

# Lake Superior Drainage Basin Climate Change Vulnerabilities and Ontario's *Go Green: Action Plan on Climate Change*

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## OBJECTIVES:

This poster presentation presents three main objectives:

- 1) Identify Northwestern Ontario's major climate vulnerabilities;
- 2) Assess how effective Ontario's climate-related legislation is;
- 3) Address the need for interdisciplinarity and collaboration to alleviate impacts, reduce sensitivities, and increase resiliency.

## RESEARCH METHODS\*:

This research uses two **social-based methodologies** to compliment its historical, social, and political focus:

*Log-linear analysis*

*Time series analysis*

## SCOPE OF STUDY\*\*:



## COMMON VULNERABILITIES\*\*\*:



## ONTARIO'S GO GREEN ACTION PLAN<sup>□</sup>:

**Go Green**

**Ontario's Action Plan  
On Climate Change**

- 1) Initiated in August 2007;
- 2) Targets results in 2014, 2020, 2050;
- 3) Focus on "More Green Power";
- 4) Focus on "Forests"; and,
- 5) Need for increased collaboration.

## MAJOR CRITICISMS<sup>□□</sup>:

- 1) Sensible progress for promotion of greener energy sources in some areas of the province & reluctance in many NWO towns;
- 2) Lack of public education on climate-related subjects; and,
- 3) Longer timeline to reduce GHG emissions by reforestation;

## CONCLUSIONS / RECOMMENDATIONS:

- 1) Need for more promotion of green energy sources;
- 2) Need for more effective forest management policies to mitigate effects of climate change; and,
- 3) Need for more collaboration between Government and Industry to educate public on benefits of green energy sources.

### Sources:

\* Babbie, Earl R. The Practice of Social Research. Belmont, USA: Wadsworth Publishing Company, 1992.

\*\* Environment Canada. "Climate Sensitivities, Impacts, and Vulnerability: Sub-regional perspectives." Last modified 2015, accessed 23 April 2015. <http://www.nrcan.gc.ca/environment/resources/publications/impacts-adaptation/reports/assessments/2008/ch6/10363>.

\*\*\* Ontario.ca. "Emergency Preparedness." Last modified 2015, accessed 23 April 2015. <http://www.ontario.ca/law-and-safety/emergency-preparedness>.

<sup>□</sup> Government of Ontario. Go Green: Ontario's action plan on climate change. Toronto, Canada: Government of Ontario, 2007.

<sup>□□</sup> Environmental Commissioner of Ontario. "Ontario's Action Plan on Climate Change: Deserving of Credit?," in *Getting to K(No)w, ECO Annual Report, 2007-08*. Toronto, Canada : Environmental Commissioner of Ontario, 2008.