

Curriculum Vitae

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Education

Ph.D. (1997) Rutgers University, New Brunswick, NJ: Urban Planning and Policy Analysis.

Professional Experience

September 1999-present: joint appointment, 50% Department of Geography, 50% McGill School of the Environment (MSE), McGill University, Montreal, QC. Associate Professor.

Relevant Publications and Presentations

Sieber, R. E. 2007. Spatial Data Access by the Grassroots. *Cartography and Geographic Information Science* 34(1): 47-62.

Sieber, R. E. 2006. Public Participation Geographic Information Systems: A Literature Review and Framework. *Annals of the American Association of Geographers* 96(3): 491-507.

Sieber, R. E. 2004. Rewiring for a GIS/2. *Cartographica* 39(1): 25-39.

Sieber, R. E. 2003. Public Participation GIS Across Borders. *The Canadian Geographer* 47(1): 50-61.

Sieber, R. E. 2002. Geographic Information Systems in the Environmental Movement, In W. Craig, T. Harris and D. Weiner, ed. *Community Empowerment, Public Participation and Geographic Information Systems*. London: Taylor and Francis. Pp. 153-172. Note: chapters in this book were peer reviewed.

Sieber, R. E. 2000. Conforming (to) the Opposition: Geographic Information Systems in the Conservation Movement. *International Journal of Geographic Information Systems* 14(8): 775-793.

Sieber, R. E. 2000. GIS Implementation in Grassroots Organizations. *Urban and Information Systems Association Journal* 12(1): 15-29.

Invited Presentations, Workshops

Sieber, R. E. 2007. Planning for a Post-computational World. *Workshop on Computational Education for Scientists*, Sept. 27-28, Redmond, WA. Only 50 academics invited to craft a research agenda.

Sieber, R. E. 2007. Blending Participatory GIS and Geo-Spatial Ontologies for Indigenous Knowledge Preservation. Keynote talk at International French Geomatics Conference, Clermont-Ferrand, France, June 16-18.

Sieber, R. E. 2007. Advanced Community Economic Development for Information and Communications Technology, April 4. Center for Research in Information and Technology in Organizations, University of California, Irvine.

Sieber, R. E. 2006. Geospatial Ontologies for Indigenous Peoples. Max Planck Institute for

Psycholinguistics, November 29.

Sieber, R. E. 2006. PPGIS and Community Economic Development. Presentation at the International Centre for Geo-Information Science and Earth Observation. October 25.

Sieber, R. E. 2005. The Future History of Public Participation GIS, March 4, National Center for Geographic Information and Analysis, State University of New York-Buffalo.

Sieber, R. E. 2005. Computing Ontology and Epistemology for Social Change, January 26, Algorithms Series, Computer Science Department, McGill.

Research Reports

Spitzberg, Daniel, Hannah Moffatt, Kristen Brewer, Blanka Fuleki, Naomi Arbit, and **R. E.**

Sieber. 2006. Influencing Climate Change Policy: Environmental non-governmental organizations using virtual and physical activism. Project Report for the United Nations Framework Convention on Climate Change and for Equiterre and for ENVR 401. Montreal, Canada: McGill School of Environment. 62pp.

Sieber, R. E. and Christopher Wellen. 2005. Growing Wemindji's Geographic Information Systems (GIS). User Needs Assessment of the Cree Community of Wemindji, Quebec. Montreal, QC. McGill University. 65pp.

Sieber, R.E. and A. Allesandro. 2004. Web Portals and Portlets for Community Economic Development. Montreal, Canada: McGill University. 23pp.

Sieber, R.E. and G. DeSouza. 2004. Six models of geo-commerce for community economic development. Montreal, Canada: McGill University. 18pp.

Conference Presentations

Wellen, C. C. and **Sieber, R. E.** 2007. Indigenous Spatial Ontology Application, *Association of American Geographers Annual Conference*. San Francisco, CA, April 17-21.

Sieber, R. E. 2007. Building Ontologies for Indigenous Geographic Knowledge. Session chair. *Annual Conference*. San Francisco, CA, April 17-21.

Sieber, R. E. 2007. Public Participation GIS: Metrics of Empowerment. Panel presentation (with M. Laituri, chair, S. Elwood, D. Weiner, M. Wilson, and L. Ramasubramanian, discussant), *Association of American Geographers Annual Conference*. San Francisco, CA, April 17-21.

Sieber, R. E. and C.C. Wellen. 2006. Participatory Indigenous Spatial Ontology. GIScience Biennial Conference, Munster, Germany, Sept. 20-23.

Sieber, R. E. and C.C. Wellen. 2006. Participatory geo-spatial information technology using ontologies and folksonomies. *American Association of Geographers Annual Conference*, Chicago, IL, March 15-18.

Sieber, R. E. 2005. The Extent of Public Participation GIS. *GISPlanet: II International Conference and Exhibition on Geographic Information*, Estoril, Portugal, May 30-June 2.

Sieber, R. E. 2004. Surmounting the Tower of Babel: Building a Lexicon of PPGIS. Keynote Panel Organizer and Chair, *3rd Annual Public Participation GIS Conference*, Madison, WI, July 18-20.

Sieber, R. E. 2004. GIScience North of the (US). Border. Organizer, chair and participant, Panel presentation (with N. Schuurman, S. Bell, Ferenc Csillag, and M. Buzzelli), *Association of American Geographers 100th Annual Conference*. Philadelphia, PA, March 14-18.

Sieber, R. E. 2004. Defining PPGIScience. *Association of American Geographers 100th Annual Conference*. Philadelphia, Pennsylvania, March 14-18.