

RICHARD E. KLOSTERMAN

Current Positions:

President, What if?, Inc.
Hudson, Ohio

Professor Emeritus, Geography, Planning and Urban Studies
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Education:

Ph.D. City and Regional Planning, Cornell University: 1976
B.S. Civil Engineering, Purdue University: 1969

Honors and Distinctions:

Fulbright Senior Specialist, International Islamic University Malaysia, 2005
Visiting Professor, International Islamic University Malaysia, 2004-2005
Distinguished Visiting Scholar, Rutgers University: 1998
Visiting Fellow, University of Hong Kong: 1994
Visiting Professor, University of Illinois at Urbana-Champaign: 1993
Visiting Scholar, Massachusetts Institute of Technology: 1990

Books:

Planning Support System: Integrating Geographic Information Systems, Models and Visualization Tools. Redlands, CA: Environmental Systems Research Institute and New Brunswick, NJ: Center for Urban Policy Research, 2001 (Edited with Richard K. Brail).

Spreadsheet Models for Urban and Regional Analysis.
New Brunswick, NJ: Center for Urban Policy Research, 1994
(Edited with Richard K. Brail and Earl G. Bossard).

Community Analysis and Planning Techniques.
Savage, MD: Rowman and Littlefield, 1990.

Selected Publications:

Lessons learned about planning: Forecasting, Participation and technology. *Journal of the American Planning Association* 79: 2 (2013): 161-169.

Commentary: Simple and complex models. *Environment and Planning B: Planning and Design* 39 (2012):1-6.

Planning Theory Education: A Thirty-Year Review. *Journal of Planning Education and Research* 31:3 (2011): 319-331.

Pettit, Christopher J., Richard E. Klosterman, Marcos Nino-Ruiz, Ivo Widjaja, Patrizia Russo, Martin Tomko, Richard Sinnot, and Robert Stimson. 2013. The online What if? planning support system. In *Planning support systems for sustainable urban development*, edited by S. Geertman, F. Toppen and J. Stillwell. Heidelberg: Springer-Verlag.

A New Tool for a New Planning: The What if?TM Planning Support System. In *Planning Support Systems for Cities and Regions*. Richard K. Brail, ed. Cambridge, MA: Lincoln Institute of Land Policy, 2008, pp. 85-99.

Comment on Drummond and French: Another View of the Future of GIS. *Journal of the American Planning Association* 74:2 (Spring 2008): 174-176.

Deliberating About the Future. In Lewis D. Hopkins and Marisa A. Zapata, eds. *Engaging the Future: Forecasts, Scenarios, Plans and Projects*. Cambridge, MA: Lincoln Institute for Land Policy, 2007.

Asgary, A., Klosterman, R. and A Razani. Sustainable Urban Growth Management Using What if? *International Journal of Environmental Research*. 1:3 (2007): 218-230.

Klosterman, Richard E., Loren Siebert, Jung-Wook Kim, Mohammed Ahmadul Hoque, and Aziza Parveen. What if? Evaluation of Growth Management Strategies for a Declining Region. *International Journal of Environmental Technology and Management*. 6: 1/2 (2006): 79-95.

Guest editorial: An update on planning support systems. *Environment and Planning, B* 32:4 (July 2005): 477-484 (with Christopher J. Pettit)

Using an Operational Planning Support System to Evaluate Farmland Preservation Policies. In *Planning Support Systems in Practice*, Stan Geertman and John Stillwell, eds. Heidelberg: Springer, 2002. (With Loren Siebert, Mohammed Ahmadul Hoque, Jung-wook Kim and Aziza Parveen).

Planning in an Information Age. In Frank So, Charles Hoch and Linda Dalton, eds. *The Practice of Local Government Planning, Third Edition*. Washington, DC: International City Management Association, 2000.

GIS and Mapping: Pitfalls for Planners. *Journal of the American Planning Association* 66 (2000): 189-198 (with Robert B. Kent).

The What if? Collaborative Planning Support System. *Environment and Planning, B: Planning and Design*. 26 (1999): 393-408.

Planning Support Systems: A New Perspective of Computer-Aided Planning. *Journal of Planning Education and Research* 17 (1997): 45-54.

Guest Editor: Large-Scale Urban Models: Retrospect and Prospect. *Journal of the American Planning Association*. 60 (1994): 3-44.

Evolving Views of Computer-Aided Planning. *Journal of Planning Literature* 6 (1992): 249-260.

Politics of Computer-Aided Planning. *Town Planning Review* 58 (1987): 441-452.

Arguments For and Against Planning. *Town Planning Review* 56 (1985): 5-20.

Fact and Value in Planning. *Journal of the American Planning Association* 49 (1983) 216-225.

A Public Interest Criterion. *Journal of the American Planning Association* 46 (1980) 323-333.

Foundations for Normative Planning. *Journal of the American Institute of Planners* 44 (1978): 37-46.

Selected Funded Research:

Prototype System for Using Remote Sensing and GIS to Project Farmland Loss in Ohio. U.S. Geological Survey/OhioView, 2001, \$23,000.

Implementing the Physical Development Component of the Place-based Web Portal. Fannie Mae Foundation, 2000. \$55,000

Northeast Ohio Urban Growth Monitoring and Modeling Prototype/OhioView Consortium. NASA Glen Research Center. 1999. \$105,000 (With Loren Siebert)

High Performance Connection to vBNS. National Science Foundation, 1999. \$153,980
(With Steven Myers and others)

Development of a Community-accessible Urban Sprawl Impact Assessment System in
Northeast Ohio 15-county Region for the EMPACT Project. U.S. Environmental
Protection Agency, 1998. \$80,000 (With Jay Lee and Mark Salling).

Development of a Spatial Urban Residential Land Use and Population Growth Model.
Ohio Urban University Program, \$48,000 (With Jay Lee and Mark Salling)

Ohio's Geographic Information Systems Network: A Research and Public Policy
Technology for the 21st Century. Ohio Board of Regents, 1996. University of Akron
share \$122,222 (with eight other Universities).

Editorial Positions:

Computer Reports Editor, *Journal of the American Planning Association*: 1985 to 1998

Editor, *InfoTEXT*: 1988 to 1995

North American Editor, *Computers, Environment and Urban Systems*: 1997 to 2000

Associate Editor, *Computers, Environment and Urban Systems*: 1992 to 1997.

Editorial Boards:

Environment and Planning, B, 1988 to 2000.

Journal of the American Planning Association, 1983 to 2004

Journal of the Urban and Regional Information Systems Association, 1988 to
Present

Journal of Planning Education and Research, 1998 to Present

Planning Theory and Practice, 2000 to Present