



"So throughout history, our view has been that a good wetland is a destroyed wetland."

Source: "Swamp as sacred space: Save wetlands to save ourselves, say experts"

Faisal Husain, Environmental Historian of the Ottoman Empire
and Assistant Professor of History at Pennsylvania State University

Moira Donovan. CBC Ideas. Posted October 17, 2022

"Yes, though you may think me perverse, if it were proposed to me to dwell in the neighborhood of the most beautiful garden that ever human art contrived, or else of a dismal swamp, I should certainly decide for the swamp."

"When I would re-create myself, I seek the darkest wood, the thickest and most interminable and to the citizen, most dismal, swamp. I enter as a sacred place, a Sanctum sanctorum. There is the strength, the marrow, of Nature."





Wetlands – The Key to Coping with Climate Change

Wetlands naturally absorb and store carbon.

Wetlands are the most effective carbon sinks on Earth.

The loss of an existing wetland means not only the loss of that particular carbon sink, but also that the carbon stored in that wetland will be released.

The fate of existing wetlands is a factor in predicting carbon emissions.

Sources:

Ramsar Convention on Wetlands
Minnesota Board of Water and Soil Resources

Carbon Sequestration in Wetlands



Ramsar Convention on Wetlands

"Convention on Wetlands of International Importance especially as Waterfowl Habitat (Ramsar)" was adopted in 1971 at an international conference in Ramsar, Iran.

The mission of the Ramsar convention is the conservation and wise use of all wetlands through local and national actions and international co-operation, as a contribution towards achieving sustainable development throughout the world.

Source: Ramsar

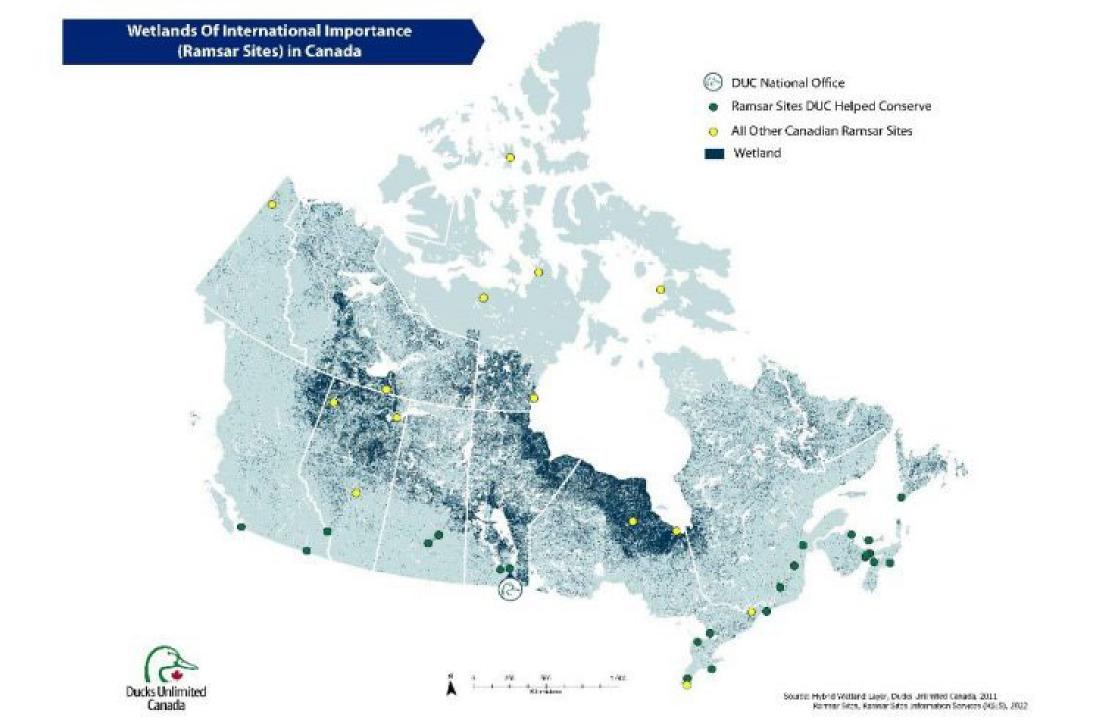
Ramsar Convention on Wetlands

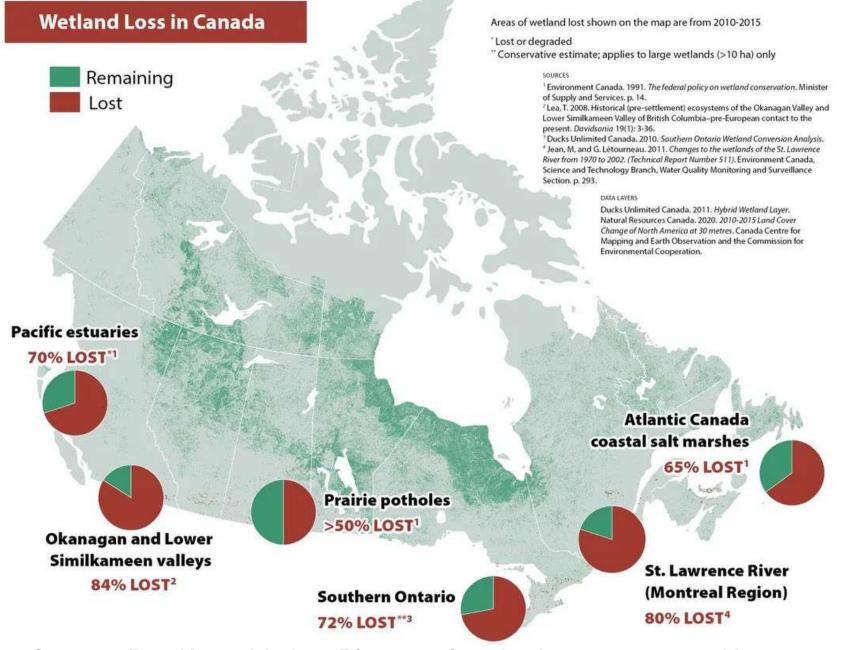
There are several international treaties, or conventions, focusing on the environment, but Ramsar is the only international convention that deals with one ecosystem or habitat type — wetlands.

Canada signed on to the Ramsar Convention in 1981.

To date, 172 countries, including Canada, have signed on to the convention.

Source: Ramsar



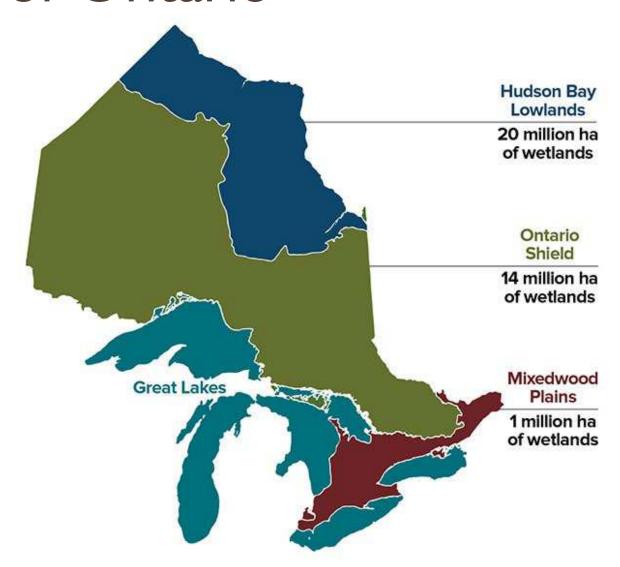


Source: Dan Kraus. Marking 50 years of wetland conservation and loss.

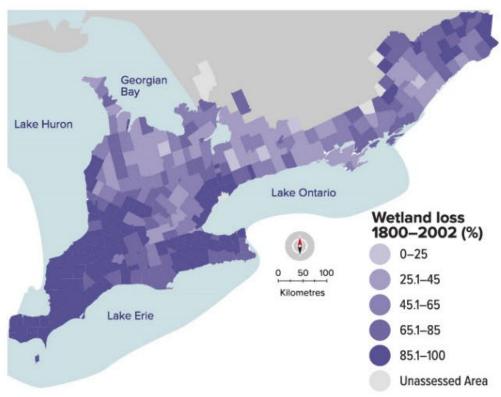
Hamilton Spectator. February 2, 2021 on the 50th Anniversary of Ramsar Convention.



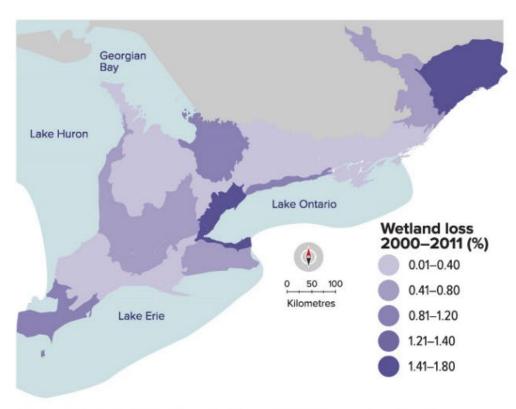
Province of Ontario



Wetland loss in the Mixedwood Plains Ecozone



State of Ontario's Biodiversity Report 2010: Loss of original wetland area by township, from 1800 to 2002 (1.4 million ha)



State of Ontario's Biodiversity Report 2015: Loss of wetlands by ecodistrict, between 2000 and 2011 (6,152 ha)



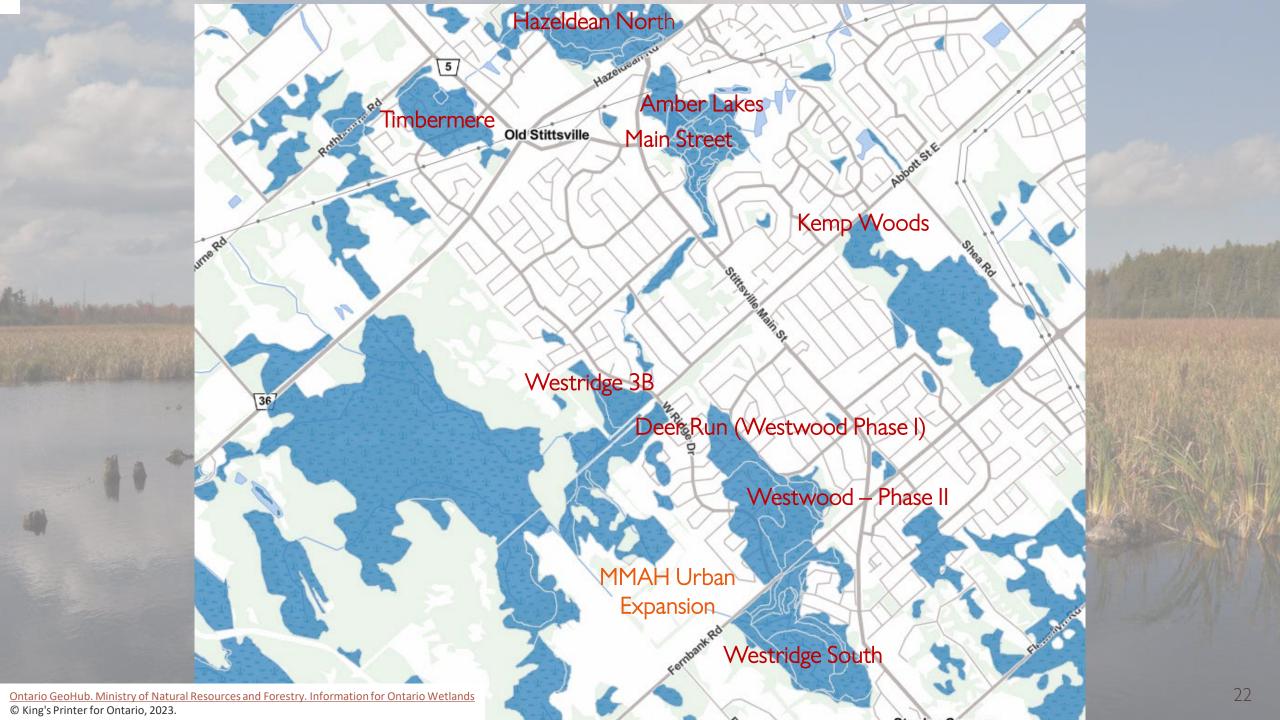














"One position that is being advanced is that competing interests of urban land development have indicated that a residential designation is the most appropriate one."

"However, the alternative position would be that if this area is indeed subject to the pressures of urban development does this not further justify the need to protect this area from urban encroachment."

Column by Councillor Stavinga on Amberlakes Development Proposal in the Stittsville News dated May 3, 1995 – Goulbourn Township

Threats to Wetlands

Land conversion

Drainage for development and agriculture

Invasive species

Pollution

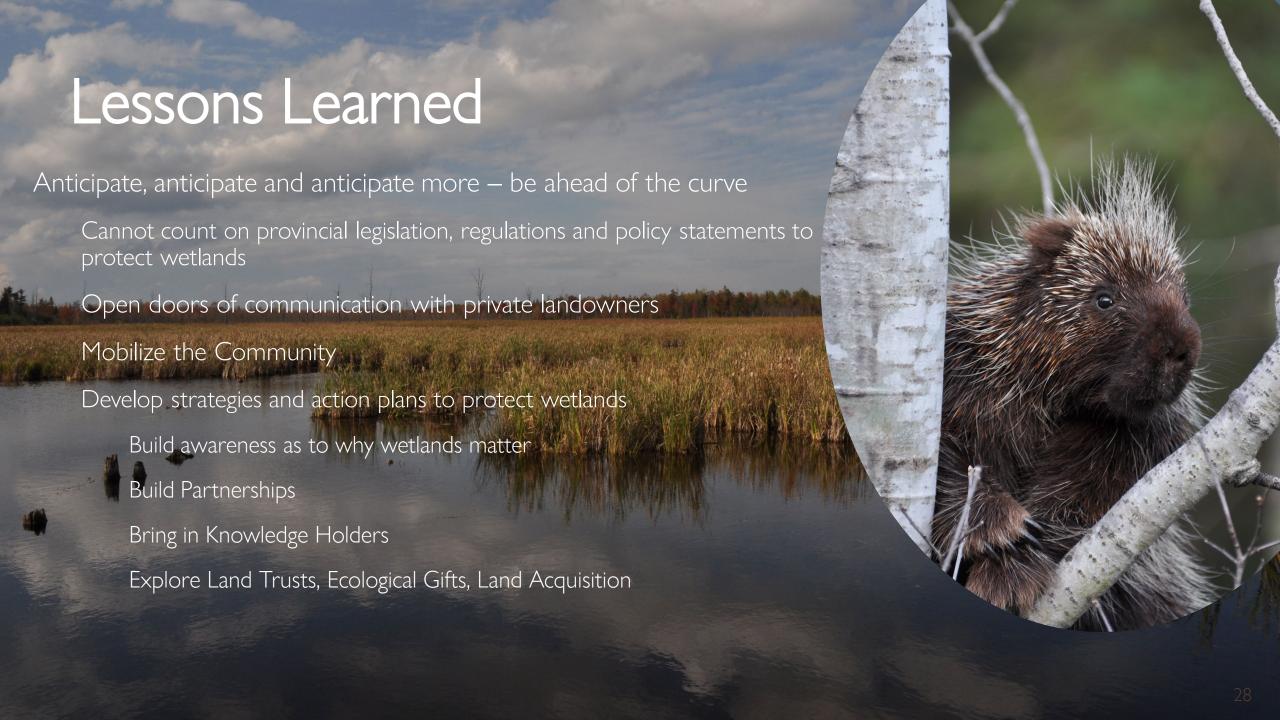
Climate change

Artificial modification of Water Levels









Transformational Shift

"Ecospirituality, over and above environmental attitudes, environmentalist identity, and political orientation, uniquely predicted several aspects of moral concern for nature, such as including nature in one's moral circle, treating nature as a sacred value, and endorsing a reasoning style that places importance on principles and duties to nature."

Source: Ecospirituality: The psychology of moral concern for nature. Journal of Environmental Psychology, Volume 87, May 2023.

Connecting People to Wetlands

Beginnings of the TransCanada Trail through Stittsville-Goulbourn

Establishment of a ByWays of Ottawa-Carleton Committee

Formation of Community-based Ottawa-Carleton Trailway

Committee

Constructing the Trail in 2001

Building the Viewing Platform

National Léger Survey reveals Canadians' Trail Use on the Rise in 2023

- 72% of Canadians have used trails in the past 12 months, up slightly from 70%, with 80% of Canadians noting that they intend to use trails in the next year.
- 89% of Canadians agree that trails add value to the quality of life in their community.
- 69% of Canadians said that easy access to trails and outdoor activities have an impact on where they choose to live.

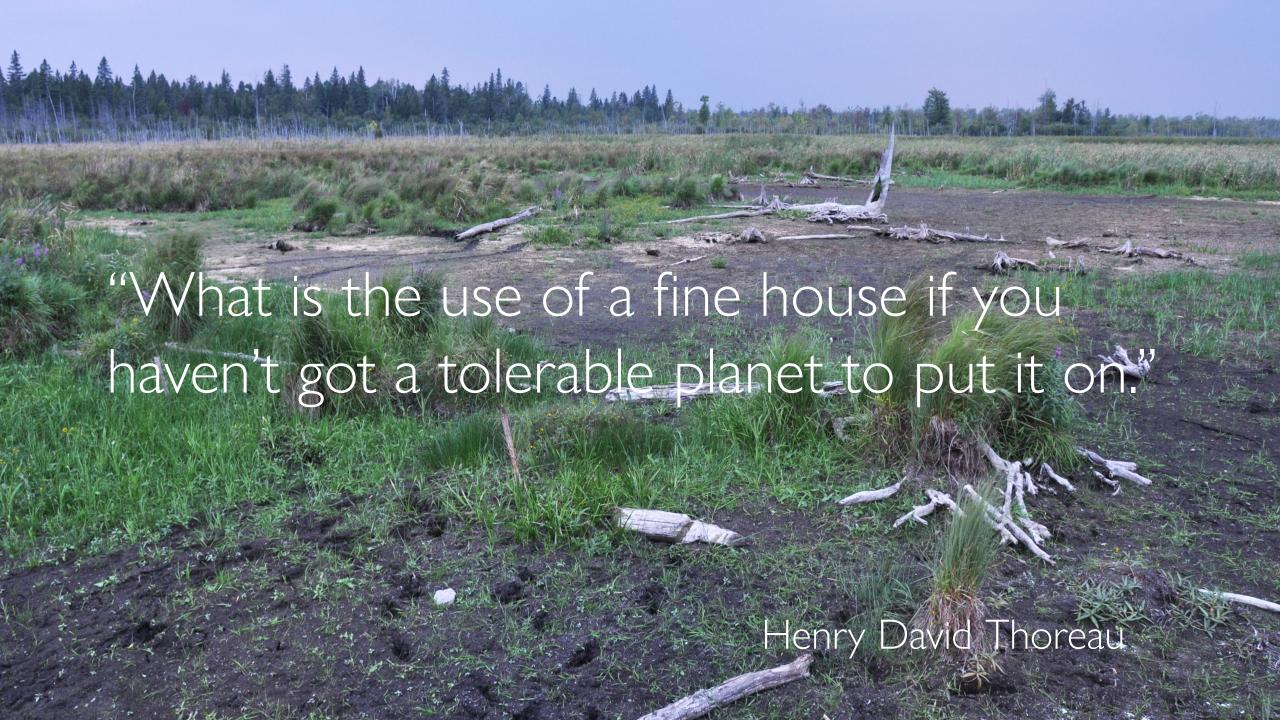
National Léger Survey reveals Canadians' Trail Use on the Rise in 2023

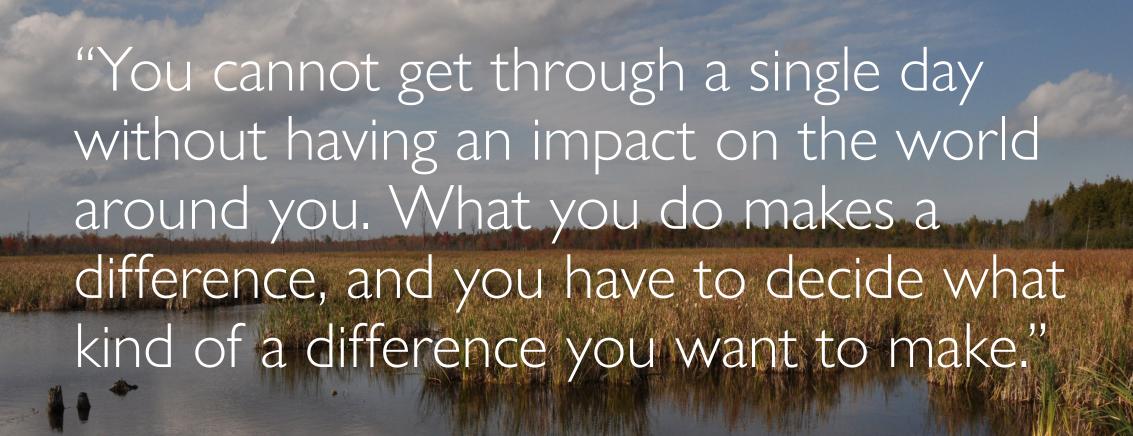
- Top three reasons that respondents identified for using trails include: to be outdoors and get fresh air (98%); to enjoy nature and see beautiful landscapes (97%) and to enhance mental health and relieve stress (94%).
- 90% of respondents agree that trails allow for nature preservation and conservation.

National Léger Survey reveals Canadians' Trail Use on the Rise in 2023

- 87% of trail users across Canada do so to minimize their impact on nature and the environment and 93% agree it's important to make nature accessible.
- 92% of those surveyed feel trails are an important tool to connect people to nature, to biodiversity and to culture.
- 70% of Canadians are concerned about the impact that the changing climate will have on their trail use and their enjoyment of trail activities.







Jane Goodall

