

Resources from “Planning for our Shorelands: A resource to help conserve the Ribbon of Life in Ontario’s Municipalities” webinar presented by Christopher Dennison, Municipal Policy Intern, Watersheds Canada. March 13, 2021.

Citations and photo credits from Chris’ presentation:

“What exactly is a Shoreland?” slide:

- Photo 1 source: Fisheries and Oceans Canada (2008). The Shore Primer: A cottager’s guide to a healthy waterfront. DFO/2008-1430 ©Her Majesty the Queen in Right of Canada 2008. Retrieved from: <https://www.kawarthaconservation.com/en/resources/The-shore-primer-a-cottagers-guide-to-a-healthy-waterfront.pdf>
- Photo 2 source: Fisheries and Oceans Canada (2008). The Shore Primer: A cottager’s guide to a healthy waterfront. DFO/2008-1430 ©Her Majesty the Queen in Right of Canada 2008. Retrieved from: <https://www.kawarthaconservation.com/en/resources/The-shore-primer-a-cottagers-guide-to-a-healthy-waterfront.pdf>

“The issues...Growing pains” slide:

- “Waterfront median days on market (December only) The Lakelands association of realtors” graph: <https://thelakelands.ca/market-statistics/>
- “Space is the new luxury: Could the coronavirus prompt an urban exodus in Ontario?” article: <https://globalnews.ca/news/6970856/ontario-urban-exodus-coronavirus/>
- Southern Ontario graph source: Ontario Ministry of Finance, Office of Economic Policy (2020). *Ontario Population Projections Update, 2019-2046: based on the 2016 census, for Ontario and its 49 census divisions*. ISBN 978-1-4868-4683-2. Retrieved from: <https://www.fin.gov.on.ca/en/economy/demographics/projections/projections2019-2046.pdf>.
- Orillia and District of Muskoka and Haliburton County and District of Perry Sounds graph source: The Lakelands Association of Realtors. (2020). Market statistics. Retrieved from: <https://thelakelands.ca/market-statistics-2/>

“The issues...unsustainable development” slide:

- “Natural vs disturbed shoreline” image: Lake Links Planning Committee’s Lake Protection Workbook: <https://watersheds.ca/resources/>
- “Shoreline modification impacts on lake ecology as a result of intensive cottage cluster development” by Kathleen Glory Egan: https://tspace.library.utoronto.ca/bitstream/1807/68007/1/Egan_Kathleen_G_201411_MA_the_sis.pdf
- Numbered healthy and unhealthy shoreline images source: Coalition of Haliburton Property Owners Associations (CHA) (n.d.) Retrieved from: <https://www.cohpoa.org/shoreline-health/>

“The issues...buffers and biodiversity” slide:

- Elias, J.E. & Meyer, M.W. (2003). Comparisons of undeveloped and developed shorelands, northern Wisconsin, and recommendations for restoration. *Wetlands* 23(4): 800-816.
- Woodford, J.E. & Meyer, M.W. (2003). Impact of lakeshore development on green frog abundance. *Biological Conservation* 110(2): 277-284.
- Racey, G.D. & Euler, D.L. (1983). Changes in Mink Habitat and Food Selection as Influenced by Cottage Development in Central Ontario. *Journal of Applied Ecology* 20: 387-402.
- Donaldson, M.R., Henein, K.M., & Runtz, M.W. (2007). Assessing the effect of developed habitat on waterbird behaviour in an urban riparian system in Ottawa, Canada. *Urban Ecosystems* 10: 139-151.

Graphs and full survey results from the “Planning for our Shorelands” report will be published in the coming weeks to: <https://watersheds.ca/planning-for-our-shorelands/>

Q&A:

1. **More work needs to be done with boat manufacturers who are currently making boats that produce huge wakes. Has there been any discussion with boat manufacturers?** Not yet, but please feel free to email any contacts or information you may have to dennison@watersheds.ca
2. **How do I combat ticks while also having a buffer zone?** If you are able to designate specific areas on your property for a path vs. natural area, you can ensure the path is well-maintained and that there is no overhanging brush over the path. This would extend to your access point on the water as well, such as a boat launch.
3. **Update on the Natural Edge Native Plant Database:** Our team has met with our developer and they are currently working on the issue. At this time, you can filter plants by province/territory, and by your site conditions (sunlight, moisture, soil type) and plant type (shrub, tree, wildflower, etc.). The best way for you to use the Database right now is to find your eco-zone using [this map](#). Then you can apply all of the above listed filters on the Native Plant Database to narrow your search as much as possible. Next, click through different plants that you may like based on their photo and see if they are native to your eco-zone. We realize this is not the most user-friendly way to use the Database, and we apologize for the inconvenience. If you would prefer to wait until the Database is fixed, please email Monica and she will put you on a mailing list to notify you when the Database is fully operational.
4. **Is there testing that can be implemented to track successes?** Watersheds Canada often invites pre-planning engagement and conducts surveys prior to launching new programs, and after to see if there was a behaviour change. You can also look at using testimonials, before and after photos, or collecting citizen science data at regular intervals and submitting them online.
5. **How do I encourage change re: lawns, pesticide uses and fertilizer use?** We focus on building relationships with individuals and community groups to understand their needs and interests. Providing education materials and self-assessment tools such as the Love Your Lake individualized property report, or the Lake Links Planning Committee’s Lake Protection Workbook, can also be used. Focus on the values of the individual and how their actions impact those values. Often we find people are not aware of how their actions impact ex: water quality.

Sharing of resources:

- The Georgian Bay Biosphere has some good resources on native plants for the Parry Sound/Georgian Bay area.
- Bancroft Area Stewardship Council (BASC) offers native plants for sale each spring
- Lake Links Planning Committee’s Lake Protection Workbook - <https://watersheds.ca/resources/>
- Resources about invasive species: Invasive Species Centre (<http://invasivespeciescentre.ca>) and Invading Species Awareness Program (<https://www.ofah.org/programs/invading-species-awareness-program/>)
- Shoreline Habitat Creation Manual - <https://naturaledge.watersheds.ca/resources/>
- Register for the next Freshwater Stewardship Community webinar! Melissa Dakers from Watersheds Canada will present “Enhancing and Restoring Critical Fish Habitat in Ontario” on Wednesday, March 24th at 2pm EST. Registration is now open: <https://zoom.us/meeting/register/tJYsfumqzloHNOtFjK1zS6-C7JWJnr1V3M->