

## MARK D. BJELLAND

**Address:** Geography Department  
Gustavus Adolphus College  
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**Position:** Associate Professor and Department Chair

### Education:

- Ph.D. Geography, University of Minnesota, Minneapolis, MN, 2000  
Dissertation: Recycling the Industrial City: Brownfield Site Cleanup and Redevelopment in Minneapolis-St. Paul and Vancouver, B.C.
- MCS Interdisciplinary Studies, Regent College, Vancouver, B.C., 1995  
Comprehensive Examination: Environment, Technology, and Theology
- M.S. Civil Engineering, University of Washington, Seattle, WA, 1989  
Area: Environmental Engineering and Science  
Thesis: Kinetics of Methanotrophic Biodegradation of Chlorinated Aliphatic Hydrocarbons
- BCE Civil Engineering, University of Minnesota, Minneapolis, MN 1986  
Area: Water Resources and Environmental Engineering

### Other Academic Positions

- 2004-2005 Visiting Fulbright Scholar, School of City and Regional Planning, Cardiff University, Wales, U.K.
- 2003 Seminar Leader, Calvin College, Summer Seminars in Christian Scholarship. Course: "Christian Environmentalism With/Out Boundaries"
- 2002 Visiting Scholar, Department of Geography, University of British Columbia
- 1997 Instructor, Urban Studies Program, University of Minnesota

### Professional Experience

- 2003 Brownfields Policy Expert in Residence, Brantford, Ontario
- 1993-94, 96 Environmental Engineering Project Manager, Golder Associates Ltd., Vancouver, B.C.

1988-92 Environmental Engineer  
Barr Engineering Company, Bloomington, MN

**Publications:**

Bjelland, M., Cowger, L, Maley, M., and Barajas, L. Forthcoming 2006. The Quest for Authentic Place? The Production of Suburban Alternatives in Minnesota's St. Croix River Valley, *Urban Geography*.

Bjelland, M. Forthcoming 2006. Faith, Social Justice and Service Learning in Environmental Studies: The Struggle for Integration. In *Spirit of Service*, Brian Johnson and Carolyn O'Grady, eds. Boston, MA: Anker Publishing.

Bjelland, M. 2006. The Homes Where We Live. In *Living the Good Life on God's Good Earth*, Grand Rapids, MI: CRC Publications.

Wood, J., Curry, J., Bouma-Prediger, S., Bjelland, M., and Bratton, S. 2005. Christian Environmentalism: Cosmos, Community and Place, *Perspectives on Science and Christian Faith*, Vol. 57, No. 1, 1-5.

Bjelland, M. 2005. Called to Completion. *The Cresset: A Review of Literature, The Arts, and Public Affairs*, Easter.

Bjelland, M. 2004. Brownfield Sites in Minneapolis-St. Paul: The Interwoven Geographies of Industrial Disinvestment and Environmental Contamination. *Urban Geography*, Vol. 25, No. 7, 589-630.

Bjelland, M. 2004. A Place for Geography in the Liberal Arts College? *The Professional Geographer*, Vol. 56, No. 3, 326-336.

Bjelland, M. 2004. Reclaiming Brownfield Sites: From Toxic Legacies to Sustainable Communities. In *WorldMinds: Geographic Perspectives on 100 Problems*, D. Janelle, B. Warf, and K. Hanson eds., Boston: Kluwer Academic Publishers.

Bjelland, M. 2003. Land-Use Planning and the Quest for Shalom. *Journal of Lutheran Ethics*. Vol. 3, No. 10.

Bjelland, M. 2002. Until Justice and Stewardship Embrace: Or, How a Geographer Thinks About Brownfield Sites. *Christian Scholar's Review*, Vol. 31, No. 4, 393-412.

Bjelland, M. 2000. Brownfield Sites: Causes, Effects, and Solutions. *Center for Urban and Regional Affairs Reporter*, Vol. 30, No. 1, 1-10.

Bjelland, M., 1999. *Thinking Regionally: Justice, Nature and City Planning*, Crossroads Monograph Series on Faith and Public Policy, No. 29, Wynnewood, PA, 66 pp.

Bjelland, M. 1997. Reusing the Arsenal: How the University Was Involved in the Planning Process. *Center for Urban and Regional Affairs Reporter*; Vol. 27, No. 2, 17-23.

Bjelland, M. 1997. Metropolitan Growth and Local Government Finances,” in *Sustainable Metropolitan Growth: The Transportation-Land Use Connection, Report No. 1: The Role of Housing Markets, Regulatory Frameworks, and Local Government Finance*, Adams, J. S. and VanDrasek, B. J. eds., prepared for the Minnesota Department of Transportation, University of Minnesota Center for Transportation Studies, and the Metropolitan Council.

Strand, S., M. Bjelland, and H. D. Stensel. 1990. Kinetics of Chlorinated Hydrocarbon Degradation by Suspended Cultures of Methane-Oxidizing Bacteria. *Research Journal of the Water Pollution Control Federation*, Vol. 62, pp. 124-129.

Strand, S., R. Seamons, M. Bjelland, and H. D. Stensel. 1988. Competitive Kinetics of Methane-Oxidizing Biofilms for Degradation of Toxic Organics. *Water, Science and Technology*, Vol. 20, No. 11/12, pp. 167-173.

Chiesa, S. and M. Bjelland. 1988. Plastics in the Waste Stream: Potential Problems and Management Alternatives. *Center for Urban and Regional Affairs Reporter*, Vol. 18, No. 2, 7-11.

Chiesa, S. C., J. Postiglione, and M. Bjelland, 1987. Effects of Variable Influent Loading on Biological Phosphorus Removal. *American Society of Civil Engineers Journal of Environmental Engineering*, Vol. 113, No. 5, pp. 1058-1073.

#### **Recent Conference Presentations:**

2005. London’s Greenwich Millennium Village: A Template for Sustainable Brownfields Regeneration?” Association of European Schools of Planning Annual Conference, Vienna, Austria. July 12.

2005. Brownfields, Globalization, and the Livable City. Nordic Geographers Meeting, Lund, Sweden, May 12.

2004. The Quest for Authentic Place: The Production of Suburban Alternatives in Minnesota’s St. Croix Valley, Annual Meeting of the Association of American Geographers, Philadelphia, PA.

2003. Environmental Sustainability Indicators Applied to Rural Cluster and New Urbanist Development Projects. Annual Meeting of the Association of American Geographers, New Orleans, LA.

2003. The Status of Geography in Liberal Arts Colleges. Annual Meeting of the Association of American Geographers, New Orleans, LA.

2002. How Green is Smart Growth? West Lakes Regional Meeting of the Association of American Geographers, Minneapolis, MN.

2002. A Place for Geography in the Liberal Arts College? Annual Meeting of the Association of American Geographers, Los Angeles, CA.

2001. Competing Agendas and Diverse Needs: A Geographical Framework for Evaluating Brownfield Site Restoration Projects. Annual Meeting of the Association of American Geographers, New York, NY.

2000. Minneapolis' Bassett's Creek: A Century of Civil Engineering and Social Engineering, Annual Meeting of the Association of American Geographers, Pittsburgh, PA.

**Recent Invited Academic Lectures:**

2005. Stumbling Towards Sustainability: Smart Growth and the American Dream. Cardiff University, School of City and Regional Planning, Planning Research Seminar.

2005. Brownfields and the Janus-Faced Spaces of Globalization. Cities Programme, London School of Economics.

2005. Urban Planning in the USA. Cardiff University, School of City and Regional Planning, International Planning Seminar Series.

2005. Challenges of Rural Sustainability in the Corn Belt, Cardiff University, School of City and Regional Planning, Sustainability in Practice Graduate Seminar.

2003. Urban and Environmental Planning in Post-Reunification Germany. Minnesota State University-Mankato, Geography Colloquium, Mankato, MN.

2003. Brownfields and Watershed Health. Wilfred Laurier University-Brantford, Brantford, Ontario.

2001. Valuing Groundwater: The Confluence of Science, Society, and Ethics. Minnesota Groundwater Association Annual Conference, Saint Paul, MN.

2001. Urban Stream Restoration: Tales From the Twin Cities. Minnesota State University-Mankato, Geography Colloquium, Mankato, MN.

1998. Brownfields, Deindustrialization, and Metropolitan Planning. Augsburg College, Urban Studies Seminar, Minneapolis, MN.

**Recent Public Speaking:**

2006. One World, Many Peoples: Theology, Geography, and the Problem of the One and the Many, Graduate Christian Fellowship, University of Minnesota, Minneapolis, MN

2005. Hurricanes and Natural Hazard Vulnerability, Partners in Education Forum, St. James Lutheran Church, Burnsville, MN

2005. Three Rival Versions of the British Urban Future, Faculty Forum, Gustavus Adolphus College, St. Peter, MN

2005. What's Natural About Natural Disasters in New Orleans? Hurricane Katrina Teach-In, Gustavus Adolphus College, St. Peter, MN

2003. The Brownfield Challenge in Brantford. Kiwanis Club, Brantford, Ontario.
2003. Brownfield Sites: Challenges and Opportunities. Rotary Club, Brantford, Ontario.
2002. The Triune Creator and the Ecological Complaint Against Christianity. University of Minnesota Graduate Christian Fellowship, Minneapolis, MN.
- 2001, 2002. Chapel Homilist. Gustavus Adolphus College.
2000. Guest on Twin Cities Viewpoints radio program, KQQL-FM, Minneapolis, MN.
2000. What Does Social Justice Have to Do With Environmentalism? Gustavus Adolphus College Controversy Speaker Series.

### **Community Service**

- Member, Project Advisory Committee, U.S. Highway 169 in St. Peter, MN Preliminary Highway and Landscape Design, (2006)
- Member, City Planning Commission, Saint Peter, MN, (2002-present, Chair 2006-present)
- Member, Historic Preservation Commission, Saint Peter, MN, (2000-2002)
- Board Member, Neighborhood Transportation Network, Minneapolis, (1990-91)

### **Memberships and Professional Registration**

- Association of American Geographers  
    Urban Geography Specialty Group  
    Water Resources Specialty Group  
    Canadian Studies Specialty Group
- International Water Resources Association
- Minnesota Geographic Information Systems/Land Information Systems Consortium
- Professional Engineer (Civil Engineering), State of Washington, No. 28990