

Agriculture and the Growing Need for Water Management

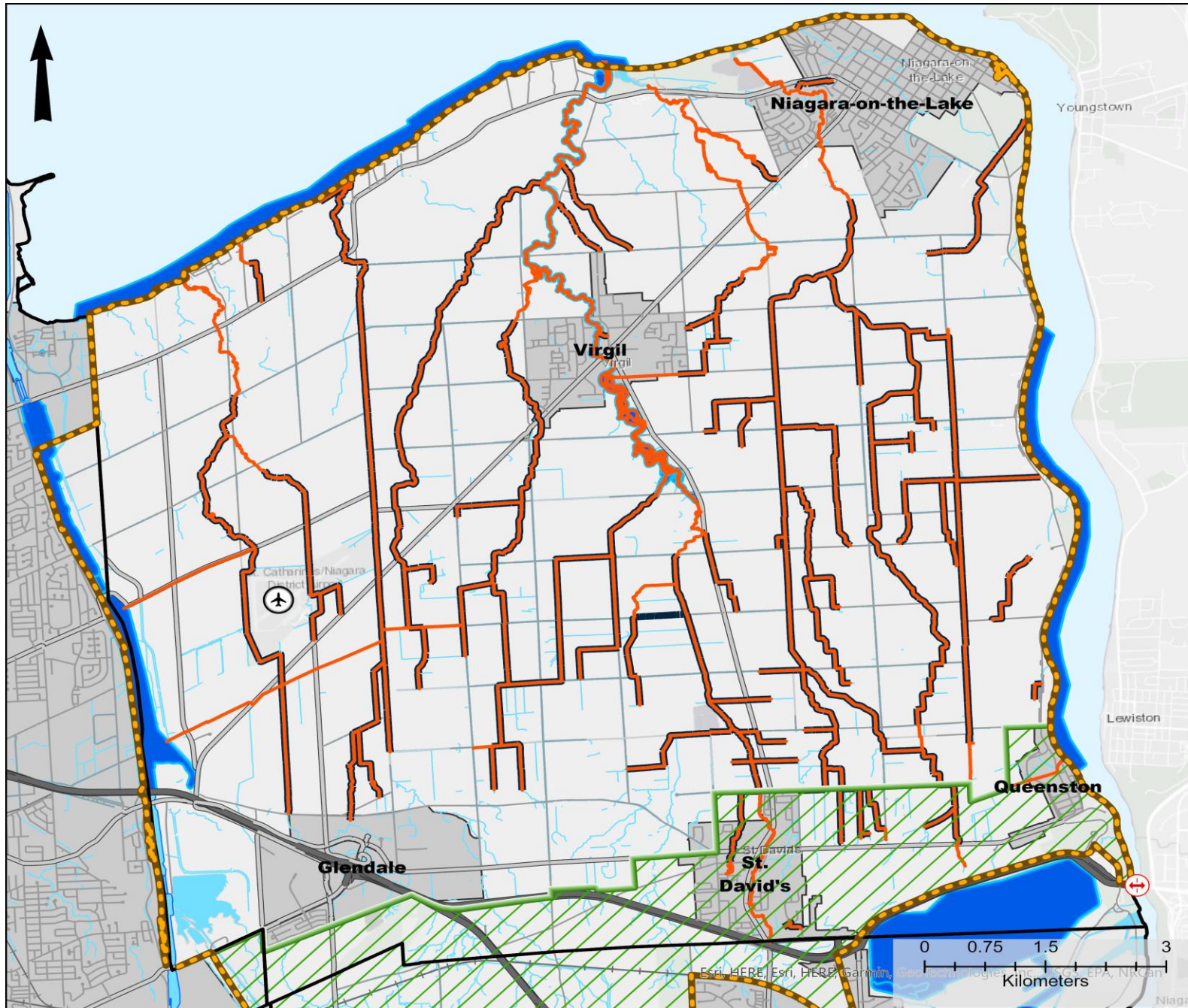
Erik Acs, MCIP, RPP

Niagara Region










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Legend

-  NOTL Irrigation System Feature
-  Municipal Drain
-  Greenbelt Area Boundaries
-  Significant Agricultural Water Intake Area
-  Niagara Escarpment Plan Area
-  Airport
-  International Crossing
-  Urban Areas
-  Municipal Boundaries





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Grades and Requirements for Peaches

Requirements for All Grades

62. In addition to the requirements for each grade and subject to the general tolerances set out in section 65, peaches of all grades must

- (a) be properly packaged;
- (b) be of one variety;
- (c) be uniformly mature and sound;
- (d) have a minimum diameter of 54 mm (2 1/8 inches); and
- (e) be free from insects and insect larvae.

Adaptation to climate change is changing activities and processes in order to lessen negative impacts of climate change that is already taking place, and to open the agricultural sector to new opportunities that might arise from a changing climate.

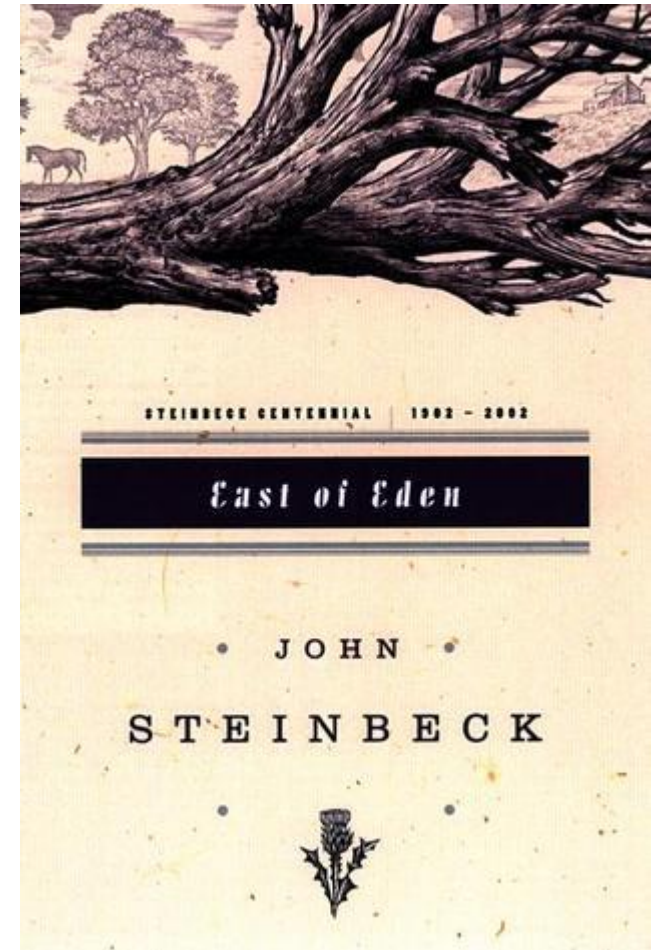
Source: <https://omafra.gov.on.ca/english/engineer/facts/climatechange.htm#3>

Examples of expected risks arising from climate change include:

- modified geographical extent of agricultural production and locational shifts for growth of certain crops
- potential limitations on food processing expansions due to water quality and quantity issues
- financial challenges for rural municipalities exposed to extreme weather events and needing large infrastructure enhancements to cope with such events

Source: <https://omafra.gov.on.ca/english/engineer/facts/climatechange.htm#3>

During the dry years, the people forgot about the rich years, and when the wet years returned, they lost all memory of the dry years. It was always that way.



**FEASIBILITY STUDY – RAW WATER FOR
AGRICULTURAL IRRIGATION PURPOSES**

PROJECT REPORT

Prepared for:
Regional Municipality of Niagara
Planning and Development Department
3550 Schmon Parkway
P.O. Box 1042
Thorold, Ontario L2V 4T7

Prepared by:
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1611 10501
August 2005

Niagara Irrigation Strategic Action Plan

RAW WATER FOR AGRICULTURAL IRRIGATION STUDY

PHASE 2 PROJECT REPORT



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November 2007



Niagara Irrigation Governance Phase 2 Report

FEEDBACK, SYNTHESIS AND RECOMMENDATIONS
FROM WORKSHOPS WITH KEY INTERESTS

March 25, 2022

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The background of the entire image is a close-up photograph of parched, reddish-brown soil. The soil is cracked into irregular, polygonal shapes, with deep, dark shadows in the crevices, indicating a severe lack of water. Some dry, thin plant stems are scattered across the surface.

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The Race to Irrigate Niagara

Summary

