Environmental Sustainability Research Centre

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Niagara Adapts 🞜

Climate Vulnerability Fact Sheet

Niagara Adapts Partnership Overview

The impacts of climate change are already being experienced in Niagara and will only intensify in the future. In response, seven municipalities in the region have partnered with Brock University to develop and implement climate adaptation plans. Understanding vulnerability to climate change is a critical component of effective climate adaptation planning.



We asked representatives from each participating municipality what 'adaptation to climate change' means to them. This word cloud summarized their responses.

Vulnerability Assessment

Vulnerability is defined as susceptibility to harm arising from climate change impacts. This factsheet highlights the results from a baseline climate vulnerability survey conducted in the fall 2019.





Surveys were conducted face-to-face and online.

Municipal Partners



Respondents

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63% female

37% male

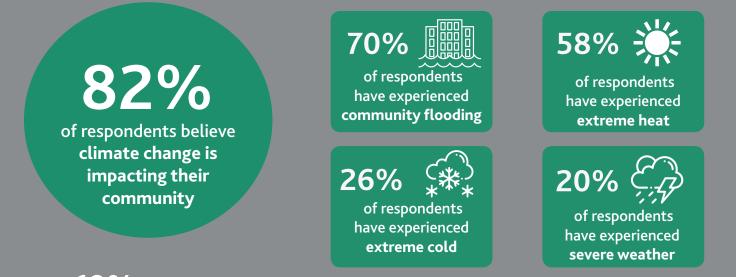






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Exposure to climate change in St. Catharines



Only **19%** of respondents feel that St. Catharines is prepared to adapt to climate change

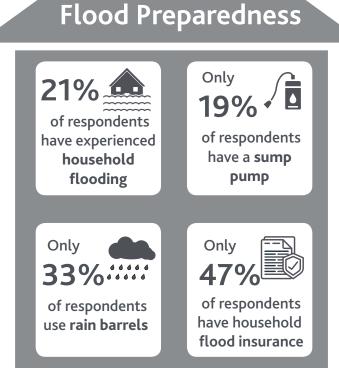
Opportunities for adaptation



88% of respondents believe humans have the capacity to address climate change

For **61%** of respondents, adapting to climate change is a top priority for their households

88% of respondents support municipal resources being used for climate change adaptation



Household

Note: Percentages reported on this page reflect the 340 people who completed surveys from St. Catharines.

CONTACT US t 905-688-5550 x5772 e esrc@brocku.ca w brocku.ca/niagara-adapts This publication should be cited as: Blythe J, Mallette A, Smits A, Daly E, Plummer R, 2020. Climate vulnerability fact sheet – St. Catharines. Niagara Adapts Program Brief: 2020-06.