

Name/Date:

**Social Studies 10**

**Unit 5: Modern Canada: Society, Economy, Rights, and Environment, 1984-2001**

# 5G Climate Change



**Focus Questions:**

- How is human activity affecting the atmosphere and the ozone layer
- How can we offset environmental threats at the local, national, and international levels?

**Reference:** Counterpoints Chapter 13: The Environment p. 437-451 (start with a quick read through)

**Image:** "Arctic Ice is shrinking rapidly" -Environment Canada

**Source:** <http://www.ec.gc.ca/sc-cs/default.asp>

## Compare Ozone Depletion and Global Warming (p. 437-444)

Problem	Ozone Depletion	Global Warming
Definition/Causes		
Gases responsible		
Effects or impacts (particularly in Canada)		
Agreements or protocols (include how successful they were)		
Solutions to problem		
any advantages?		
other comments / interesting facts		

**Questions** (use separate paper if necessary)

1. Look at the pros and cons of alternate energy sources in p. 445 (Figure 13-28). Make a note of the ones you are unfamiliar with. Why is it difficult to switch to cleaner forms of energy?
2. Which forms of sustainable energy would be practical in northern BC?
3. Why have many First Nations communities turned to alternate energy sources? (p. 448)
4. Read through the case study on p. 446-447. Why is it so difficult for countries to reach an agreement to reduce GHG emissions? When you compare the positions of Canada with other countries (e.g. India and China), what do you think Canada should do?
5. How can we offset environmental threats at the local, national, and international levels? (p. 448-449)

**Examine the source below<sup>1</sup>. What is the message? What issue is being raised? Why is this message important (why is the issue significant)? Is there anything missing from the source that you wish you had available?**



<sup>1</sup> source: [http://i.telegraph.co.uk/multimedia/archive/01011/arctic\\_melt\\_460\\_1011890c.jpg](http://i.telegraph.co.uk/multimedia/archive/01011/arctic_melt_460_1011890c.jpg)