## 6.0 References

- Ahern, J. 1991. Planning for an extensive open space system: linking landscape structure and function. Landscape and Urban Planning 21: 131-145.
- Allin, J. 1988. Timber Management Guidelines for the Protection of Fish Habitat. Ontario Ministry of Natural Resources. Queen's Printer for Ontario. 14pp.
- Allmendinger, N.E. and J.E. Pizzuto.1999. Changes in the geometry and the sediment budget of a 3rd-order stream caused by urbanization. Geological Society of America, 1999 Annual Meeting. Abstracts with Programs Geological Society of America, Vol. 31, No. 7, pp. 421-422.
- Ament, R., A.P. Clevenger, O. Yu, and A. Hardy. 2008. An Assessment of Road Impacts on Wildlife Populations in U.S. National Parks. Environmental Management 42(3):480-96.
- Andren, H. 1994. Effects of habitat fragmentation on birds and mammals in landscapes with different proportions of suitable habitat: A review. Oikos, Vol. 71, pp. 355-366.
- Austen, M.J.W. and M.S.W. Bradstreet. 1996. The effects of fragmentation on forest birds and plants in southern Ontario: Recommendations for woodland conservation and restoration. Long Point Bird Observatory. Port Rowan, Ontario. 43 pp.
- Bain, M.J. 1986. Ducks Unlimited approach to wetland protection. In: McIlwraith Field Naturalists of London (eds). Our Disappearing Wetlands: A Seminar to promote the Preservation of Wetlands. Pp. 17-22.
- Baker, M.E., M.J. Wiley, P.W. Seelbach and M.L. Carlson. 2003. A GIS Model of Subsurface Water Potential for Aquatic Resource Inventory, Assessment, and Environmental Management. Environmental Management 32(6):706-719.
- Bakowsky, W.D. 1999. Rare Vegetation of Ontario: Tallgrass Prairie and Savannah. Ontario Natural Heritage Information Centre Newsletter 5(1).
- Bakowsky, W.D. 1993. A Review and Assessment of Prairie, Oak Savannah and Woodland in Site Regions 7 and 6 (Southern Region). Gore and Storrie Ltd. For Ontario Ministry of Natural Resources, Southern Region, Aurora. 89 pp. + appendices.
- Beier, P. and R.F. Noss. 1998. Do habitat corridors really provide connectivity? Conservation Biology 12: 1241-1252.
- Belanger, L. and M. Grenier. 2002. Agriculture Intensification and Forest Fragmentation in the St.
- Lawrence Valley, Quebec, Canada. Landscape Ecology 17(6):495-507.
- Benton, T.G., D.M. Bryant, L. Cole and H.Q.P. Crick. 2002. Linking Agricultural Practice to Insect and Bird Populations: A Historical Study Over Three Decades. Journal of Applied Ecology 39(4):673-687.
- Bergin, T.M., L.B. Best and E.K. Freemark. 1997. An Experimental Study of Predation on Artificial Nests in Roadsides Adjacent to Agricultural Habitats in Iowa. Wilson Bulletin 109:437-448.

- Booth, D.B. 1991. Urbanization and the natural drainage system impacts, solutions, and prognoses. Northwest Environmental Journal, Vol. 7, No. 1, pp. 93-118.
- Booth, D.B. 2000. Forest cover, impervious surface-area, and the mitigation of urbanization impacts in King County, Washington. King County Water and Land Resources Division, 201 South Jackson Street, Suite 600 Seattle WA 98104-3855.
- Bosch, J. and M. Hewlett. 1982. A review of catchment experiments to determine the effect of vegetation changes on water yield and evapotranspiration. Journal of Hydrology, Vol. 55, pp. 3-23.
- Bridge, S., W.R. Watt, G. Lucking and B. Naylor. 2000. Landscape Analysis for Forest Management Planning in Boreal Northeastern Ontario. Ontario Ministry of Natural Resources, Northeast Science & Technology. NEST. Technical Report TR-040. Queen's Printer for Ontario. 36pp.
- Brody, A.J. 1984. Habitat use by black bears in relation to forest management in Pisgah National Forest, North Carolina. M.S. Thesis. University of Tennessee, Knoxville.
- Budd, W.W., P.L. Cohen, P.R. Saunders, and F.R. Steiner. 1987. Stream corridor management in the Pacific Northwest: determination of stream corridor widths. Environmental Management 11(5): 587-597.
- Burke, D.M. and E. Nol. 2000. Landscape and Fragment Size Effects on Reproductive Success of Forest-breeding Birds in Ontario. Ecological Applications 10:1749-1761.
- Cam, E., J.D. Nichols, J.R. Sauer, J.E. Hines and H.C. Flather. 2000. Relative Species Richness and Community Completeness: Birds and Urbanization in the Mid-Atlantic States. Ecological Applications 10:1196-1210.
- Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines Volume 1. Canadian Council of Ministers of the Environment, Winnipeg. Pub. No. 1299.
- Carleton, T.J. 2003. Old Growth in the Great Lakes Forest. Environmental Reviews 11:115-134. Supplement 1.
- Castelle, A.J., A.W. Johnson, and C. Conolly. 1994. Wetland and stream buffer size requirements a review. Journal of Environmental Quality 23: 878 882.
- Central Lake Ontario Conservation Authority. 2004. Durham Region Greenspace Acquisition Fund: CLOCA Land Acquisition Priorities.
- Chapman, L.J. and D.F. Putnam. 1984. The physiography of southern Ontario, 3rd Edition. Ontario Geological Survey, Special Volume 2. Accompanied by Map P. 2715 (coloured), scale 1:600,000
- Chen, J., J.F. Franklin and T.A. Spies. 1995. Growing Season Microclimate Gradients from Clearcut Edges into Old-growth Douglas-Fir Forests. Ecological Applications 5:74-86.
- Clark, P.J. and F.C. Evans. 1954. Distance to nearest neighbour as a measure of spatial relationships in populations. Ecology 35:445-453.
- Cohen, R. 1997. Fact Sheet #9: The Importance of Protecting Riparian Areas along Smaller Brooks and Streams. Massachusetts Department of Fish and Game.

- County of Oxford. 2006. Oxford Natural Heritage Study. 44pp + Appendices.
- Crawford, J.A. and R.D. Semlitsch. 2007. Estimation of Core Terrestrial Habitat for Stream-breeding Salamanders and Delineation of Riparian Buffer for Protection and Biodiversity. Conservation Biology. Volume 21, No. 1 pg 152-158, society for Conservation Biology.
- Credit Valley Conservation Authority. 2004. Greenlands Securement Strategy. 44pp.
- Crins, W.J. and P.W.C. Uhlig. 2000. Ecoregions of Ontario: Modifications to Angus Hills' Site Regions and Districts, Revisions and Rationale. Unpublished report. Ministry of Natural Resources. 7pp.
- Crins, W.J. and P.S.G. Kor. 2000. Antural Heritage Gap Analysis Methodologies Used by the Ontario Ministry of Natural Resources (Draft 6). Open File Natural Heritage Technical Report.
- Crosbie, B. and P. Chow-Fraser. 1999. Percentage Land Use in the Watershed Determines the Water and Sediment Quality of 22 Marshes in the Great Lakes Basin. Canadian Journal of Fisheries and Aquatic Sciences 56(10):1781-1791.
- Dale, V.H., S. Brown, R.A. Haeuber, N.T. Hobbs, N. Huntly, R.J. Naiman, W.E. Riebssame, M.G. Turner and T. Valone. 2000. Ecological Principles and Guidelines for Managing the Use of Land. Ecological Applications 10(3):639-670.
- Davidson, C. 2004. Declining downwind: amphibian population declines in California and historic pesticide use. Ecological Applications 14(6): 1892-1902.
- DeLaney, T. 1995. Benefits to downstream flood attenuation and water quality as a result of constructed wetlands in agricultural landscapes. Journal of Soil and Water Conservation, Vol. 50, pp. 620-626.
- Devito, K.J., I.F. Creed, R.L. Rothwell and E.E. Prepas. 2000. Landscape Controls on Phosphorus Loading to Boreal Lakes: Implications for the Potential Impacts of Forest Harvesting. Canadian Journal of Fisheries and Aquatic Sciences 57(10):1977-1984.
- Diamondback. 1990. Ecological effects of roads. Pages 1-5 In: J. Davis (ed). Killing Roads: A Citizens' Primer on the Effects and Removal of Roads. Earth First! Biodiversity Project Special Publication. Tucson, AZ
- Dillon, P.J., L.A. Molot and W.A. Scheider. 1991. Phosphorous and Nitrogen Export from Forested Stream Catchments in Central Ontario. Journal of Environmental Quality 20:857-864.
- Eagles, P.F.J. 1984. The Planning and Management of Environmentally Sensitive Areas. Longman, London.
- Eagles, P.F.J., and T. Beechey. (eds.) 1985. Critical Unprotected natural Areas in the Carolinian Life Zone of Canada. Final Report. Ontario Ministry of Natural Resources, London, Ontario.
- Environment Canada. 1990. The Green Plan. Ottawa, Ontario. 174 pp.
- Environment Canada, OMNR, and OMOE. 1998. A Framework for Guiding habitat Rehabilitation in Great Lakes Areas of Concern. Canada Ontario Remedial Action Plan Steering Committee.

- Environment Canada. Canadian Wildlife Service. 2004. How Much Habitat Is Enough? A Framework for Guiding Habitat Rehabilitation in Great Lakes Areas of Concern. 2nd ed. Minister of Public Works and Government Services Canada Downsville, Ontario. 80 pp. ISBN 0-662-35918-6.
- Environment Canada. Canadian Wildlife Service. 2005. Beyond Islands of Green: A Primer for Using Conservation Science to Select and Design Community-based Nature Reserves. Environment Canada Downsville, Ontario. 80 pp.
- F.J. Galloway Associates Inc. 2004. Upper Thames River Conservation Authority Strategic Plan.
- Fahrig, L. 1997. Relative effects of habitat loss and fragmentation on population extinction. Journal of Wildlife Management, Vol. 61, pp. 603-610.
- Fahrig, L. 2002. Effect of habitat fragmentation on the extinction threshold: A synthesis. Ecological Applications, Vol. 12, No. 2, pp. 346-353.
- Federal Interagency Stream Restoration Working Group (FISRWG 15 Federal Agencies of the US gov't). 1998. Stream Corridor Restoration: Principles, Processes and Practices. Prepared for the United States Department of Agriculture (USDA). Washington, DC. GPO Item No. 0120-A; SuDocs No. A 57.6/2:EN 3/PT.653. ISBN 0-934213-59-3
- Fetter, C.W., Jr. W.E. Sloey, and F.L. Spangler. 1978. Use of a natural marsh for wastewater polishing. J. Water Pollution Control Federation 50: 290-307.
- Filyk, G. 1993. Agricultural Stewardship. In: Marczyk, J.S., and D.B. Johnson (eds.). 1993. Sustainable Landscapes. Proceedings of the Third symposium of the Canadian Society for Landscape Ecology and Management. Polyscience Publications, Morin Heights, Canada. Pp. 37 43.
- Findlay, S. and J. Houlahan, 1997. Anthropogenic Correlates of Species Richness in Southeastern Ontario Wetlands. Conservation Biology 11(4):1000-1009.
- Fischer, R.A. 2001. Suggestions to assist Section 404 permit decisions involving upland and riparian buffer strips. WRAP Technical Notes Collection (EDRC TN-WRAP-01-06), US Army Engineer Research and Development Center, Vicksburg, MS.
- Fischer, R.A. and J.C. Fischenich. 2000. Design Recommendations for Riparian Corridors and Vegetated Buffer Strips. EMRRP Technical Notes Collection (ERDC TN-EMRRP-SR-24) US Army Engineer Research and Development Center, Vicksburg, MS.
- Fleury, A.M., and R.D. Brown. 1997. A framework for the design of wildlife conservation corridors with specific application to southwestern Ontario. Landscape and Urban planning 37:163-186.
- Forman, R.T.T., and J. Baudry. 1984. Hedgerows and hedgerow networks in landscape ecology. Environmental Management 8: 495-510.
- Forman, R.T.T., and M. Godron. 1981. Patches and structural components for landscape ecology. Bioscience 31: 733-740.
- Freemark, K.E., and B. Collins. 1992. landscape ecology of breeding birds in temperate for3est fragments. In: Ecology and Conservation of Neotropical Migrant Landbirds. J.M. Hagan III and D.W. Johnson (eds.). Smithsonian Institution Press, London.

- Freemark, K.E. and D.A. Kirk. 2001. Birds on Organic and Conventional Farms in Ontario: Partitioning Effects of Habitat and Practices on Species Composition and Abundance. Biological Conservation 101(3): 337-350.
- Frelich, L.E. and P.B. Reich. 2003. Perspectives on Development of Definitions and Values Related to Old growth Forests. Environmental Reviews 11:9-22. Supplement 1.
- Friesen, L.E., P.F. Eagles and R.J. MacKay. 1995. Effects of Residential Development on Forest-dwelling
- Neotropical Migrant Songbirds. Conservation Biology 9(6):1408-1414.
- Friesen, L., M.D. Cadman and R.J. MacKay. 1998. Nesting success of neotropical migrant songbirds in a highly fragmented landscape. Conservation Biology, Vol. 13, No. 2, pp. 338-346.
- Friesen, L.E., V.E. Wyatt and M.D. Cadman. 1999. Pairing success of Wood Thrushes in a fragmented agricultural landscape. Wilson-Bulletin, Vol. 111, No. 2, pp. 279-281.
- Forman, R.T.T. and R.D. Deblinger. 2000. The Ecological Road-Effect Zone of a Massachusetts (U.S.A.) Suburban Highway. Conservation Biology 14(1):36-46.
- Galloway Associates Inc. 2004. Upper Thames River Conservation Authority Strategic Plan.
- Gartner Lee Limited. 1997a. Severn Sound Habitat Restoration Strategy. Final Report. Prepared for the Corporation of the Township of Tay. 42 pp.
- Gartner Lee Limited. 1997b. Wetland and Riparian Targets Pilot Application HoggCreek Watershed. 46 pp.
- Golet, F.H., Y. Wang, J.D. Merrow, W.R. DeRagon. 2001. Relationship between habitat and landscape features and the avian community of red maple swamps in southern Rhode Island. Wilson Bulletin, Vol. 113, No. 2, pp. 217-227.
- Gonzalez, N. 1996. A Citizen's Guide to Protecting Wetlands & Woodlands. Federation of Ontario Naturalists.
- Goodwin, B.J. 2003. Is Landscape Connectivity a Dependent or Independent Variable? Landscape Ecology 18:687-699.
- Greiner, M. and C. Hershner. 1998. Analysis of wetland total phosphorus retention and watershed structure. Wetlands, Vol. 18, No. 1, pp. 142-149.
- Groves, C.R. 2003. Drafting a Conservation Blueprint: A Practitioner's Guide to Planning for Biodiversity. The Nature Conservancy. Island Press. Washington, D.C. 455pp.
- Haddad, N.M., D.R. Browne, A. Cunningham, B.J. Danielson, D.J. Levey, S. Sargent, and T. Spira. 2003. Corridor use by diverse taxa. Ecology 84:609-615.
- Hames, R.S., K.V. Rosenberg, J.D. Lowe and A.A. Dhondt. 2001. Site reoccupation in fragmented landscapes: Testing predictions of metapopulation theory. Journal of Animal Ecology, Vol. 70, No. 2, pp. 182-190.
- Harms, W.B. and P. Opdam. 1990. Woods as habitat patches for birds: application in landscape planning in the Netherlands. Pages 73-97 in: I.S. Zonneveld and R.T.T. Forman (eds.). Changing Landscapes: An Eciological Perspective. Springer-Verlag, New York, New York.

- Harper, K., C. Boudreault, L. DeGrandpre, P. Drapeau, S. Gauthier and Y. Bergeron. 2003.Structure, composition and diversity of old-growth Black Spruce boreal forest of the Clay Belt Region in Quebec and Ontario. Environmental Reviews 11:79-98. Supplement 1.
- Harris, L.D. 1984. The Fragmented Forest: Island Biogeography Theory and the Preservation of Biotic Diversity. University of Chicago Press, Chicago, Illinois.
- Havas, M. 2000. Biological Effects on Non-ionizing Electromagnetic Energy: A Critical Review of the Reports by the US National Research Council and the US National Institute of Environmental Health Sciences as they Relate to the Broad Realm of EMF Bioeffects. Environmental Reviews 8:173-253.
- Hawes, E., and M. Smith. 2005. Riparian Buffer Zones: Functions and Recommended Widths. Prepared for Eightmile River Wild and Scenic Study Committee.
- Henshaw, B. and D. Leadbeater. 1998. The spatial distribution of waterfowl nests and predation patterns in the vicinity of Oshawa Second marsh and Lynde Shores Conservation area. Prepared for Friends of Second Marsh and Environment Canada.
- Henson, B.L., K.E. Brodribb and J.L. Riley. 2005. Great Lakes Conservation Blueprint for Terrestrial Biodiversity. Volume 1. Nature Conservancy of Canada. 157pp.
- Hey, D.L. and J.A. Wickencamp. 1996. Effects of wetlands on modulating hydrologic regimes in nine Wisconsin Watersheds. The Wetlands Initiative, Chicago, Illinois.
- Hicks, A.L. and J.S. Larson. 1997. The impact of urban stormwater runoff on freshwater wetlands and the role of aquatic invertebrate bioassessment. The Environmental Institute, University of Massachusetts. Amherst, MA.
- Hilliard, C., N. Scott, A. Leesa, and S. Reedyk. 2002. Agricultural Best Management Practices for the Canadian Prairies a review of literature. Prepared for the Canada-Saskatchewan Agri-Food Innovation Fund. 72 p. File No.: 6672-1-12-1-18
- Hills, G.A. 1959. A Ready Reference to the Description of the Land of Ontario and its Productivity (A compendium of maps, charts, tables and brief comments). Division of Research, Ontario Department of Lands and Forests. Maple, ON. 142pp.
- Hilts, S.G., and R. Reid. 1993. Creative Conservation: A Handbook for Ontario Landtrusts. Federation of Ontario Naturalists, Don Mills.
- Houlahan, J.E. and S.C. Findlay. 2003. The Effects of Adjacent Land Use on Wetland Amphibian Species Richness and Community Composition. Canadian Journal of Fisheries and Aquatic Sciences 60(9):1078-1094.
- Jalava, J.V., P.J. Sorrill, J. Henson, and K. Brodribb. 2000. The Big Picture Project: Developing a Natural Heritage Vision for Canada's Southernmost Ecological Region. Natural Heritage Information Centre, Ontario Ministry of Natural Resources.
- Johnson, C.A., N.E. Detenbeck and G.J. Nieme. 1990. The cumulative effects of wetlands on stream quality and quantity, a landscape approach. Biogeochemistry, Vol. 10, pp. 105-141.
- Johnson, F.M. 1999. The Protection and Management of Woodlands on Private Land in Ontario: A Review of Relevant Legislation, Policy and Implementation Tools. In: Federation of Ontario Naturalists (eds.). 1999. Southern Ontario Woodlands: The Conservation Challenge. Pp. 112 - 121.

- Kintsch, J.A. and D.L. Urban. 2002. Focal Species, Community Representation, and Physical Proxies as Conservation Strategies: A Case Study in the Amphibolite Mountains, North Carolina, U.S.A Conservation Biology 16(4):936-947.
- Klein R. 1979. Urbanization and stream quality impairment. American Water Resources Association, Water Resources Bulletin, Vol. 15, No. 4.
- Kneeshaw, D. and S. Gauthier. 2003. Old Growth in the Boreal Forest: A Dynamic Perspective at the Stand and Landscape Level. Environmental Reviews 11:99-114. Supplement 1.
- Knutson, K.L. and V.F. Naef. 1997. Management recommendations for Washington's priority habitats riparian. Washington Department of Fish and Wildlife.
- Lake Simcoe Region Conservation Authority. March 2006. Natural Heritage System Land Securement Project 2006 2010. 40pp.
- Larson, B.M., J.L. Riley, E.A. Snell and H.G. Godschalk. 1999. The Woodland Heritage of Southern Ontario. A Study of Ecological Change, Distribution and Significance. Federation of Ontario Naturalists. 262pp.
- Lathern Group. 1978. Napanee River Basin Study. Prepared for the Napanee Region Conservation Authority. Napanee, Ontario.
- Lathern Group. 1985. Consecon Creek Watershed Management Study. Prepared for the Prince Edward Region Conservation Authority. Picton, Ontario.
- Lee, M., L. Fahrig, K. Freemark and D.J. Currie. 2002. Importance of Patch Scale vs. Landscape Scale on Selected Forest Birds. Oikos 96(1):110-118.
- Levenson, J.B. 1981. Woodlots as biogeographic islands in southeastern Wisconsin. pp. 13 39. In: R.L. Burgess and D.M. Sharpe (eds.). Forest Island Dynamics in Man-Dominated Landscapes. Springer-Verlag. 310 pp.
- Lesica, P. and F.W. Allendorf. 1995. When are Peripheral Populations Valuable for Conservation? Conservation Biology 9(4):753-760.
- Lichstein, J.W., T.R. Simons and K.E. Franzreb. 2002. Landscape effects on breeding songbird abundance in managed forests. Ecological Applications, Vol. 12, No. 3, pp. 836-857.
- Limburg, K. and R. Schmidt. 1991. Patterns of fish spawning in Hudson River tributaries response to an urban gradient? Ecology, Vol. 71, No. 4, pp. 1231-1245.
- Lindenmayer, D.B., R.B. Cunningham, C.F. Donnelly, H. Nix and B.D. Lindenmayer. 2002. Effects of forest fragmentation on bird assemblages in a novel landscape context. Ecological Applications, Vol. 72, No. 1, pp. 1-18.
- Linehan, J., M. Gross, and J. Finn. 1995. Greenway planning: developing a landscape ecological network approach. Landscape and Urban Planning 33:179-193.
- Lomolino, M.V. and R. Channell. 1995. Splendid Isolation: Patterns of Geographic Range Collapse in Endangered Mammals. Journal of Mammalogy 76:335-347.
- Lovett-Doust, J., M. Biernacki, R. Page, M. Chan, R. Natgunarajah and G. Timis. 2003. Effects of Land Ownership and Landscape-level Factors on Rare-species Richness in Natural Areas of Southern Ontario, Canada. Landscape Ecology 18:621-633.

- Lovett-Doust, J. and K. Kuntz. 2001. Land Ownership and other Landscape-level Effects on Biodiversity in Southern Ontario's Niagara Escarpment Biosphere Reserve, Canada. Landscape Ecology 16:743-755.
- MacArthur, R.H. and E.O. Wilson. 1967. The Theory of Island Biogeography. Monographs in Population Biology. No 1. Princeton University Press. Princeton, N.J. 224pp.
- MacClintock, L., R.F. Whitcomb, and B.L. Whitcomb. 1977. Evidence for the value of corridors and minimization of isolation in preservation of biotic diversity. American Birds 31(1): 6-16.
- MacLellan, P. and J.M. Stewart. 1985. Latitudinal Gradients in Vegetation along a Disturbed Transmission Line Right-of-way in Manitoba. Canadian Journal of Botany 64(7):1311-1320.
- Mann, C.C. and M.L. Plummer. 1995. Are wildlife corridors the right path? Science 270: 1428-1430.
- Margules, C., A.J. Higgs, and R.W. Rafe. 1982. Modern biogeographic theory: are there any lessons for nature reserve design? Biological Conservation 24: 115-128.
- Matlack, G.R. 1994. Vegetation Dynamics of the Forest Edge Trends in Space and Time. Journal of Ecology 82:113-123.
- Matlack G.R. 1993. Microenvironment Variation Within and Among Forest Edge Sites in the Eastern United States. Biological Conservation 66:185-194.
- May, C., R. Horner, J. Karr, B. Mar and E. Welch. 1997. Effects of urbanization on small streams in the Puget Sound Lowland Ecoregion. Watershed Protection Techniques.
- Mayer, P.M., S.K. Reynolds, M.D. McCutchen, and T.J. Canfield. 2005. Riparian buffer width, vegetative cover, and nitrogen removal effectiveness: A review of current science and regulations. EPA/600/R-05/118. Cincinnati, OH, U.S. Environmental Protection Agency.
- Mayer, J.L., L.A. Kaplan, D. Newbold, D.L. Strayer, C.J. Woltemade, J.B. Zedler, R.B. Beilfuss, Q. Carpenter, R. Semlitsch, M.C. Watzin, and P.H. Zedler.. 2003. Where Rivers are Born: The Scientific Imperative for Defending Small Streams and Wetlands. Prepared for American Rivers and Sierra Club Foundation.
- Mazerolle, M.H. and M.A. Villard. 1999. Patch Characteristics and Landscape Context as Predicators of Species Presence and Abundance: A Review. Ecoscience 6:117-124.
- Mech, L.D., S.H. Fritts, G.L. Radde and W.J. Paul. 1988. Wolf distribution and road density in Minnesota. Wildlife society Bulletin 16: 85-87.
- Mech, S.G. and J.G. Hallett. 2001. Evaluating the effectiveness of corridors: a genetic approach. Conservation Biology 15: 467 474.
- Meir, E., S. Andelman, and H. Possingham. 2004. Does conservation planning matter in a dynamic and uncertain world? Ecology Letters 7(8): 615-622.
- Merriam, G., K. Henein, and K. Stuart-Smith. 1991. Landscape dynamics models. Pages 399 416 in: M.G. Turner and R.H. Gardner (eds.). Quantitative methods in Landscape Ecology: the Analysis and Interpretation of Landscape Heterogeneity. Springer-Verlag, New York, New York.

- Mooney, P.F. 1993. Structure and connectivity as measures of sustainability in agro ecosystems. In: Marczyk, J.S., and D.B. Johnson (eds.). 1993. Sustainable Landscapes. Proceedings of the Third symposium of the Canadian Society for Landscape Ecology and Management. Polyscience Publications, Morin Heights, Canada. pp. 13 25.
- Mosseler, A., I. Thompson and B.A. Pendre. 2003. Overview of Old-growth Forests in Canada from a Science Perspective. Environmental Reviews 11:1-7. Supplement 1.
- Murphy, B.D. 2006. Position Statement: Utilization of 100 Foot Buffer Zones to Protect Riparian Areas in Connecticut. Inland Fisheries Division.
- Nathan, R., G.G. Katul, H.S. Horn, S.M. Thomas, R. Oren, R. Avissars, S.W. Pacala, and S. Levin. 2002. Mechanisms of long-distance dispersal of seeds by wind. Nature 418: 409 413.
- Natural Resources Canada. 2005. Conservation Lands: Integrating Conservation and Sustainable management in Canada's Forests. McAfee, B., and C. Malouin (eds.) 68 pp.
- Nature Conservancy of Canada. 2005. The Great Lakes Conservation Blueprint for Terrestrial Biodiversity. Volume 1. 157 pp.
- Nature Conservancy of Canada. 2005. The Great Lakes Conservation Blueprint for Terrestrial Biodiversity. Volume 2. 157 pp.
- Nelson, J.G., C. Lussier and P.L. Lawrence. 1999. Natural Heritage Planning in the Carolinina Canada Zone. Final Report. 41pp. + Appendices.
- Newcombe, C.P. and D.D. MacDonald. 1991. Effects of suspended sediments on aquatic ecosystems. North American Journal of Fisheries Management, Vol. 11, No. 1, pp. 72-82.
- Newmark, W.D. 1987. A land-bridge island perspective on mammalian extinctions in western North American parks. Nature 325: 430-432.
- Noss, R.F. North American wilderness recovery project: land conservation strategy. In: Beechey, T.J., G.R. Francis, and D.M. Powell (eds). 1993. Caring for Southern remnants: Special Species, Special Spaces. Proceedings of the 12th Annual general Meeting of the Canadian Council on Ecological Areas Millennium Edition. Avant Litho Aurora, ON. pp. 59 79.
- O'Connell, M.A., and R.F. Noss. 1992. Private land management for biodiversity conservation. Environmental Management 16(4): 435-450.
- Oliver, I., A. Holmes, J.M. Dangerfield, M. Gillings, A.J. Pik, D.R. Britton, M. Holley, M.E. Montgomery, M. Raison, V. Logan, R.L. Pressey and A.J. Beattie. 2004. Land Systems as Surrogates for Biodiversity in Conservation Planning. Ecological Applications 14(2):485-503.
- Ontario Land trust Alliance (OLTA). 2005. Land Securement Manual, 2nd edition.
- Ontario Ministry of Natural Resources. 1984. Wetlands in Ontario. Wildlife Branch, Toronto, Ontario.
- Ontario Ministry of Natural Resources, 1994. Conserving Ontario's Old Growth Forest Ecosystems: Final Report of the Old Growth Forests Policy Advisory Committee. Queen's Printer for Ontario. 113pp.

- Ontario Ministry of Natural Resources. 1997b. Nature's Best. Ontario's Parks and Protected Areas. A Framework and Action Plan. Lands and Natural Heritage Branch, The Natural Heritage Section. Queen's Printer for Ontario. 37pp.
- Ontario Ministry of Natural Resources. 1999. Ontario Living Legacy: Land Use Strategy. July 1999. Queen's Printer for Ontario. 136pp.
- Ontario Ministry of Natural Resources. 1999b. Natural Heritage Reference Manual for Policy 2.3 of the Provincial Policy Statement.127pp.
- Ontario Ministry of Natural Resources (OMNR). 2000. Significant Wildlife Habitat, Technical Guide.
- Ontario Ministry of Natural Resources (OMNR). 2000a. Vegetative Buffer Strips and Wetlands.
- Ontario Ministry of Natural Resources. 2005. Ontario Biodiversity Strategy: Protecting What Sustains Us. Working Draft for Public Comment.
- Ontario Ministry of Natural Resources and Watershed Science Centre. 2002. Adaptive Management of Stream Corridors in Ontario. Document prepared through a collaborative effort from the staff of the Ontario Ministry of Natural Resources and Others. Peterborough Ontario, Trent University, Watershed Science Centre. One compact Disc. ISBN: 0-9688196-0-5 Queens Printer for Ontario
- Paton, P.W.C. 1994. The Effect of Edge on Avian Nest Success: How Strong is the Evidence. Conservation Biology 8:17-26.
- Perera, A.H. and D.J.B. Baldwin. 2000. Spatial Patterns in the Managed Forest Landscape of Ontario. In: Perera, A.H., D.L. Euler and I.D. Thompson (Editors). 2000. Ecology of a Managed Terrestrial Landscape: Patterns and Processes of Forest Landscapes in Ontario. UBC Press and OMNR. 336pp.
- PPS (Provincial Policy Statement). 2005. Ontario Provincial Policy Statement. Queen's Printer for Ontario. 37pp.
- Reid, R. 2002. Practical Options for the Greening of Carolinian Canada. The Carolinian Canada Coalition.
- Rich, A.C., D.S. Dobkin and L.J. Niles. 1994. Defining Forest Fragmentation by Corridor Width: The Influence of Narrow Forest-Dividing Corridors on Forest-Nesting Birds in Southern New Jersey. Conservation Biology 8(4):1109-1121.
- Riffell, S.K., B.E. Keas and T.M. Burton. 2003. Birds in North American Great Lakes Coastal Wet Meadows: Is Landscape Context Important? Landscape Ecology 18(2):95-111.
- Riley, J.L. 1999. Southern Ontario Woodlands In: Federation of Ontario Naturalists (eds.). 1999. Southern Ontario Woodlands: The Conservation Challenge. Pp. 9 22.
- Riley, J.L. and P. Mohr. 1994. The Natural Heritage of Southern Ontario's Settled Landscapes. A review of Conservation Biology and Restoration Ecology for Land use and Landscape Planning. OMNR, Southern Region, Aurora, Science and Technology Transfer, Technical Report TR-001. 78pp.
- Robbins, C.S., D.K. Dawson, and B.A. Dowell. 1989. Habitat area requirements of breeding birds of the middle Atlantic states. Wildlife Monographs, Vol. 103. 34pp.

- Rosenburg, K.V., R.W. Rohrbaugh, Jr., S.E. Barker, J.D. Lowe, R.S. Hames and A.A. Dhondt. 1999. A land manager's guide to improving habitat for Scarlet Tanagers and other forest-interior birds. The Cornell Lab of Ornithology.
- Rosgen, D. 1996. Applied River Morhpology. Printed Media Companies, Minneapolis, Minnesota, USA. ISBN 0-9653289-0-2.
- Rubec, C.D.A., A.M. Turner, and E.B. Wiken. 1993. Integrated modeling for protected areas and biodiversity assessment in Canada In: Marczyk, J.S., and D.B. Johnson (eds.). 1993.
  Sustainable Landscapes. Proceedings of the Third symposium of the Canadian Society for Landscape Ecology and Management. Polyscience Publications, Morin Heights, Canada. Pp. 157 176.
- Ruggieri, D., and D. England (facilitators). 1993. Biodiversity for sustainable landscapes. In: Marczyk, J.S., and D.B. Johnson (eds.). 1993. Sustainable Landscapes. Proceedings of the Third symposium of the Canadian Society for Landscape Ecology and Management. Polyscience Publications, Morin Heights, Canada. Pp. 225 230.
- Sandilands, A.P. and S.W. Hounsell. 1994. The effects of 500kV transmission facilities on forest birds in two wetland forest systems in southern Ontario testing for the edge effect. pp. 1-12 In: Snodgrass, W.J. (ed.). Wetland Impacts Workshop. Grand River Conservation Authority. Cambridge, Ontario.
- Schreiber, K.F. 1990. the history of landscape ecology in Europe. In: I.S. Zonneveld and R.T.T. Forman (eds.). Changing Landscapes: an Ecological Perspective. Springer-Verlag, New York. Pp. 21-34.
- Schueler, T. 1994. The importance of imperviousness. Watershed Protection Techniques. Vol. 1, No.3, pp. 100-111.
- Schwartz, M.W. 1999. Choosing an appropriate scale for conservation reserves. Annual Review Ecology and Systematics 30: 83-108.
- Scott, R.. 1993. Ecological futures for the national capital greenbelt: the application of landscape ecology principles. In: Marczyk, J.S., and D.B. Johnson (eds.). 1993. Sustainable Landscapes. Proceedings of the Third symposium of the Canadian Society for Landscape Ecology and Management. Polyscience Publications, Morin Heights, Canada. Pp. 105-122.
- Semlitsch, R.D. and J.R. Bodie. 2003. Biological Criteria for Buffer Zones around Wetlands and Riparian Habitats for Amphibians and Reptiles. Conservation Biology 17(5):1219-1228.
- Semlitsch, R.D, and J.B. Jensen. 2001. Core Habitat, Not Buffer Zone. In: National Wetlands Newsletter, vol. 23, no. 4. copyright 2001, Environmental Law Institute, Washington DC.
- Snell, E.A. 1987. Wetland Distribution in Southern Ontario. Working Paper No. 48. Canada Land Use Monitoring Program, Environment Canada. 53pp.
- Snell, E.A. 1999. Woodland Distribution and Change. In: Federation of Ontario Naturalists (eds.). 1999. Southern Ontario Woodlands: The Conservation Challenge. Pp. 29.
- Snell and Cecile Environmental Research. 1990. Development of delivery ratio maps for the lake Erie non-point source modeling project. Unpublished report for the Upper Thames River Conservation Authority. London, Ontario.

- Snell and Cecile Environmental Research. 1992. Targeting for wetland habitat improvement in the Lake Erie basin. Report for the Inland Waters Directorate. Environment Canada, Burlington. 14pp.
- Snell, E., L. Hun and B. McHattie. 1998. Guidelines: Application to the Niagara River Area of Concern. Environment Canada, Ontario Region. Schartz, M. and M.F. Goodwin. 1999. The Massachusetts Resource Identification Project: Project Report. 19pp.
- Snodgrass, W. 1992. Proposed environmental guidelines for land-use planning in new urban developments. Pp. 313-348. In: Snodgrass, W.J. and J.C.P'Ng (eds.). Implementation of pollution control measures for urban stormwater runoff. University of Toronto Press. Downsview.
- Soil Conservation Society of America. 1987. Wetland conservation: a call for action. In: McIlwraith Field Naturalists of London (eds). Our Disappearing Wetlands: A Seminar to promote the Preservation of Wetlands. Pp. 17-22.
- Soulé, M.E. and J. Terborgh. 1999. Conserving nature at regional and continental scales a scientific program for North America. Bioscience 49: 809-817.
- Stammler, K.L. 2005. Agricultural Drains as Fish Habitat in Southwestern Ontario. University of Guelph, Guelph, Ontario. 45 pages.
- Steedman, R.J. 1987. Comparative analysis of stream degradation and rehabilitation in the Toronto area. Ph.D. Thesis, University of Toronto. 172 pp.
- Stoms, D.M. 2000. GAP Management Status and Regional Indicators of Threats to Biodiversity. Landscape Ecology 15(1):21-33.
- Strobl, S. 2003. The Forest and Wetland Connection. In: Buse, L.J. and A.H. Perera (compilers). 2003. Meeting Emerging Ecological, Economic and Social Challenges in the Great Lakes Region: Popular Summaries. Forest Research Information Paper No. 155. Ontario Forest Research Institute, OMNR. 167pp.
- Tabacchi, E., D.L. Correll, R. Hauer, G. Pinay, A.M. Planty-Tabacchi and R.C. Wissmar. 1998. Development, Maintenance and Role of Riparian Vegetation in the River Landscape. Freshwater Biology 40(3):497-516.
- Tate, D.P. 1998. Assessment of the Biological Integrity of Forest Bird Communities: A Draft Methodology and Field Test in the Severn Sound Area of Concern. Severn Sound RAP Technical Report. Canadian Wildlife Service Ontario Region.
- Taylor, B., K. Ludwa and R. Horner. 1995. Urbanization effects on wetland hydrology and water quality. Proceedings of the Third Puget Sound Research Meeting, Puget Sound Water Quality Authority, Olympia, WA.
- Thiel, R.P. 1985. Relationship between road densities and wolf habitat sutiability in Wisconsin. American Midland Naturalist 113: 404 407.
- Thomas, J.W. (ed.). 1979. Wildlife Habitats in Managed Forests: The Blue Mo8ntains of Oregon and Washington. USDA Forest Service Agrucultural Handbook No. 553. Washington, DC.
- Tikka, P.M., H. Högmander and P.S. Koski. 2001. Road and Railway Verges Serve as Dispersal Corridors for Grassland Plants. Landscape Ecology 16(7):659-666.

- Toronto and Region Conservation Authority. 1996. Don Watershed Fisheries Management Plan. Draft. Prepared with the Don Watershed Council and the Ontario Ministry of Natural Resources.
- Toronto and Region Conservation Authority. 2005. Greenlands Acquisition Project for 2006 2010. 32pp.
- Trzcinski, M.K., L. Fahrig and G. Merriam. 1999. Independent effects of forest cover and fragmentation on the distribution of forest breeding birds. Ecological Applications, Vol. 9, No. 2, pp. 586-593.
- Upper Thames River Conservation Authority. 2003. The Middlesex Natural Heritage Study: A Natural Heritage Study to Identify Significant Woodland Patches in Middlesex County.
- Upper Thames River Conservation Authority. 2006. Environmental Planning Policy Manual for the Upper Thames River Conservation Authority. Appendix 9.1.7.
- Usher, M.B. (ed.). 1986. Wildlife Conservation Evaluation. Chapman and Hall, London, U.K.
- Villard, M.A., M.K. Trzcinski and G. Merriam. 1999. Fragmentation Effects on Forest Birds: Relative Influence of Woodland Cover and Configuration on Landscape Occupancy. Conservation Biology 13(4):774-783.
- Wang, N. and W.J. Mitsch. 1995. Estimating phosphorus retention of existing and restored wetlands in the Quanicassee River watershed, Saginaw Bay, Michigan. Prepared for the Wetlands Initiative, Chicago, Illinois.
- Weaver, L.A. 1991. Low-intensity watershed alteration effects on fish assemblage structure and function in a Virginia Piedmont Stream. Unpublished Masters Thesis. Virginia Commonwealth University. 77 pp.
- Wessels, K.J., S. Freitag, and A.S. van Jaarsveld. 1999. The use of land facets as biodiversity surrogates during reserve selection at a local scale. Biological Conservation 89: 21-38.
- White, D., P.G. Minotti, M.J. Barczak, J.C. Sifneos, K.A. Freemark, M.V. Santelmann, C.F. Steinitz, A.R. Kiester and E.M. Preston. 1996. Assessing Risks to Biodiversity from Future Landscape Change. Conservation Biology 11(2):349-360.
- Wichert, G.A., K.E. Brodribb, B.L. Henson and C. Phair. 2005. Great Lakes Conservation Blueprint for Aquatic Biodiversity. Volume 1. Nature Conservancy of Canada. 86pp.
- Wiens, J.A. 2002. Riverine Landscapes: Taking Landscape Ecology into the Water. Freshwater Biology 47:501-515.
- Wiersma, Y. 1996. Corridors in a regional conservation plan. A commentary on the use of corridors using the greater Georgian Bay ecosystem as a model. The George Wright Forum 13(2):51-62.
- Willistown Conservation Trust. 2007. Riparian Buffer Management. In: Your Land, Your Legacy A management guide for Landowners. Prepared by the Willistown Conservation Trust by the Willistown Conservation Trust.
- World Wildlife Fund (WWF) Canada. 1990. Endangered Spaces: Progress Report, No. 1. Toronto, Ontario. 34pp.

## UTRCA Property Assessment Project

Yahner, R.H., W.C. Bramble and W.R. Byrnes. 2001. Effect of Vegetation Maintenance of an Electric Transmission Right-of-Way on Reptile and Amphibian Populations. Journal of Arboriculture 27(1):24-29.

Yahner, R.H., R.J. Hutnik and S.A. Liscinsky. 2002. Bird Populations Associated with an Electric Transmission Right-of-way. Journal of Arboriculture 28(3):123-130.