

Graham Whitelaw - CV

Education

- 2006 Doctor of Philosophy: School of Planning, Faculty of Environmental Studies
University of Waterloo
- 1991 Master of Arts: School of Planning, Faculty of Environmental Studies
University of Waterloo
- 1984 Bachelor of Arts: Geography, Faculty of Social Science
University of Western Ontario

Honours

Not available at this time.

Grants

Social Sciences and Humanities Research Council Grant, Co-applicant, Collaborative Geomatics in remote First Nations communities: tracking environmental change and fostering continuous learning in the Mushkegowuk Territory. 2010-2011.

Social Science and Humanities Research Council Standard Research Grant, Co-applicant Biodiversity science and conservation in southern Ontario: historical, contemporary, and spatial dimensions, 2008-2012.

Social Sciences and Humanities Research Council partnership Development Grant (Co-Applicant), Land Use Planning and Resource Development at the Community Level in the Mushkegowuk Territory: the Use of Traditional Environmental Knowledge and Western Science as Complementary Forms of Knowledge.

Social Sciences and Humanities Research Council, Insight Development Grant (Co-applicant), Decolonizing planning knowledge and practices in the Mushkegowuk Territory: Possibilities and challenges for collaborative learning among planners, government, and indigenous communities, 2011-2014.

Social Sciences and Humanities research Council, CURA, (Collaborator), Community-Based Integrated Water Monitoring and Management in Nova Scotia, 2011-2016.

Courses Taught

Undergraduate Courses

Sustainability
Environmental Assessment

Graduate Courses

Methodological and Conceptual Basis for Environmental Studies
Environmental Planning and Management

Publications

ARTICLES IN PEER REVIEWED PUBLICATIONS

Note: * indicates student led research.

McCarthy, D., Crandall, D., **Whitelaw, G.**, General, Z., Tsuji, L., 2011. A Critical Systems Approach to Social Learning: Building Adaptive Capacity in Social, Ecological, Epistemological (SEE) Systems. **Ecology and Society**. 16(3): 18. (Role: Co-investigator).

McEachren, J., **Whitelaw, G.**, McCarthy, D.D., Tsuji, L.J.S., 2011. The Controversy of Transferring the Class Environmental Assessment Process to Northern Ontario, Canada: The Victor Mine Power Supply Project. **Impact Assessment Project Appraisal**, 29(2), 109-120 (Role: Collaborator).

Tsuji, L.J.S., McCarthy, D.D., **Whitelaw, G.**, McEachren, J., 2011. Getting Back to Basics: the Victor Diamond Mine Environmental Assessment Scoping Process and the Issue of Family based Traditional Lands versus Registered Trapslines. **Impact Assessment Project Appraisal**, 29(1), 37-47. (Role: Co-investigator).

Kirchhoff, D., D. McCarthy, D. Crandall, L. McDowell, **G. Whitelaw**, 2011. Strategic Environmental Assessment and Regional Infrastructure Planning: the case of York Region, Ontario, **Impact Assessment and Project Appraisal**, 29(1), 11-26. (Role: Co-principal Investigator).

Eagles, P.F.J., E.M. Meyfairth O'Hara and **G. Whitelaw**, (2011) Moving from Landscape Connectivity Theory to Land use Planning: Urban Planning in Oakville, Ontario, Proceedings of the 10th Colorado Plateau Biennial Conference (Role: Collaborator).

REPORTS, ARTICLES IN VENUES WITHOUT PEER REVIEW, INVITED ARTICLES

McCarthy DD, **Whitelaw GS**, Tsuji LJS (2011) Comments on the Mushkegowuk Council of Chief's "Going Forward" Strategies and Action Plan on the Ring of Fire Project.

Whitelaw, G., McCarthy, D.D.P., and L. Tsuji (2011) Comments to Ministry of Northern Development and Mines and Forestry, and Ministry of the Environment on the Draft Terms of Reference for Class Environmental Assessment for Activities of the Ministry of Northern development, Mines and Forestry under the Mining Act.

Whitelaw, G., and J. K. Schmutz, 2011, Redberry Lake UNESCO Biosphere Reserve Periodic Review, prepared for the Canadian Commission for UNESCO, August 12, 2011, 34p.

WORK ACCEPTED

McCarthy, D., **Whitelaw, G.**, McGarry, F., Cowan, D., Robins, A., General, Z., Liedtke, J., Youden, H., Sutherland, C., Tsuji, L.J.S. (in press) Collaborative Geomatics and the Mushkegowuk Cree First Nations: Fostering Adaptive Capacity for Community-based Sub-Arctic Natural Resource Management. **Geoforum**. (Role: Co-investigator).

*Berquist, M, L. Campbell, **G. Whitelaw**, S. Millard, (In press), Communicating research findings and monitoring data in support of management: a case study of the Bay of Quinte Remedial Action Plan, **Aquatic Ecosystem Health and Management**, 22pgs (Role: Berquist's Co-supervisor and co-investigator) .

Viswanathan, Leela, **Whitelaw, Graham**, and Meligrana, John, (In press). Evaluating the role of the project course in professional planning education and its influence on policy and practice. *Planning Practice and Research*. 19pp.

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Jamieson, G., G. Francis, **G. Whitelaw** and N. Ruttan, (2008). Canadian Biosphere Reserve Approaches to the achievement of Sustainable Development, *International Journal of Environment and Sustainable Development*, 7(2), 132-144.

Whitelaw, G., and P.F.J. Eagles, (2007). Planning for Long, Wide Corridors On Private Lands in the Oak Ridges Moraine, Ontario, Canada, *Conservation Biology*, 21(3), 675-683.

Pollock, R, M. Reed, and **G. Whitelaw**. (2007). Steering Governance Through Regime Formation at the Landscape Scale: Evaluating Experiences in Canadian Biosphere Reserves, in *Transforming Parks: Protected Areas and Governance in a Changing World* (K. Hanna, D. Clark, S. Slocombe, Eds.) London: Routledge.

McCarthy, D., **G. Whitelaw**, P. Jongerden, and B. Craig (2006). Contributions of Four Long Point Sustainability Workshops to Community Social Learning and the Logistics Function of the Biosphere Reserve, *Environments*, 34(2).

Edey, R.C., M. Seasons and **G. Whitelaw**, (2006). The Media, Planning and the Oak Ridges Moraine, *Planning Practice and Research*, 21(2), 147-161

Lumb, A., and **G. Whitelaw**, (2006). Supporting Sustainability Through Collaboration and Community Processes at the Landscape Scale: An Introduction, *Environments*, 34(1), 1-6.

Milne, R. S., Rosolen, **G. Whitelaw** and L. Bennet, (2006). The Challenges of Multi-party Stakeholder Monitoring Programs in Ontario, *Environments*, 34(1), 11-24.

Jones, C., D. Baird, M. Bowman, G. Cameron, B. Craig, B. Cutler, J. Diamond, N. Dmytrow, M. Nichol, J. Parker, T. Pascoe, H. Vaughan, and **G. Whitelaw**, (2006). Social Capital Impacts of Ontario's Benthos Biomonitoring Network. *Environments*, 34(1), 37-54.

Gibson, R.B., S. Hassan, S. Holtz, J. Tansey, and **G. Whitelaw**, (2005). *Sustainability Assessment: Criteria, Processes and Applications*, EarthScan, London, pp. 254.

Hoernig, H., D. Leahy, Z.X. Zhuang, R. Early, L. Randall and **G. Whitelaw**, (2005). Planning for People: Addressing Social Issues and Processes in Planning, *Berkley Planning Journal*, 18, 35-56.

Pollock R. and **G. Whitelaw**, (2005). Community Based Monitoring in Support of Local Sustainability, *Local Environment*, 10(3), 211-228.

Whitelaw, G., J. Hamilton, and R. Milne, (2005). Historical Recreation Patterns Along the Niagara Escarpment in Ontario and the Challenges to Heritage-based Recreation and Tourism, *Proceedings Heritage-based Recreation Along the Great Arc*, Nelson, G.J. and J. Peter, (Eds.), An Environments Publication, University of Waterloo.

Whitelaw, G., B. Craig, G. Jamieson and B. Hamel, (2004). Research, Monitoring and Education: Exploring the "Logistics Function" of Four Canadian Biosphere Reserves, *Environments*, 32(3), 61-78.

Francis, G. and **G. Whitelaw**, (2004). Biosphere Reserves In Canada: An Introduction, *Environments*, 32(3), 1-2.

Whitelaw, G., H. Vaughan, B. Craig, and D. Atkinson, (2003). Establishing the Canadian Community Monitoring Network, *Environmental Monitoring and Assessment*, 88(1), 409-418.

Vaughan, H., **G. Whitelaw**, B. Craig and C. Stewart, (2003). Linking Ecological Science to Decision-making: Delivering Monitoring Information as Societal Feedback, *Environmental Monitoring and Assessment*, 88(1), 399-408.

Hamilton, J., **G. Whitelaw** and A. Fenech, (2001), Climate Change Trends at Canadian Biosphere Reserves, *Environmental Monitoring and Assessment*, 67(1-2), 239-275.

Whitelaw, G., J. Hamilton, M. Dunkley and D. Ramsay, (2001). Delineating a Natural Heritage System for the Niagara Escarpment, Bondrup-Nielsen, S., N.W.P., Munro, G., Nelson, J.H.M. Willison, T.B. Herman, P.F.J. Eagles, (Eds.), *Proceedings of the Fourth International Conference on the Science and Management of Protected Areas*, University of Waterloo, Waterloo, Ontario, Canada.

Taylor, B., A. Fenech, R. Hansell and **G. Whitelaw**, (2001). Major Road Changes in Southern Ontario 1935 – 1995: Implications for Protected Areas, Bondrup-Nielsen, S., N.W.P. Munro, G. Nelson, J.H.M. Willison, T.B. Herman, P.F.J. Eagles, (Eds.), *Proceedings of the Fourth International Conference on the Science and Management of Protected Areas*, University of Waterloo, Waterloo, Ontario, Canada.

Ramsay, D. and G. Whitelaw, (1998), Biosphere Reserves and Ecological Monitoring as Part of Working Landscapes: The Niagara Escarpment Biosphere Reserve Experience, Willison, M. and N. Munro, (Eds.), *Proceedings of the Third International Conference on the Science and Management of Protected Areas*, University of Calgary, Alberta, Canada.

Whitelaw G., D. Neufeld and S. Carty, (1995). The Design of a Monitoring System for the Niagara Escarpment Plan Area, Willison, M. and N. Munro, (Eds.), *Proceedings of the Second International Conference on Science and the Management of Protected Areas*, Dalhousie University, Halifax, Nova Scotia, Canada.

Whitelaw, G., P. Hubbard and G. Mulamoottil, (1989). Restoration of Swampland Drained for Agriculture: Planning Guidelines and Recommendations, *Canadian Water Resources Journal*, 14(2), 1 – 9

Major invited contributions and/or technical reports

Whitelaw, G. And J. Hamilton, (2008). Niagara Escarpment Plan Water Policy Paper, 4th Draft, Coalition on the Niagara Escarpment, April 15, 2008.

Whitelaw, G. and D.McCarty, (2006). Exploring Sustainability Options for the Long Point World Biosphere Reserve, Report, Long Point World Biosphere Reserve Foundation.

Craig, B. and **G. Whitelaw**. (2004). Design Recommendations for the Development of the North Vidzeme Biosphere Reserve Integrated Monitoring Program, Final Report, UNDP/GEF Project Biodiversity Protection in North Vidzeme Biosphere Reserve, Latvia.

Seasons, J., M. Browne, H. Frojmovic, H. Hoernig, N. LeClerc, C. Parsons and **G. Whitelaw**, (2004). Urban Planning In Canada and Overseas: A Survey of Key Challenges and Responses, Preparatory Papers for the 2006 World Urban Forum, Canadian Institute of Planners.

Pollock, R., McCarthy, D., Crandall, D., **Whitelaw, G.**, General, Z, Tsuji, L., 2011. A Critical Systems Approach to Social Learning: Building Adaptive Capacity in Social, Ecological, Epistemological (SEE) Systems. **Ecology and Society**. 16(3): 18. (Role: Co-investigator).

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Conference Presentations and Speaking Engagements

Whitelaw, G., (2011). Invited Facilitator, Charting the Course Development and Planning Conference For the Friends (Canada) of the UN Convention on Biological Diversity, August 5, 2011, Queen's University, Kingston, Ontario.
Whitelaw, G., (2011). Invited Chair of Panel on Environmental Assessment and the Oil Sands, Clean Energy Superpower and Environmental Assessment: Canada's Ambitions and Choices, Queen's Institute for Energy and Environmental Policy, Kingston, Ontario, 15 April 2011.

Youden H, **McCarthy D.D.P.**, Whitelaw G, Cowan D and L Tsuji (2011) The Use of the Collaborative Geomatics Tool for Water Resource Management in Remote First Nations Communities. **64th Canadian Water Resources Association National Conference**, St. John's, Newfoundland. (Note: Did not present.)

Employment History

Not available at this time.

Consulting Projects

Not available at this time.

Web Links

Not available at this time.