

REFERENCES

- Barnett, P.J. 1992. Quaternary geology of Ontario. In *Geology of Ontario*, eds. P.C. Thurston, H.R. Williams, R.H. Sutcliffe, and G.M. Scott, Ontario Geological Survey Special Volume 4, Part 2, pp. 1011-1088. Sudbury, Ontario: Ontario Geological Survey.
- Blasco, S.M. 2001. Geological history of Fathom Five National Marine Park over the past 15000 years. In *Ecology, Culture and Conservation of a Protected Area: Fathom Five National Marine Park, Canada*, eds. S. Parker and M. Munawar, Ecovision Monograph Series, pp. 45-62. Leiden, The Netherlands: Backhuys Publishers.
- Booth, R.K., Jackson, S.T. and Thompson, T.A. 2002. Paleoecology of a northern Michigan lake and the relationship among climate, vegetation, and Great Lakes water levels. *Quaternary Research* 57: 120-130.
- Clark, J.A., Hendriks, M., Timmermans, T.J., Struck, C. and Hilverda, K.J. 1994. Glacial isostatic deformation of the Great Lakes region. *Geological Society of America Bulletin* 106: 19-31.
- Colman, S.M., Forester, R.M., Reynolds, R.L., Sweetkind, D.S., King, J.W., Gangemi, P., Jones, G.A., Keigwin, L.D. and Foster, D.S., 1994a. Lake-level history of Lake Michigan for the past 12,000 years: the record from deep lacustrine sediments. *Journal of Great Lakes Research*, 20: 73-92.
- Colman, S.M., Clark, J.A., Clayton, L., Hansel, A.K. and Larsen, C.E. 1994b. Deglaciation, lake levels, and meltwater discharge in the Lake Michigan basin. *Quaternary Science Reviews* 13: 879-890.

- Croley, T.E., II 1989. Verifiable evaporation modeling on the Laurentian Great Lakes. *Water Resources Research* 25(5):781-792.
- Croley, T.E., II 1990. Laurentian Great Lakes double-CO₂ climate change hydrological impacts. *Climatic Change* 17:27-47.
- Croley, T.E., II 1992a. Long-term heat storage in the Great Lakes. *Water Resources Research* 28(1):69-81.
- Croley, T.E., II 1992b. Climate change impacts on Great Lakes water supplies. In *Proceedings of the Symposium on Managing Water Resources During Global Change*, pp. 241-250, American Water Resources Association.
- Croley, T.E., II 2002. Large basin runoff model. In *Mathematical Models in Watershed Hydrology* eds. V. Singh, D. Frevert, and S. Meyer, pp. 717-770. Littleton, Colorado: Water Resources Publications.
- Croley, T.E., II 2003. *Great Lakes Climate Change Hydrological Impact Assessment, IJC Lake Ontario—St. Lawrence River Regulation Study*. Great Lakes Environmental Research Laboratory, Ann Arbor, Michigan, NOAA Tech. Memo. GLERL-126.
- Croley, T.E., II 2005. Using Climate Predictions in Great Lakes Hydrologic Forecasts. In *Climatic Variability, Climate Change, and Water Resources Management*, eds. J. Garbrecht and T. Piechota, pp. 166-187. Arlington, Virginia: American Society of Civil Engineers.
- Croley, T.E., II 2006. *Modified Great Lakes Hydrology Modeling System for Considering Simple Extreme Climates*. Great Lakes Environmental Research Laboratory, Ann Arbor, Michigan, NOAA Tech. Memo. GLERL-137.

- Croley, T.E., II, and Luukkonen, C.L. 2003. Potential climate change impacts on Lansing, Michigan ground water. *Journal of the American Water Resources Association* 39(1):149-163.
- Croley, T.E., II, Quinn, F.H., Kunkel, K.E., and Changnon, S.J. 1998. Great Lakes hydrology under transposed climates. *Climatic Change* 38:405-433.
- Dean, W.E., Forester, R.M. and Bradbury, J.P. 2002. Early Holocene change in atmospheric circulation in the Northern Great Plains: and upstream view of the 8.2 ka cold event. *Quaternary Science Reviews* 21, 1763-1775.
- Delorme, L.D. 1996. Burlington Bay, Lake Ontario: Its paleolimnology based on fossil ostracodes. *Water Quality Research Journal Canada* 31: 643-671.
- Duthie, H.C., Yang, J.-R., Edwards, T.W.D., Wolfe, B.B. and Warner, B.G. 1996. Hamilton Harbour, Ontario: 8300 years of limnological and environmental change inferred from microfossil and isotopic analyses. *Journal of Paleolimnology* 15: 79-97.
- Dyke, A.S., Moore, A. and Robertson, L. 2003. *Deglaciation of North America*. Geological Survey of Canada Open File 1574, 2 map sheets, 1 CD-ROM.
- Dyke, A.S., Giroux, D. and Robertson, L. 2004. *Paleovegetation maps of northern North America, 18,000 to 1000 BP*. Geological Survey of Canada Open File 4682, 1 map sheet, 1 CD-ROM.
- Edwards, T.W.D., Wolfe, B.B. and MacDonald, G.M. 1996. Influence of changing atmospheric circulation on precipitation $\delta^{18}\text{O}$ – temperature relations in Canada during the Holocene. *Quaternary Research* 46: 211-218.

- Eschman, D.F. and Karrow, P.F., 1985. Huron basin glacial lakes: a review, p. 79-93. In *Quaternary Evolution of the Great Lakes*, eds. P.F. Karrow and P.E. Calkin, Geological Association of Canada, Special Paper 30, 258 p.
- Hansel, A.K., Mickelson, D.M., Schneider, A.F. and Larsen, C.E., 1985. Late Wisconsinan and Holocene history of the Lake Michigan basin, p. 39-53. In *Quaternary Evolution of the Great Lakes*, eds. P.F. Karrow and P.E. Calkin, Geological Association of Canada, Special Paper 30, 258 p.
- Hartmann, H.C. 1990. Climate change impacts on Laurentian Great Lakes levels. *Climatic Change* 17:49-67.
- Holcombe, T.L., Taylor, L.A., Reid, D.F., Warren, J.S., Vincent, P.A., and Herdendorf, C.E. 2003. Revised Lake Erie postglacial lake level history based on new detailed bathymetry. *Journal of Great Lakes Research* 29, 681-704.
- International Great Lakes Diversions and Consumptive Uses Study Board 1985. *Great Lakes Diversions and Consumptive Uses*. International Joint Commission, Washington, D. C.
- Keen, K.L., and Shane, L.C.K. 1990. A continuous record of Holocene eolian activity and vegetation change at Lake Ann, east-central Minnesota. *Geological Society of America* 102:1646-1657.
- Kutzback, J.E., and Web, T., III, 1993. Conceptual basis for understanding late Quaternary climates, p. 5-11, Chapter 2. In *Global Climates Since the Last Glacial Maximum*, eds. H.E. Wright Jr., J.E. Kutzback, T. Webb III, W.F. Ruddiman, F.A. Street-Perrot, and P.J. Bartlein, University of Minnesota Press, Minneapolis, Minnesota, 569 p.

- Larson, G. and Schaetzl, R., 2001. Origin and evolution of the Great Lakes. *Journal of Great Lakes Research*, 27: 518-546.
- Lewis, C.F.M., and Anderson, T.W. 1989. Oscillations of levels and cool phases of the Laurentian Great Lakes caused by inflows from glacial lakes Agassiz and Barlow-Ojibway. *Journal of Paleolimnology* 2: 99-146.
- Lewis, C.F.M., Moore Jr., T.C., Rea, D.K., Dettman, D.L., Smith, A.M. and Mayer, L.A. 1994. Lakes of the Huron basin: their record of runoff from the Laurentide Ice Sheet. *Quaternary Science Reviews* 13: 891-922.
- Lewis, C.F.M., Blasco, S.M. and Gareau, P.L. in press a. Glacio-isostatic adjustment of the Laurentian Great Lakes basin: using the empirical record of strandline deformation for reconstruction of early Holocene paleolakes and discovery of a hydrologically closed phase. *Géographie physique et Quaternaire*.
- Lewis, C.F.M., Heil Jr., C.W., Hubeny, J.B., King, J.W., Moore Jr, T.C. and Rea, D.K. in press b. The Stanley unconformity in Lake Huron basin, evidence for a climate-driven closed lowstand about 7900 ¹⁴C BP, with similar implications for the Chippewa lowstand in Lake Michigan basin. *Journal of Paleolimnology*.
- Lofgren, B.M, Quinn, F.H., Clites, A.H., Assel, R.A., Eberhardt, A.J., and Luukkonen, C.L. 2002. Evaluation of potential impacts on Great Lakes water resources based on climate scenarios of two GCMs. *Journal of Great Lakes Research* 28(4):537-554.
- McAndrews, J.H. 1994. Pollen diagrams for southern Ontario applied to archeology. In *Great Lakes Archeology and Palaeoecology: Exploring Interdisciplinary Initiatives for the Nineties*, ed. R. I. MacDonald, Quaternary Sciences Institute, University of Waterloo, Waterloo, Ontario, 179-195.

- Moore Jr., T.C., Rea, D.K., Mayer, L.A., Lewis, C.F.M., and Dobson, D.M. 1994. Seismic stratigraphy of Lake Huron - Georgian Bay and postglacial lake history. *Canadian Journal of Earth Sciences* 31: 1606-1617.
- Moore, Jr., T.C., Walker, J.C.G., Rea, D.K., Lewis, C.F.M., Shane, L.C.K. and Smith, A.J. 2000. The Younger Dryas interval and outflow from the Laurentide Ice Sheet. *Paleoceanography*, 15: 4-18.
- Mortsch, L.D., and Quinn, F.H. 1996. Climate change scenarios for Great Lakes basin ecosystem studies. *Limnol. Oceanogr.* 41:903-911.
- Mortsch, L.D., Hengelveld, H., Lister, M., Lofgren, B.M., Quinn, F.H., Slivitsky, M., and Wenger, L. 2000. Climate change impacts on the hydrology of the Great Lakes—St. Lawrence system. *Journal of Hydrology* 37:295-307.
- Quinn, F.H., and Croley T.E., II 1999. Potential climate change impacts on Lake Erie. In *State of Lake Erie (SOLE)—Past, Present and Future*, eds. M. Munawar, T Edsall, and I.F. Munawar, Ecovision World Monograph Series, pp. 23-30. Leiden, The Netherlands: Backhuys Publishers.
- Rea, D.K., Moore Jr., T.C., Lewis, C.F.M., Mayer, L.A., Dettman, D.L., Smith, A.J., and Dobson, D.M. 1994. Stratigraphy and paleolimnologic record of lower Holocene sediments in northern Lake Huron and Georgian Bay. *Canadian Journal of Earth Sciences* 31:1586-1605.
- Sarvis, A.P. 2000. *Postglacial water levels in the Great Lakes region in relation to Holocene climate change: thecamoebian and palynological evidence*. MSc thesis, Department of Earth Sciences, Brock University, St. Catharines Ontario, 169 p.

- Teller, J.T. 1985. Lake Agassiz and its influence on the Great Lakes, pp. 1-16. In *Quaternary Evolution of the Great Lakes*, eds. P.F. Karrow and P.E. Calkin, Geological Association of Canada, Special Paper 30, 258 p.
- Teller, J.T. 1987. Proglacial lakes and the southern margin of the Laurentide Ice Sheet, pp. 39-69. In *North America and Adjacent Oceans During the Last Deglaciation*. Geological Society of America, eds. W.F. Ruddiman and H.E. Wright, The Geology of North America, K-3.
- Teller, J.T. and Leverington, D.W. 2004. Glacial Lake Agassiz: A 5000 yr history of change and its relationship to the $\delta^{18}\text{O}$ record of Greenland. *Geological Society of America Bulletin* 116:729-742.