and Urban Habitat, Pinellas County, Florida.

22. Pamela Fetterman. 2007. A GIS-Based Approach to Evaluating Changes in Wetland Areal Extent and Structure Between 1926 and 1999 for Selected Hydrological Sub-Basins in Pinellas County, Florida.

21. Sarah Koenig. 2007. Mapping Land Use Change as a Result of Mining in the Alafia Drainage Basin, Florida.

20. Daniel Dye. 2006. Monitoring and Modeling Water Quality at the C.W. Young Regional Reservoir.
19. Liesl Wiesen (with Graham Tobin). 2006. Blood Lead Concentrations in the Cat Population of Tampa, Florida.
18. Matthew Moore. 2002. Physical Composition of Residential Street Sweeping in Tampa Florida.
17. Monica Palseanu (with Jeff Ryan). 2001. Metal Contamination of Baia Mare Soils, Northern Romania.
16. John Barco (with Graham Tobin). 2001. Soil Geomorphology of a Portion of the Brooksville Ridge, Florida.
15. Mark Billus. 1999. Investigation into the Application of Street Sweeping Waste as a Soil Ammendment.
14. Melanie Harris. 1999. Biomass Change Analysis of Florida's Big Bend Coastal Marsh Using a 20-Year Landsat Digital Imagery Series.
13. Dean Cox. 1999. Delineation and Description of Tidal Flooding and Soil Wetness Effects on Normalized Difference Vegetation Index Values in a South Carolina Estuarine Marsh.
12. Gitfah Niles. 1998. Hillsborough County: Changes in Agricultural Land Use and the Implications for Maintaining Soil Sustainability and Future Agricultural Productivity.
11. Donald DePra. 1998. The Temporal and Spatial Relationship of Gopher Tortoise Burrows with Soils, Canopy, and Microtopography.
10. Carol Kilbourne. 1998. Lead Contamination of School Yards in Trujillo City, Venezuela.
9. Phyllis Lewis. 1998. The Distribution of Lead in a Portion of Port Tampa City.
8. Keiko Verrier. 1988. Wetlands in an Urban Landscape: Changes of Wetland in the Brooker Creek Area, Florida.
7. Greg Ferrara. 1997. The Contribution of Tree Canopy Cover to Residential Property Values in Tampa, Florida.
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5. Mary Ingham. 1996. The Bog Region of the Allegheny Mountains of West Virginia.
4. Silvia Powell. 1996. Down the Hatchee: An Historical Geography of Southwest Florida.
3. Shelly Happel. 1995. The Spatial Distribution of Lead in Soil in Three Differing Socio-Economic Neighborhoods in Tampa, Florida.
2. Erica Morin. 1994. Evapotranspiration and the Efficacy of Xeriscape Development on the University of South Florida Campus.
1. Mark Hafen. 1992. Analysis of Lead in Soils Adjacent to Interstate 275 in Tampa, Florida.

Ph.D. Students Supervised (Completed Students Only):

1. E. Spencer Fleury. 2007. Land Use Policy and Practice in Karst Terrain.

Ph.D. Students currently under supervision: Amanda Gilleland (co-advisor with Graham Tobin), George Kish

Master's Students currently under supervision: Sarah Clavio (with Melissa Grigione), Monica Exner, Sandra Kling, Naimish Upadhyay.