Durham Community Climate Adaptation Plan Update: Natural Environment

Durham Climate Change Adaptation Working Group Webinar February 18, 2021

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Outline

- Climate risks to the Natural Environment
- Natural Environment Programs in DCCAP
- Accomplishments, Challenges, and Next Steps

TOWARDS RESIGNED CE

Durham Community Climate Adaptation Plan 2016

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 2600.

Recap of Expected Changes to Climate

Warmer

Wetter

Wilder





What are the risks to the natural environment?





Natural Environment Programs in DCCAP

Objective: To enhance natural capital and build climate resilience in the natural environment

Recommended Actions:

- Collaboration
- Adaptive management of Plans and Policies
- Stewardship, Education, and Outreach

Accomplishments: Collaboration

- Creation of the NECCC
- Increased collaboration

Accomplishments – Adaptive Plans & Policies

Policies

- Policy Integration Report
- Collaboration on Durham MCR input
- Whitby Green Standard

Integrating Climate Change Considerations into Plans and Policies in Durham Region







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Accomplishments – Adaptive Plans & Policies

Plans

- Ajax Climate Risk & Resiliency Plan
- Updated watershed plans (CLOCA and TRCA)
- LSRCA Adaptation and Mitigation Strategies



Accomplishments – Adaptive Plans & Policies

Programs/Activities

- Oshawa Municipal Natural Assets Initiative
- LSRCA Adapting forestry programs
- TRCA Aquatic Climate Vulnerabilities





Accomplishments – Stewardship & Outreach

- LEAF Backyard Tree Planting Program
- Trees for Rural Roads Planting Program
- Joint-CA Tree Planting Program: Supporting Climate Action Through Nature Based Solutions
- COVID Resilience funding for wetland creation in Ajax
- Enhanced Invasive Species Awareness Campaigns
- Management projects in partnership with Municipalities and private landowners





Challenges for Implementation



Funding to further advance incorporating climate change in the Region's watershed plans.



Challenges in aligning priorities across the region given the broad sectors, resources, and mandates.



Anticipating directions from and integrating with Durham's ROP update.



Durham-wide identification natural heritage system vulnerabilities. 2

Continue incorporating climate change into plans and strategies. Work towards reestablishing a stewardship/education collaborative working group.