

Paul Keddy **Some Contributions to Conservation** (1974 to 2014).

1. Keddy Nature Reserve. Over forty years sequentially purchased a square mile of forest and provincially significant wetlands in Lanark County. In 2014 donated a combination of ownership and development rights to the Mississippi Madawaska Land Trust, creating the largest nature reserve in their system. (1976-2014)
2. Wetland Ecology: Principles and Conservation. Prepared [a new edition of this book](#) to further emphasize how a few simple scientific principles can guide enlightened conservation activities. (2008-2010)
3. Louisiana natural and environmental history guide: Prepared and published a 229-page book on the natural and environmental history of Louisiana ([Water, Earth, Fire: Louisiana's Natural Heritage](#), including 85 illustrations and 118 references) to facilitate the development of a conservation ethic. A conservation vision is proposed for the state that identifies 12 high priority areas with essential conservation activities for each. This book was written as a guide for residents and visitors to support the developing state ecotourism industry and to provide a reference for teachers of biology, environmental studies, ecology, and history. (2007)
4. Multiple Lines of Defense for New Orleans. Volunteered for several years as a team member designing an environmentally sustainable plan to protect New Orleans from future hurricanes. (2004-2007)
5. Lake Pontchartrain Basin Management Plain: Member of a team of invited environmental experts who met regularly in New Orleans to write the new [Comprehensive Habitat Management Plan for the Lake Pontchartrain Basin](#) to guide the activities of the foundation for the coming decades. The CHMP includes quantitative restoration targets for both wetland and terrestrial ecosystems. (2004-2007)
6. The Nature Conservancy: Participated in workshops to identify conservation focal targets important for maintaining the health and ecological integrity of the Lake Pontchartrain estuary, and strategies to abate stress to the system. The resulting [Conservation Area Plan for the Lake Pontchartrain Estuary](#) will guide the future activities of The Nature Conservancy and other state agencies. (2003-2004)
7. Worlds Largest Wetlands: Organized an international symposium on the World's Largest Wetlands at the Millennium Wetland Event in Quebec City in 2000. Co-edited [The World's Largest Wetlands: Ecology and Conservation](#) (Cambridge University Press, 2005). (1996-2005)
8. Lanark County environment guide: Prepared a 73-page guide to the natural history of Lanark County, Ontario including 19 maps of ecological features ([Earth, Water, Fire: An Ecological Profile of Lanark County](#)). Self-published and locally distributed by the Mississippi Valley Field Naturalists and regional bookstores. (1999-2008)
9. Ecological reserve establishment: Did the field work to find the richest coastal plain wetland in Canada, raised the money to purchase it, and lobbied (successfully) to have it designated as the first ecological reserve in Nova Scotia as the [Tusket River Nature Reserve](#). (1980-1990)

10. Atlantic Coastal Plain flora ecology and conservation. Carried out more than a dozen scientific studies on the rare Atlantic Coastal Plain plants of Georgian Bay and Nova Scotia. Provided the scientific research to show that infertile shorelines with naturally fluctuating water levels are essential habitat. Edited a special issue of *Biological Conservation* ([1994, Volume 68, Issue 3](#)) on the ecology and distribution of these species in North America. Protected areas in Ontario now include Axe Lake and Matchedash Lake. Nova Scotia now has multiple protected areas and a [dedicated web site](#) to the conservation management of these species. (1980-2005)
11. Canadian Council on Ecological Areas. Served as Coordinator of the Scientific Committee of [CCEA](#) for six years. Wrote a [report](#) on the important relationships between science and protected areas. (1984-1990)
12. Founding President of Halifax Field Naturalists: Established and became the first president of the [Halifax Field Naturalists](#), the first natural history society in Nova Scotia, Canada. It celebrated its 30<sup>th</sup> anniversary in 2006 with over 100 members. (1976)
13. Wreck Cove Hydroelectric Project. Coordinated provincial opposition to creating a hydroelectric reservoir within the boundaries of Cape Breton National Park. Co-wrote a report summarizing the negative environmental impacts of the project. (1975)