

LCBP Technical Reports

1) A Research and Monitoring Agenda for Lake Champlain. Proceedings of a Workshop, December 17-19, 1991, Burlington, VT. Lake Champlain Research Consortium. May 1992.

2) Design and Initial Implementation of a Comprehensive Agricultural Monitoring and Evaluation Network (CAMEN) for the Lake Champlain Basin. New York-Vermont Strategic Core Group. February 1993.

3) (a) GIS Management Plan for the Lake Champlain Basin Program. Vermont Center for Geographic Information, Inc., and Associates in Rural Development. March 1993.

(b) Handbook of GIS Standards and Procedures for the Lake Champlain Basin Program. Vermont Center for Geographic Information, Inc. March 1993.

(c) GIS Data Inventory for the Lake Champlain Basin Program. Vermont Center for Geographic Information, Inc. March 1993.

4) (a) Lake Champlain Economic Database Project. Executive Summary. Holmes & Associates. March 1993.

(b) Socioeconomic Profile, Database, and Description of the Tourism Economy for the Lake Champlain Basin. Holmes & Associates. March 1993.

(c) Socioeconomic Profile, Database, and Description of the Tourism Economy for the Lake Champlain Basin - Appendix. Holmes & Associates. March 1993.

(d) Potential Applications of Economic Instruments for Environmental Protection in the Lake Champlain Basin. Anthony Artuso. March 1993.

(e) Conceptual Framework for Evaluation of Pollution Control Strategies and Water Quality Standards for Lake Champlain. Anthony Artuso. March 1993.

5) Lake Champlain Sediment Toxics Assessment Program. An Assessment of Sediment-Associated Contaminants in Lake Champlain - Phase 1. Alan McIntosh, Editor, University of Vermont School of Natural Resources. February 1994.

(a) Lake Champlain Sediment Toxics Assessment Program. An Assessment of Sediment - Associated Contaminants in Lake Champlain - Phase 1. Executive Summary. Alan McIntosh, Editor, University of Vermont School of Natural Resources. February 1994.

6) Lake Champlain Nonpoint Source Pollution Assessment. Lenore Budd, Associates in Rural Development Inc., and Donald Meals, UVM School of Natural Resources. February 1994.

(a) Lake Champlain Nonpoint Source Pollution Assessment. Appendix. Lenore Budd, Associates in Rural Development Inc. and Donald Meals, University of Vermont School of Natural Resources. February 1994.

7) Internal Phosphorus Loading Studies of St. Albans Bay. Executive Summary. VT Dept of Environmental Conservation. March 1994.

(a) Dynamic Mass Balance Model of Internal Phosphorus Loading in St. Albans Bay, Lake Champlain. Eric Smeltzer, Neil Kamman, Karen Hyde, and John C. Drake. Vermont Department of Environmental Conservation. March 1994.

(b) History of Phosphorus Loading to St. Albans Bay, 1850-1990. Vermont Department of Environmental Conservation. March 1994.

(c) Assessment of Sediment Phosphorus Distribution and Long-Term Recycling in St. Albans Bay, Lake Champlain. Scott Martin, Youngstown State University. March 1994.

8) Lake Champlain Wetlands Acquisition Study. Jon Binhammer, Vermont Nature Conservancy. June 1994.

9) A Study of the Feasibility of Restoring Lake Sturgeon to Lake Champlain. Deborah A. Moreau and Donna L. Parrish, Vermont Cooperative Fish & Wildlife Research Unit, University of Vermont. June 1994.

10) Population Biology and Management of Lake Champlain Walleye. Kathleen L. Newbrough, Donna L. Parrish, and Matthew G. Mitro, Fish & Wildlife Research Unit, University of Vermont. June 1994.

11) (a) Report on Institutional Arrangements for Watershed Management of the Lake Champlain

Basin. Executive Summary. Yellow Wood Associates, Inc., January 1995.

(b) Report on Institutional Arrangements for Watershed Management of the Lake Champlain Basin. Yellow Wood Associates, Inc., January 1995.

(c) Report on Institutional Arrangements for Watershed Management of the Lake Champlain Basin. Appendices. Yellow Wood Associates, Inc., January 1995.

12) (a) Preliminary Economic Analysis of the Draft Plan for the Lake Champlain Basin Program.

Executive Summary. Holmes & Associates and Anthony Artuso. March 1995.

(b) Preliminary Economic Analysis of the Draft Plan for the Lake Champlain Basin Program. Holmes & Associates and Anthony Artuso. March 1995.

13) Patterns of Harvest and Consumption of Lake Champlain Fish and Angler Awareness of Health Advisories. Nancy A. Connelly and Barbara A. Knuth. September 1995.

14) (a) Preliminary Economic Analysis of the Draft Plan for the Lake Champlain Basin Program-Part 2. Executive Summary. Holmes & Associates and Anthony Artuso. November 1995.

(b) Preliminary Economic Analysis of the Draft Plan for the Lake Champlain Basin Program-Part 2. Holmes & Associates and Anthony Artuso. November 1995.

15) Zebra Mussels and Their Impact on Historic Shipwrecks. Lake Champlain Maritime Museum. January 1996.

16) Background Technical Information for Opportunities for Action: An Evolving Plan for the Future of the Lake Champlain Basin. Lake Champlain Basin Program. June 1996.

17) (a) Executive Summary. Economic Analysis of the Draft Final Plan for the Lake Champlain Management Conference. Holmes & Associates and Anthony Artuso. July 1996.

(b) Economic Analysis of the Draft Final Plan for the Lake Champlain Basin Management Conference. Holmes & Associates and Anthony Artuso. July 1996.

18) Catalog of Digital Spatial Data for the Lake Champlain Basin. Vermont Center for Geographic Information, Inc., September 1996.

19) Hydrodynamic and Water Quality Modeling of Lake Champlain. Applied Science Associates, Inc. July 1996.

20) Understanding Phosphorus Cycling, Transport and Storage in Stream Ecosystem as a Basis for Phosphorus Management. James P. Hoffmann, E. Allan Cassell, John C. Drake, Suzanne Levine, Donald W. Meals, Jr., Deane Wang. University of Vermont. December 1996.

21) Bioenergetics Modeling for Lake Trout and other Top Predators in Lake Champlain. George W. LaBar and Donna L. Parrish, University of Vermont. December 1996.

22) Characterization of On-Farm Phosphorus Budgets and Management in the Lake Champlain Basin. Robert D. Allshouse, Everett D. Thomas, Charles J. Sniffen, Kristina Grimes, and Carl Majewski, Miner Agricultural Research Institute. January 1997.

23) Lake Champlain Sediment Toxics Assessment Program: An Assessment of Sediment-Associated Contaminants in Lake Champlain - Phase 2. Alan McIntosh, Mary Watzin and Erik Brown, University of Vermont. School of Natural Resources. October 1997.

24) Development of Land Cover/Land Use Geographic Information System Data Layer for the Lake Champlain Basin and Vermont Northern Forest Lands Project Areas. Thomas Millette, Mount Holyoke College. October 1997.

25) Urban Nonpoint Pollution Source Assessment of the Greater Burlington Area: Urban Stormwater Characterization Project. James Pease, VT Department of Environmental Conservation. Dec. 1997.

26) Long-Term Water Quality and Biological Monitoring Project for Lake Champlain. Cumulative Report for Project Years 1992-1996. New York State

Department of Environmental Conservation and Vermont Department of Environmental Conservation. 1998.

27) Cumberland Bay PCB Study. Cliff Callihan, New York State Department of Environmental Conservation, Lyn McIlroy, SUNY Plattsburgh, Robert Fuller, SUNY Plattsburgh. October 1998.

28) Lake Champlain Underwater Cultural Resources Survey, Volume 1: Lake Survey Background and 1996 Results. Scott A. McLaughlin, Anne W. Lessman, under the direction of Arthur B. Cohn, Lake Champlain Maritime Museum. December 1998.

29) Evaluation of Soil Factors Controlling Phosphorus Concentration in Runoff from Agricultural Soils in the Lake Champlain Basin. Frederick R. Magdoff, William E. Jokela and Robert P. Durieux, University of Vermont, Department of Plant and Soil Sciences. June 1997.

30) Lower Trophic Level Interactions in the Pelagic Foodweb of Lake Champlain. Suzanne N. Levine, Mark Borchardt, Moshe Braner, Angela Shambaugh, and Susan Spencer, UVM School of Natural Resources and Marshfield Medical Research Foundation. July 1997.

31) Estimation of Lake Champlain Basinwide Nonpoint Source Phosphorus Export. William Hegman, Associates in Rural Development, Inc, and Catherine Borer and Deane Wang, UVM Water Resources & Lake Study Center. September 1999.

32) The Freshwater Mussels of the Lower Missisquoi River: Current Status and the Potential for a Refugium from Zebra Mussel Impacts. Paul Marangelo, VT Agency of Natural Resources. June 1999.

33) Ecological Effects of Sediment-Associated Contaminants in Inner Burlington Harbor, Lake Champlain. Tetra Tech, Inc. September 1999.

34) (a) Benthic Phosphorus Cycling in Lake Champlain: Results of an Integrated Field Sampling/Water Quality Modeling Study. Part A: Water Quality Modeling. HydroQual, Inc. June 1999.

(b) Benthic Phosphorus Cycling in Lake Champlain: Results of an Integrated Field Sampling/Water Quality Modeling Study. Part B: Field Studies. HydroQual, Inc. June 1999.

35) Determination and Quantification of Factors Controlling Pollutant Delivery from Agricultural Land to Streams in the Lake Champlain Basin. J. W. Hughes, W. E. Jokela, D. Wang, C., and Borer, University of Vermont. September 1999.

36) Cost-Effective Phosphorus Removal from Secondary Wastewater Effluent through Mineral Adsorption. Larry D. Goehring, Sr., Tammo S. Steenhuis, Andrea S. Brooks, and Melissa N. Rosenwald, Jennifer Chen, Cornell University and Victor J. Putnam, Essex County Planning Department. December 1999.

LCBP Demonstration Reports

1) Case Study of the Town of Champlain. Yellow Wood Associates. October 1993.

2) (a) Demonstration of Local Economic/Other Community Impacts: Community Case Studies for Economic Plan Elements. Economic and Financial Consulting Associates, Inc., October 1993.
(b) Demonstration of Local Economic/Other Community Impacts: Community Case Studies for Economic Plan Elements-Appendix. Economic and Financial Consulting Associates, Inc., October 1993.

3) The Archeology on the Farm Project: Cultural Resource Protection on Agricultural Lands: A Vermont Example. Jack Rossen, VT Division for Historic Preservation, VT Agency of Natural Resources, Otter Creek Natural Resources Conservation District. May 1994.

4) (a) The 1992 Fort Ticonderoga-Mount Independence Submerged Cultural Resource Survey-Executive Summary. Arthur Cohn, Lake Champlain Maritime Museum. May 1995.
(b) The 1992 Fort Ticonderoga-Mount Independence Submerged Cultural Resource Survey. Arthur Cohn, Lake Champlain Maritime Museum. May 1995.
(c) The Great Bridge "From Ticonderoga to Independence Point". Arthur Cohn, Lake Champlain Maritime Museum. May 1995.
(d) Geophysical Reconnaissance in the Mount Independence Area: Larrabee's Point to Chipman Point, Lake Champlain. Patricia Manley, Roger Flood, Todd Hannahs. May, 1995.

(e) Ticonderoga's Floating Drawbridge; 1871-1920.

Peter Barranco, Jr., Lake Champlain Maritime Museum. May, 1995.

(f) Bottom Morphology and Boundary Currents of Lake Champlain.

Hollistir Hodson. May 1995.

5) Implementation, Demonstration, and Evaluation of BMPs for Water Quality: Application Methods ("Manure Injections") for Improved Management of Manure Nutrients.

Bill Jokela, Sid Bosworth, and Don Meals, University of Vermont. September 1995.

6) (a) Malletts Bay Recreation Resource Management Plan.

T. J. Boyle and Associates, Resource Systems Group, Associates in Rural Development, and Engineering Ventures. October 1995.

(b) Malletts Bay Recreation Resource Management Plan: Executive Summary.

T. J. Boyle and Associates. October 1995.

(c) Review and Relevant Studies: Malletts Bay Recreation Resource Management Plan.

T.J. Boyle and Associates. October 1995.

(d) Natural and Built Resources Inventory Data Documentation: Malletts Bay Recreation Resource Management Plan.

Associates in Rural Development. October 1995. (These data will not be published, but data are available at the LCBP office.)

(e) Survey Implementation and Analysis: Malletts Bay Recreation Resource Management Plan.

Resource Systems Group. October 1995.

(f) Institutional Review and Analysis: Malletts Bay Recreation Resource Management Plan.

Engineering Ventures. October 1995.

7) The Best River Ever: A Conservation Plan to Protect and Restore Vermont's Beautiful Mad River Watershed.

Mad River Valley Planning District and Friends of the Mad River. December 1995.

8) On-Farm Composting Demonstration Project

Clinton County Soil and Water Conservation District. December 1996.

9) Addison County Demonstration Project: Alternative Sewage Disposal Technologies.

Judy Bond. February 1997.

10) A Sustainable Working Forest and Competitive Wood Products Industry.

Economic Development Council of Northern Vermont, Inc. July 1997.

LCBP Education Reports

1) Lake Champlain: Its Future Depends on Us. Conference Proceedings; September 8-9, 1992, South Burlington, VT. NH/VT and Empire Chapters of the Soil and Water Conservation Society. July 1993.

2) Public Input in the Lake Champlain Basin. Results of a series of Public Input Meetings. April-May, 1993. Education & Outreach Committee. October 1993.

3) Lake Champlain's Future: A Community-Based Strategy for Environmental Policy Development. Bryan Higgins, SUNY Plattsburgh, Richard Kujawa, St. Michael's College, Thomas Dietz, George Mason University, Linda Kalof, SUNY Plattsburgh, and Timothy P. Holmes, Holmes & Associates. June 1994.

4) Alternative Wastewater Treatment: Conference Proceedings. Judy Bond, AWWT Conference Coordinator. January 1995.

5) Summary of Public Input on Opportunities for Action - A Summary of the Draft Plan for the Future of the Lake Champlain Basin: Results of a Series of Public Input Meetings, March-April 1994. Education & Outreach Committee. February 1995.

6) Responses to Public Comments on the June 1996 Draft of Opportunities for Action: An Evolving Plan for the Future of the Lake Champlain Basin. Lake Champlain Management Conference. October 1996.

LCBP Recreation Reports

1) Lake Champlain Boat Study. Susan Bulmer. 1993.

2) Lake Champlain Recreation - Public Involvement. Maja Smith. 1994.

3) Lake Champlain Recreation - User Surveys. Kelly Dziekan. 1995.

4) Lake Champlain Recreation - Resources Inventory. Greg Farnum. 1995.

5) Lake Champlain Recreation Assessment Report. Kelly Dziekan and Maja Smith. 1995.

Other LCBP Publications

1) Opportunities for Action: An Evolving Plan for the Future of the Lake Champlain Basin (First Edition). Lake Champlain Management Conference. October 1996.

2) 1991-2000 Annual, State of the Lake, and Progress Reports. Lake Champlain Basin Program.

3) Casin' the Basin. Lake Champlain Basin Program Newsletter, 1992-present.

4) Fact Sheet Series 1-6. Lake Champlain Basin Program.

5) Lake Champlain Basin Atlas. Northern Cartographic and Lake Champlain Basin Program. Fall 1999. CD-ROM update issued May 2002.

6) Lake Champlain Wayside Exhibit Manual. Lake Champlain Basin Program. Summer 2001.

7) Nonpoint Source Pollution Posters.. Series of four posters. Lake Champlain Basin Program. Summer 2001.

How to Obtain LCBP Publications

The above publications are all available from the LCBP (with exceptions noted). Contact the LCBP to order by calling (800) 468-5227 (NY & VT) or (802) 372-3213. An up-to-date list of reports is maintained on the LCBP website, www.lcbp.org/reports.htm. Some publications, such as *Opportunities for Action*, the *Casin' the Basin* newsletter, fact sheets, and recent annual reports are also available electronically on the website.