

## Section 11.2

# Human Activity and Climate Change

## Before You Read



### 1. Words to Know

Directions: Match the correct definition to the term on the left.  
Scan pages 482 – 496 to find the definitions.

Words to Know	Definition
___ climate change	A. the ability of a substance to warm the atmosphere by trapping thermal energy
___ enhanced greenhouse effect	B. changes in long-term weather patterns in certain regions, such as regions of the northern hemisphere
___ general circulation models (GCMs)	C. computer models designed to study climate
___ global warming	D. the increased capacity of the atmosphere to trap thermal energy because of an increase in greenhouse gases
___ global warming potential (GWP)	E. ground that usually remains frozen year-round
___ permafrost	F. the idea that a lack of complete scientific certainty should not be used as a reason to postpone cost-effective measures to prevent serious environmental damage
___ precautionary principle	G. the increase in global average temperature

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## 2. Predicting the Main Ideas of Section 11.2

Directions: Scan pages 482 – 496 looking at the pictures and titles within this section. Predict five things you think you will learn in this section.

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