

BARRY WELLAR
President
Wellar Consulting Inc.
Ottawa, Ontario, CANADA

CURRICULUM VITAE
(Abbreviated)

DEGREES:

- B.A. Economics & Commerce, Queen's University, 1963
- B.A. (Hon.) Geography & Economics, Queen's University, 1965
- M.S. Geography, Northwestern University, 1967
- Ph.D. Geography, Northwestern University, 1969

EMPLOYMENT HISTORY:

- 1969-72 Assistant Professor and Research Associate, University of Kansas
- 1972 Consultant, Kansas City Kansas, Planning Department
- 1970-72 Consultant, U.S. Department of Housing and Urban Development
- 1972-73 Senior Research Officer, Ministry of State for Urban Affairs (Government of Canada)
- 1973-74 Theme Coordinator, Ministry of State for Urban Affairs (Government of Canada)
- 1974 Visiting Lecturer, United Nations Development Program -Hungary:
International Centre for Computer Education
- 1974-75 Assistant Director, Ministry of State for Urban Affairs (Government of Canada)
- 1976-77 Director, Ministry of State for Urban Affairs (Government of Canada)
- 1977-79 Senior Policy Advisor, Ministry of State for Urban Affairs (Government of Canada)
- 1979-80 Associate Professor, University of Ottawa
- 1979-80 Project Director, Federation of Canadian Municipalities
- 1980-05 Full Professor, University of Ottawa
- 1981-82 Consultant, Statistics Canada
- 1983-84 Consultant, Organization for Economic Cooperation and Development
- 1984-85 Consultant, Federation of Canadian Municipalities
- 1985 Consultant, Ottawa Board of Education Reorganization Study
- 1988-89 Consultant, Department of Finance (Canada) Task Force on Tax Benefits for Northern and Isolated Areas
- 1989 Lecturer, Banff School of Management
- 1990 Workshop Instructor, Regional Municipality of Ottawa-Carleton
- 1991 Consultant, National Capital Commission
- 1991 Workshop Instructor, Geographic Information Systems (GIS), City of Calgary

- 1991-92 Consultant, Urban and Regional Information Systems Association
- 1992 Consultant and Expert Witness (Ontario Municipal Board Hearing),
Carlingwood Action Committee, Ottawa
- 1993 Scientific Advisor, Treaty 8 Tribal Association, Great Bear Environmental
Health Study
- 1993-96 Consultant, Regional Municipality of Ottawa-Carleton, Alternative
Transportation/Mobility Projects
- 1996-02 Consultant, Regional Municipality of Ottawa-Carleton and the City of Ottawa,
Transportation and Environment Department, and City of Ottawa, Department
of Transportation, Utilities and Public Works
- 1999 Consultant, American Chamber of Commerce Researchers Association
- 2001-02 Consultant, Canada Mortgage and Housing Corporation, GIS in Housing
- 2001-03 Workshop Instructor, Urban and Regional Information Systems Association,
Long Beach, CA
- 2002 Consultant, Durand Community Association, Hamilton, ON
- 2002-03 Consultant, Canada Mortgage and Housing Corporation, Condominium Count
and Characterization Pilot Study
- 2002 Workshop Instructor, International Association of Assessing Officers, Los
Angeles, CA
- 2002 Expert Witness, MacPherson, Leslie and Tyreman
- 2002 Workshop Instructor, Urban and Regional Information Systems Association,
Chicago, IL
- 2003-04 Consultant and Expert Witness, MacPherson, Leslie and Thompson
- 2005 President, Wellar Consulting Inc.

HONOURS AND ACHIEVEMENTS:

Board Member, Urban and Regional Information Systems Association, 1972-1976

President-elect, Urban and Regional Information Systems Association, 1976-77

President, Urban and Regional Information Systems Association, 1977-78

Leadership and Service Award, Urban and Regional Information Systems Association,
1979

Award of Merit, (U.S.) National Association of Towns and Townships, 1981. "For
Support and Leadership on Matters of Great Importance to America's Grassroots
Government Officials. In Tribute to Individuals Who Have Distinguished Themselves
Nationally, and for their Untiring Commitment to Strong Local Government"

Election to Full Member, Canadian Institute of Planners (MCIP), 1983

Election to Full Member, Data for Development International Association, 1984

The Edgar M. Horwood Award. "For Outstanding Service in the Advancement of Public Sector Information Systems". From the Urban and Regional Information Systems Association, 1985

Citation Award, Applied Geography Specialty Group, Association of American Geographers, 1991. "For Excellence in Applied Geography"(Department of Finance (Canada) project on a new tax regime for northern and isolated communities)

Citation Award, American Planning Association, 1994. "For Outstanding Contributions to the 1994 National Conference"

Certificate of Appreciation, The International Steering Committee of GIS/LIS · Central Europe, 1994. "In Recognition of Contributions as Co-Chair, Technical Program Development of GIS/LIS '93 · Hungary and GIS/LIS'94 · Central Europe"

25-Year Pin, Urban and Regional Information Systems Association, 1995

Citation Award, American Planning Association, 1995. "For Outstanding Contributions to the 1995 Conference"

Member, Ontario Graduate Scholarship Panel, 1994-1995

Group Project Award, Applied Geography Specialty Group Competition, American Association of Geographers, 1996. "For Excellence in Applied Geography" (Walking Security Index project)

Distinguished Service Award, Urban and Regional Information Systems Association, 1996. "In Recognition of Outstanding Service"

Community Service Citation, City of Ottawa, 1996.

Member, Ontario Graduate Scholarship Panel, 1997-1998

Member, Ontario Graduate Scholarship Panel, 1998-1999

Chairman, Ontario Graduate Scholarship Panel, 1999-2000

Induction into Timiskaming District Secondary School of Hall of Fame, 1999

Citation Award, Applied Geography Specialty Group, Association of American Geographers, "For Excellence in Applied Geography" (Walking Security Index Project), 2000

Chairman, Ontario Graduate Scholarship Panel, 2000-2001

McConnell Lectureship, Miami University (Ohio), 2002

Named to “The Capital City’s Top 50” by *Ottawa Life Magazine*, 2002

Chairman, Ontario Graduate Scholarship Panel, 2001-2002

James R. Anderson Medal of Honor in Applied Geography, Association of American Geographers, 2003

Chairman, Ontario Graduate Scholarship Panel 2002-2003

Citation for Achievement in Geography, House of Commons (March 24, 2003) by the Honourable Judy Sgro, MP (York West), Chair, Prime Minister’s Task Force on Urban Issues

Canadian Association of Geographers Award for Geography in the Service of Government or Business, Canadian Association of Geographers, 2004

Rector’s Award for Service to the University and the Larger Community Through Media and Community Relations, University of Ottawa, 2004

James Anderson Distinguished Lecture in Applied Geography, Association of American Geographers 2005 Annual Conference, Denver, CO

Invited Lecture, Geography and the Media, Symposium on Projecting Geography in the Public Domain in Canada, Royal Canadian Geographical Society, Canadian Council on Geographic Education, and the Canadian Association of Geographers, 2005 Learned Societies Congress

Appointed Adjunct Professor, Department of Geography, University of Ottawa, 2005

Named Distinguished Geomatics Scientist, Laboratory for Applied Geomatics and Geographic Information System Science, Department of Geography, University of Ottawa, 2005

SCHOLARLY AND PROFESSIONAL ACTIVITIES 1998-2005:

1998-01 Member, Workshop Committee, Urban and Regional Information Systems Association

1998-03 Member, Canadian General Standards Board Committee on Geomatics and Geographic Information Systems

- 1998 Co-Editor, *New City Magazine*
- 1998 Member, Program Committee, 10th International Geomatics Conference, Ottawa
- 1998 Chair, Management Program, Annual Conference, Urban and Regional Information Systems Association, Charlotte, NC
- 1998 Organizer, Special Sessions, *New City Magazine*, Congress of the Social Sciences and Humanities, Montreal
- 1998 Coordinator, Introduction to Geographic Information Systems Workshop, Urban and Regional Information Systems Association
- 1998 Chair, Workshop Development Committee, Urban and Regional Information Systems Association.
- 1998 Co-Organizer, Applied Geography Specialty Group Session, Annual Conference, Association of American Geographers, Boston
- 1998 Member, Archives Committee, Urban and Regional Information Systems Association
- 1998 Chair, Ontario Graduate Scholarship Program Panel (Planning and Development Studies)
- 1998 Advisor, Visiting Scholar, Prof. Junsan Zhao, Kunming Institute of Science and Technology, China
- 1998 Workshop Instructor, Introduction to Geographic Information Systems, Urban and Regional Information Systems Association, Charlotte, NC
- 1998 Member, Executive Committee, Applied Geography Specialty Group, Association of American Geographers.
- 1998 Co-Investigator, National Integrated Land Information Management Framework (NILIMF) Project for Ukraine. Research Proposal to the Canadian International Development Agency
- 1998 Reviewer, (U.S.) National Science Foundation
- 1998 Co-Investigator, Survey on Client-Driven Applied Geography Projects, Applied Geography Specialty Group, Association of American Geographers
- 1998 Member, Editorial Board, *Computers, Environment and Urban Systems*.
- 1998 Member, Editorial Board, *Journal of the Urban and Regional Information Systems Association*
- 1999 Coordinator, Introduction to Geographic Information Systems Workshop, Urban and Regional Information Systems Association
- 1999 Workshop Instructor, Introduction to Geographic Information Systems, Urban and Regional Information Systems Association, Chicago, Illinois
- 1999 Member, Education Committee, Urban and Regional Information Systems Association
- 1999 Chair, Ontario Graduate Scholarship Program Panel (Geography)
- 1999 Member, Executive Committee, Applied Geography Specialty Group, Association of American Geographers
- 1999 Member, Archives Committee, Urban and Regional Information Systems Association

- 1999 Academic Advisor (Research Program), American Chamber of Commerce Researchers Association
- 1999 Principal Instructor, Introduction to Geography Information Systems video, Urban and Regional Information Systems Association.
- 1999 Director, Survey on Client-Driver Applied Geography Projects, Applied Geography Specialty Group Association of American Geographers.
- 1999 Member, Editorial Board, *Journal of the Urban and Regional Information Systems Association*.
- 2000 Coordinator, Introduction to Geographic Information Systems Workshop, Urban and Regional Information Systems Association.
- 2000 Workshop Instructor, Introduction to Geographic Information Systems, Urban and Regional Information Systems Association, Orlando, FL.
- 2000 Member, Education Committee, Urban and Regional Information Systems Association
- 2000 Chair, Ontario Graduate Scholarship Program Panel (Planning and Environmental Studies)
- 2000 Member, Executive Committee, Applied Geography Specialty Group, Association of American Geographers
- 2000 Member, Archives Committee, Urban and Regional Information Systems Association
- 2000 Academic Advisor (Research Program), American Chamber of Commerce Researchers Association
- 2000 Principal Instructor, Introduction to Geography Information Systems video, Urban and Regional Information Systems Association.
- 2000 Director, Survey on Client-Driven Applied Geography Projects, Applied Geography Specialty Group Association of American Geographers.
- 2000 Member, Editorial Board, *Journal of the Urban and Regional Information Systems Association*.
- 2000 Reviewer, Applied Geography, *Geography in America at the Dawn of the 21st Century*.
- 2000-02 Resource Person, Institute for Sustainable Transportation
- 2001 Coordinator, Introduction to Geographic Information Systems Workshop, Urban and Regional Information Systems Association.
- 2001 Member, Education Committee, Urban and Regional Information Systems Association
- 2001 Chair, Ontario Graduate Scholarship Program Panel (Geography and Environmental Studies)
- 2001 Member, Executive Committee, Applied Geography Specialty Group, Association of American Geographers
- 2001 Member, Archives Committee, Urban and Regional Information Systems Association
- 2001 Academic Advisor (Research Program), American Chamber of Commerce Researchers Association

- 2001 Principal Instructor, Introduction to Geography Information Systems video, Urban and Regional Information Systems Association.
- 2001 Director, Survey on Client-Driven Applied Geography Projects, Applied Geography Specialty Group Association of American Geographers.
- 2001 Member, Editorial Board, *Journal of the Urban and Regional Information Systems Association*.
- 2001 Advisor, Founding Committee, Provincial Federation of Urban Neighbourhood Associations (Ontario)
- 2001 Reviewer, Natural Sciences and Engineering Research Council
- 2001 Director, Applied Geography Specialty Group Executive Committee, Association of American Geographers
- 2001 Delegate of the Applied Geography Specialty Group for the Strategic Initiatives Program, Association of American Geographers
- 2001 Organizer, Session on Transportation Research Projects 2001 AAG Conference, New York, NY.
- 2001 External Examiner, Rector's University Research Program, University of Siena (Italy)
- 2001 Vice-Chair, Applied Geography Specialty Group, Association of American Geographer
- 2001 Chair, Citation Award Committee, Applied Geography Specialty Group, Association of American Geographers
- 2001 Advisor, Federation of Urban Neighbourhoods (Ontario)
- 2001 Coordinator, Introduction to Geographic Information Systems Workshop, Urban and Regional Information Systems Association 1999-02 Organizer, Transportation Research Projects session, Annual Meetings of The Association of American Geographers
- 2002 Chairman, Ontario Graduate Scholarship Panel (Planning and Development Studies, Ph.D.)
- 2002 Reviewer, Social Sciences and Humanities Research Council
- 2002 Member, Editorial Board, Urban and Regional Information Systems Association
- 2002 Chair, Applied Geography Specialty Group, Association of American Geographers
- 2002 Chair, Citation Award Committee, Applied Geography Specialty Group, Association of American Geographers
- 2002 Workshop Instructor, 2002 Annual Conference, Urban and Regional Information Systems Association, Chicago
- 2002 Advisor and Roundtable Participant, Prime Minister's Task Force on Urban Issues
- 2002 Workshop Designer and Instructor, 2002 Annual Conference, Canadian Institute of Planners, Vancouver, BC
- 2002 Workshop Instructor, 2002 Annual Conference, International Association of Assessing Officials, Los Angeles, CA

- 2002 Member, Editorial Review Board, Urban and Regional Information Systems Association
- 2002 Organizer, Ethical Research Session, Association of American Geographers Annual Conference, New Orleans, LA
- 2003 Chair, Applied Geography Specialty Group, Association of American Geographers
- 2003 Reviewer, Social Sciences and Humanities Research Council
- 2002 Chairman, Ontario Graduate Scholarship Panel (Geography, Masters and Ph.D.)
- 2002 Member, Editorial Review Board, Urban and Regional Information Systems Association
- 2004 Co-Applicant, Major Collaborative Research Initiative, Social Sciences and Humanities Research Council, "Canadian Transport Futures Assessment"
- 2004 Chair, Applied Geography Specialty Group, Association of American Geographers
- 2004 Policy and Research Advisor, Federation of Urban Neighbourhoods
- 2004 Director, Pedestrian Space Forum
- 2004 Chairman, James Anderson Medal in Applied Geography Committee, Association of American Geographers
- 2004 Past Chair, Applied Geography Specialty Group, Association of American Geographers
- 2004 Member, Selection Committee, Joint Interdependent Infrastructures Research Program (JIIRP), NSERC/PSEPC
- 2005 Member, Editorial Review Board, Urban and Regional Information Systems Association
- 2005 Policy and Research Advisor, Federation of Urban Neighbourhoods
- 2003 Director, Pedestrian Space Forum
- 2005 Chairman, James Anderson Medal in Applied Geography Committee, Association of American Geographers
- 2005 Past Chair, Applied Geography Specialty Group, Association of American Geographers
- 2005 Invited Lecture, *Geography and the Media*, Symposium on Projecting Geography in the Public Domain in Canada, sponsored by the Royal Canadian Geographical Society, Canadian Council on Geographic Education, and the Canadian Association of Geographers, Learned Societies Congress
- 2005 Co-Applicant, Canadian Institute for Health Research Proposal
- 2005 Keynote Speaker, Geomatics Industry Association of Canada (GIAC) Leadership Forum, Ottawa

GRADUATE SUPERVISIONS:

Career Number: 19 M.A. and M.Pl., 4.5 Ph.D.
 Completed: 19 M.A. and M.Pl., 4.5 Ph.D.

GRADUATE COURSES:

Seminars and Supervised Studies

- 1998 Supervised Research
- 1999 Supervised Research
- 1999 Spatial Aspects of Public Policy Research
- 2000 Supervised Research
- 2001 Supervised Research
- 2001 Restructuring and Globalization
- 2002 Restructuring and Globalization
- 2003 Supervised Research
- 2004 Supervised Research

Directed Theses, University of Ottawa

- 1984 Paul Stanton, MPl.
- 1985 Marc Couture, MPl.
- 1985 Scott McIntosh, M.A.
- 1987 Evans Enyolu, Ph.D.
- 1987 Rob Sinclair, M.A.
- 1988 Mario Paradis, M.A.
- 1989 Frédérique Lester, M.A.
- 1990 Pierrette Landry, MPl.
- 1993 Peter Butera Bazimya, M.A.
- 1993 Erin Novakowski, M.A.
- 1995 Nairne Cameron, M.A.
- 1999 Erin Novakowski, Ph.D.
- 2003 Nairne Cameron, Ph.D.
- 2005 Ken Morrison, M.A.

FUNDED RESEARCH PROJECTS 1998-2005:

- 1998 Regional Municipality of Ottawa-Carleton, Walking Security Index Project.
- 1998 Regional Municipality of Ottawa-Carleton, Newspaper Reportage Study, Walking Security Index.
- 1998 Urban and Regional Information Systems Association, Workbook Development Project.
- 1998 Regional Municipality of Ottawa-Carleton, Supplementary funds, Walking Security Index Project/Newspaper Reportage Study.
- 1999 Applied Geography Specialty Group, Association of American Geographers, Client-Driven Research Survey.

- 1999 Regional Municipality of Ottawa-Carleton, Use of the Walking Security Index (WSI) to Evaluate Regional Road Intersections: Pilot Study. In-kind contribution of Regional Municipality (staff, equipment, facilities).
- 1999 American Chamber of Commerce Researchers Association, Research Fundamentals Workbook.
- 1999 Urban and Regional Information Systems Association, Video development for distance learning.
- 2001 Durand Community Association, Hamilton, Conference Keynote Presentation.
- 2001 Center for Sustainable Transportation, Meeting of Experts.
- 2001 Urban and Regional Information Systems Association, Workshop Program Development Project.
- 2001 Canada Mortgage and Housing Corporation, GIS and Housing Literature Search and Review.
- 2002 Miami University (Ohio), University, McConnell Lecture.
- 2002 MacPherson, Leslie and Tyerman, Consultation on the Walking Security Index Project.
- 2003 University of Ottawa, Research and Publications Committee, Faculty of Arts, Conference Presentation, Association of American Geographers, Philadelphia, PA
- 2003 Canada Mortgage and Housing Corporation, Condominium Count and Characterization Pilot Study, Greater Ottawa, Ontario.
- 2004 Canadian Transport Futures Assessment, Centre for Sustainable Transportation, Meeting of SSHRC Proposal Co-Investigators.
- 2004 New vs. the City of Moose Jaw, *et al.*, Expert Witness Testimony, civil trial, Regina, SK
- 2005 Royal Canadian Geographical Society, Canadian Council on Geographic Education, and Canadian Association of Geographers, Projecting Geography in the Public Domain in Canada, Learned Societies Annual Congress, London, ON

PUBLICATIONS – LIFETIME SUMMARY TO JUNE 2005:

INSTRUCTIONAL VIDEOS	1
BOOKS AUTHORED.....	17
BOOKS EDITED	16
CHAPTERS IN BOOKS	26
PAPERS IN REFEREED JOURNALS.....	30
PAPERS IN REFEREED CONFERENCE PROCEEDINGS.....	50
PAPERS IN CONFERENCE PROCEEDINGS	9
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CONTRACT RESEARCH REPORTS.....	49
TECHNICAL REPORTS	14
GOVERNMENT/UNIVERSITY/ASSOCIATION PUBLICATIONS.....	20
BOOK REVIEWS	9
PAPERS READ	247

PUBLICATIONS – 1998-2005:

Instructional Video

1. Wellar, B., *Introduction to Geographic Information Systems* (with K. Fortier and D. Parr). Park Ridge, Illinois: Urban and Regional Information Systems Association, 1999.

Books Authored

1. Wellar, B., *Applying Geographic Information Systems (GIS) To Business* (with M. Sawada, N. Cameron, J. Soroko). Park Ridge, Illinois: Urban and Regional Information Systems Association, 1998.
2. Wellar, B. *Walking Security Index*. Ottawa: Regional Municipality of Ottawa-Carleton and University of Ottawa, 1998.
3. Wellar, B., *URISA Certified Workshop Procedures Manual* (with D. Martin). Park Ridge, Illinois: Urban and Regional Information Systems Association, 1998.
4. Wellar, B., *Introduction to Geographic Information Systems* (with D. Parr). Revised 1999. Park Ridge, Illinois: Urban and Regional Information Systems Association,
5. Wellar, B., *Instructors Guide to Geographic Information Systems* (with D. Parr) Revised 1999. Park Ridge, Illinois: Urban and Regional Information Systems Association.
6. Wellar, B. *GIS Glossary* (with D Parr *et al*), Park Ridge, Illinois: Urban and Regional Information Systems Association, 2000
7. Wellar, B. *Newspapers as a Source of Fact and Opinion on Pedestrians' Safety, Comfort, Convenience: A Keyword-Based Literature Search and Review*. Ottawa: City of Ottawa and University of Ottawa, 2000
8. Wellar, B. *Walking Security Index Pilot Study*. Ottawa: City of Ottawa and University of Ottawa, 2002.

Chapters in Books

1. Wellar, B., "The Walking Security Index and Pedestrians' Security in Urban Areas," *WorldMinds: Geographical Perspectives on 100 Problems*. D. Janelle, B. Warf and K. Hansen editors. Dordrecht, The Netherlands: Kluwer Academic Publishers, 2004, 183-189.

Papers in Refereed Journals

1. Wellar, B., "Use of 'Change Detection' as a Functionality Criterion for Evaluating the Contribution of Geomatics to Decision Processes", *Geomatica* 52 (4), 462-467, 1998.
2. Wellar, B., and J. Zhao, "Development of GIS/LIS for Cadastral Survey and Land Registration in China: A Status Report", *Geomatica*, 53 (1), 56-63, 1999.
3. Wellar, B., "Connecting the National Urban Strategy, Planning and the Urban Sustainability Index," in *Plan Canada*, 43(4), 42-44, 2003.
4. Wellar, B., "Development Similarity Based on Proximity: A Case Study of Urban Clusters in Canada" (with B. Portnov), in *Papers in Regional Science*, 83(2), 443-465, 2004.

Invited and Refereed Papers in Conference Proceedings

1. Wellar, B., "Strategies Behind Using Client-Driven Research on the Walking Security Index (WSI) to Connect Ontology, Epistemology and Praxis in Undergraduate Courses" in *Papers and Proceedings, Applied Geography Conferences*, 21, 161-169, 1998.
2. Wellar, B. "Combining Client-Driven and Curiosity-Driven Research in Graduate Programs in Geography: Some Lessons Learned and Suggestions for Making Connections", in *Papers and Proceedings, Applied Geography Conferences*, 21, 213-220, 1998.
3. Wellar, B. and G. Malinsky, "The Walking Security Index (WSI) as a Means of Harmonizing Transportation and Community Goals" in *Proceedings of the Annual Conference of the Transportation Association of Canada*. Ottawa: Transportation Association of Canada, CD-ROM publication, 1998.
4. Wellar, B., "Moving Research from Concepts to Operations: Comments on Contract Negotiations for the Walking Security Index (WSI) Pilot Study" in *Papers and Proceedings, Applied Geography Conferences*, 22, 11-19, 1999.
5. Wellar, B. and N. Novakowski, "Detailing the Implications of Ecosystem-Based Planning for Applied Geography Training and Research Project Designs" in *Papers and Proceedings of the Applied Geography Conferences*, 23, 215-223, 2000.

6. Wellar B., and C. Vandermeulen, "Field Tests of the Driver Behaviour Index (DBI) Survey Forms: Initial Findings from an Applied Geography Project Involving Selected Regional Intersections in Ottawa-Carleton" in *Papers and Proceedings of the Applied Geography Conferences*, 23, 206-214, 2000.
7. Wellar, B., "The Pilot Study as a Step in the Process of Implementing Transportation Innovations: Findings from the Walking Security Index (WSI) Project" in *Papers and Proceedings of the Applied Geography Conferences*, 24, 244-252, 2001.
8. Wellar, B., "Strategies for Designing IS/GIS Strategies to Implement Walking Security Indexes" in *URISA 2001 Proceedings*. Chicago: Urban and Regional Information Systems Association, CD-ROM publication, 2001.
9. Wellar, B., "Lessons Learned from the Walking Security Index (WSI) on How to Achieve Street-Smart Urban Transportation Improvements" in *Proceedings, 2002 Annual Conference, Canadian Institute of Planners*. Ottawa: Canadian Institute of Planners, CD-Rom publication, 2002.
10. Wellar, B., "Forty Years of Vision: Measuring URISA's Contribution to IS/GIS/LIS Progress" in *URISA 2002 Proceedings*. Chicago: Urban and Regional Information Systems Association, CD-Rom publication, 2002.
21. Wellar, B., "Canada's National Urban Strategy: Implications of the Urban Sustainability Index (USI) for Planning" in *Proceedings of the Canadian Institute of Planners 2003 Annual Meeting*. Ottawa: cip-icu.ca. 2003
12. Wellar, B., "Application of the Walking Security Index (WSI) to Achieve Urban 'Improvements' that Actively Serve and Promote Pedestrians' Safety" in *Proceedings of the Canadian Multidisciplinary Road Safety Conference XIV* Ottawa, <http://www.carsp.ca>, 2004.

Major Funded Research Reports and Monographs 1998-2005

1. Wellar B., Using the Walking Security Index (WSI) to Evaluate Traffic Calming Needs, Initiatives and Outcomes: A Progress Report. Annual Meeting of the Transportation Research Board, Washington, D.C., 1998.
2. Wellar, B., Walking Security Index Variables: Initial Specification. Interim Report 5. Ottawa: Mobility Services Division, Regional Municipality of Ottawa-Carleton, and Department of Geography, University of Ottawa, 1998.
3. Wellar, B., Research Fundamentals. Alexandria, VA: American Chamber of Commerce Researchers Association (ACCRA), 1999.

4. Wellar, B., Walking Security Index Pilot Study: Basic Walking Security Index Component. Ottawa: City of Ottawa and University of Ottawa, 2000.
5. Wellar, B., Walking Security Index Pilot Study: Basic Walking Security Index Component-Technical Supplement. Ottawa: City of Ottawa and University of Ottawa, 2000.
6. Wellar, B., Walking Security Index Pilot Study: Quality of Intersection Condition Index Component. Ottawa: City of Ottawa and University of Ottawa, 2000.
7. Wellar, B., Walking Security Index Pilot Study: Quality of Intersection Condition Index Component-Technical Supplement. Ottawa: City of Ottawa and University of Ottawa, 2000.
8. Wellar, B., Walking Security Index Pilot Study: Driver Behaviour Index Component. Ottawa: City of Ottawa and University of Ottawa, 2001.
9. Wellar, B., Walking Security Index Pilot Study: Driver Behaviour Index Component-Technical Supplement. Ottawa: City of Ottawa and University of Ottawa, 2001.
9. Wellar, B., *Characterizing the Condominium Population of the Greater Ottawa Area, 1969-2002*. Ottawa: Housing Technology Group, Policy and Research Division, Canada Mortgage and Housing Corporation, 2003.
10. Wellar, B., *Geography and the Media: Strengthening the Relationship*. Ottawa: Canadian Royal Geographical Society and the Canadian Council on Geographic Education, 2005, www.ccge.org

Official Plan, Ontario Municipal Board (OMB), and Expert Witness Statements, Submissions and Commentaries 1998-2005:

1. Wellar, B., "Re: Ontario Municipal Board". Statement prepared for R. Bartolucci, MPP (Sudbury), Deputy House Leader, Liberal Party of Ontario, 2002.
2. Wellar, B., "Re: Jennifer New and the Standard of Care Demonstrated by the City of Moose Jaw", *New Versus the City of Moose Jaw et al*, in the Queen's Bench Judicial Centre of Regina, Q.B. No. 3367 of 1991, Regina, SK, 2004.
3. Wellar, B. Fixing the Ontario Municipal Board: A Strategic Approach for Citizen Groups. Report commissioned by the Federation of Urban Neighbourhoods (Ontario), 2004. The report is posted on the Federation's website: www.urbanneighbourhoods.ca.