

# Impact of Environmental Change and Variability on Living in the Georgian Bay Region

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- **What is the Hydrologic Cycle? - Introduction to this series**
- **What is the Cold Temperature (Cryospheric) Component of the Hydrologic Cycle?**
- **How do the changes in the Climate and Cryosphere affect your life and economy in the Georgian Bay Region?**
- **What can be done about it?**

## Book Resources

ACIA, 2004. Impacts of a Warming Arctic: Arctic Climate Impact Assessment. ACIA Overview report. Cambridge University Press. 140 pp. ISBN 0 521 61778 2

Harold Coward & Andrew J. Weaver, 2004, Hard Choices, The Climate Change in Canada, Wilfred Laurier University Press, 282 pages,

John Houghton, 2015, Global Warming, The Complete Briefing, 5th Edition, ISBN: 9781107463790, Cambridge University Press, 380 pp.

O'Neill, S., & Nicholson-Cole, S. (2009). "Fear Won't Do It": Promoting Positive Engagement With Climate Change Through Visual and Iconic Representations. *Science Communication*, 30(3), 355–379. <https://doi.org/10.1177/1075547008329201>

Robert William Sandford, 2015, Storm Warning, Water and Climate Security in a Changing World, Rocky Mountain Books, Canada ISBN 9781771601450, 264 Pages

Stephen R.J. Sheppard, 2012, Visualizing Climate Change, A Guide to Visual Communication of Climate Change and Developing Local Solutions Routledge, London, 528 Pages. DOI <https://doi.org/10.4324/9781849776882> , eBook ISBN 9781849776882 <http://www.visualizingclimatechange.ca>

Michelle Rutty, Daniel Scott , Peter Johnson , Marc Pons , Robert Steiger , , Marc Vilella, 2017, Using ski industry response to climatic variability to assess climate change risk: An analogue study in Eastern Canada, *Tourism Management* 58 (2017) 196e204

Bush, E. and Lemmen, D.S., editors (2019): Canada's Changing Climate Report; Government of Canada, Ottawa, ON. 444 p. The digital interactive version of the report is available at [www.ChangingClimate.ca/CCCR2019](http://www.ChangingClimate.ca/CCCR2019). The report is also available at: [adaptation.nrcan.gc.ca](http://adaptation.nrcan.gc.ca)

Andrew Weaver, 2008, Keeping Our Cool: Canada in a Warming World, Viking Canada, 336 pages, ISBN 0670068004 (ISBN13: 9780670068005)

### Slide URL Sources

Planet Under Pressure?

London, 2012

<http://www.igbp.net/news/pressreleases/pressreleases/welcometotheanthropocenefilmreleased.5.705e080613685f74edb8000266.html>

Intergovernmental Panel on Climate Change (IPCC):

'The Ocean and Cryosphere in a Changing Climate'

September 2019

<https://www.ipcc.ch/srocc/>

<https://svs.gsfc.nasa.gov/4750#27894>

What is Happening This Year?

<https://nsidc.org/arcticseaicenews/>

Massive Greenland Melt Recently Discovered

<https://nsidc.org/greenland-today/>

Climate Change Atlas for Canada

<https://climateatlas.ca>

An Assessment of the Impacts of Climate Change on the Great Lakes: <http://elpc.org/wp-content/uploads/2019/03/Great-Lakes-Climate-Change-Report.pdf>