

## Michael David Walls

500 W. 3<sup>rd</sup> ST  
Lexington, KY 40508  
USA

859-402-6978  
[mwalls@insightbb.com](mailto:mwalls@insightbb.com)  
[mike.walls@we-inc.com](mailto:mike.walls@we-inc.com)

### EDUCATION

- 2007–Present* PhD Student, Department of Geography, University of Kentucky
- 2007* MA in Geography, University of Kentucky
- 1989* A.S., Computer Science, State Technical Institute at Memphis (Magna Cum Laude).
- 1979* M.P.A., Public Administration, University of Mississippi.
- 1977* B.A., Anthropology, Mississippi State University.

### Research Interests

GIS theory and applications, urban/regional planning, public policy, historical, cultural, software engineering, data architecture, social theory

### Publications

Baynham, Paul and Walls, Michael D. (2003) FGDC Metadata and Oracle Spatial Data Integration. **Proceedings, Data Management Association (DAMA) 2003 International Conference**, April 30 2003.

Lovely, Janette, Michael D. Walls, Jim Fries. (2004) Quality Assurance Tools for Checking Street Centerline Addresses. **Proceedings, URISA Street Smart and Address Savvy Conference**, August 31, 2004.

Lovely, Janette, Michael D. Walls, Jim Fries. (2003) Techniques and Challenges of Address Geocoding in Areas with Limited Source Data. **Conference Proceedings, Fifth Annual URISA Street Smart and Address Savvy Conference, August 17-20, 2003**. PP. 98-107.

Phillips, Jonathan D. and Michael D. Walls. (2004) Flow Partitioning and Unstable Divergence in Fluviokarst Evolution in Central Kentucky. **Nonlinear Processes in Geophysics** 11:371-381.

Walls, Michael D. (2008) Addressing for Utility Services. **Conference Proceedings, 3rd Annual Geospatial Integration for Public Safety Conference, April 7 -10 2008**. PP. 934 – 947.

Walls, Michael D. (2007) **Data Modeling**. 2<sup>nd</sup>, Revised Edition. URISA Quick Study Series. Park Ridge, IL: Urban and Regional Information Systems Association.

Walls, Michael D. (2006) Database Design for Managing Address Data. **Conference Proceedings, 1st Annual Geospatial Integration for Public Safety Conference, April 10-12, 2006**. PP. 51 – 68.

Walls, Michael D. (2005) A Brief History of Addressing Practices. **Conference Proceedings, Sixth Annual URISA Street Smart and Address Savvy Conference, ???**. PP. ??.

Walls, Michael D. (2004) A Rules Catalog for Address and Centerline Verification. **Sixth Annual URISA Street Smart and Address Savvy Conference, St. Louis, MO, August 31, 2004**.

Walls, Michael D. (2004) Designing a Multiperspective GIS Data Resource. **Proceedings of the Third Annual Public Participation GIS Conference, Madison WI, July 18, 2004**. Chicago, IL: URISA.

Walls, Michael D. (2003) Is Consistency in Address Assignment Still Needed? **Conference Proceedings, Fifth Annual URISA Street Smart and Address Savvy Conference, August 17-20, 2003**. PP. 181-190.

Walls, Michael D. (2003) Orientation to GIS and Geospatial Data Management. **Proceedings, Data Management Association (DAMA) 2003 International Conference, April 27 2003**.

Walls, Michael D. (2003). The Purpose of the Address. IN Nancy von Meyer, ed. **Addressing for Emergencies**. Chicago, IL: URISA. PP. 1-15.

Walls, Michael D. (2002) Tools for Modeling Complexity, The Street Network Example. **Conference Proceedings, Fourth Annual URISA Street Smart and Address Savvy Conference, August 11-13 2002**. PP. 61-73.

Walls, Michael D. (2002) What's So Spatial About Spatial Data -- Integrating Geospatial Data Into The Enterprise Data Resource. **Proceedings, Data Management Association (DAMA) 2002 International Conference, April 30 2002**.

Walls, Michael D. (2002) Tools for Modeling Complexity, The Street Network Example. **Conference Proceedings, Fourth Annual URISA Street Smart and Address Savvy Conference, August 11-13 2002**. PP. 61-73.

Walls, Michael D. (2001) Centering the Line -- Representing Streets in the Geospatial Database. **Proceedings of URISA Street Smart and Address Savvy Conference 2001**. Park Ridge, IL: Urban and Regional Information Systems Association.

Walls, Michael D. (2000) The Object of the Address. **Proceedings of URISA Street Smart and Address Savvy Conference 2000**. Park Ridge, IL: Urban and Regional Information Systems Association. PP. 117-130.

Walls, Michael D. (1999) **Data Modeling**. URISA Quick Study Series. Park Ridge, IL: Urban and Regional Information Systems Association.

## **Non-Academic Work Experience**

*2007-Present* Senior IT Consultant – Data Architecture  
Westin Engineering, Inc., Atlanta, Georgia

*2005-2007* Senior Data Architect

- Atos Origin, Inc., Cincinnati, Ohio.
- 1996-2005* Executive Consultant (1998-2005)  
Senior Systems Analyst (1996-1998)  
PlanGraphics, Inc., Frankfort, Kentucky.
- 1993-1995* GIS Manager, Information Services Department, Lower Colorado River Authority, Austin, Texas.
- 1989-1993* (Acting) Manager, Automation Services (1992-1993)  
Principal Planner, Applications Development (1989-1993)  
City of Austin (TX) Department of Planning and Development.
- 1980-1989* Principal Research Analyst (1983-1989)  
Principal Policy Analyst (1980-1983)  
Memphis-Shelby County (TN) Office of Planning and Development.
- 1979* Assistant Director, Northwest Mississippi Teacher Center (Internship for Master's degree).
- 1977-1979* Research Analyst, Bureau of Educational Research, University of Mississippi.
- 1974-1977* Director of Planning (1975-1977)  
Tribal Planner/Traffic Safety Director (1974-1975)  
Mississippi Band of Choctaw Indians.

### **Professional Certifications**

American Institute of Certified Planners (AICP)

Project Management Professional (PMP)

GIS Professional (GISP)