

Global Environmental Issues

- *Global Warming* - Earth's average temperature may increase by 5°C
Greenhouse effect - the warming of the Earth because the atmospheric gases absorb the sun's light
- *Acid Rain* - air pollutants dissolve in the rain to produce acid rain
- *Water pollution* (Oceans)
- *Biodiversity* - describes the number and variety of living organisms. Term also describes the variety of landscape types

Environmental Agreements

- air and water circulate around the planet ignoring the political boundaries
- pollution in one area is often spread to another area due to the wind and water currents. Acid rain and air quality issues in eastern Canada are partially due to the high amounts of air pollutants coming from the Ohio Valley.
- as a result nations have begun to work together in developing world agreements on environmental issues:

IJC (International Joint Commission) - signed by the US and Canada to solve disputes along the Great Lakes and St. Lawrence River

Trans-boundary Movement of Hazardous Waste - Canada and US - to ensure the safe movement of hazardous waste

Kyoto Accord - global agreement signed by over 170 nations to reduce world air pollutants by 5%

International Agreements on the Environment

(Page 176-179 Perspectives)

1. Identify 5 groups concerned with achieving successful agreements on the environment.
2. Describe 3 projects the IJC has been involved in.
3. List the eight American states and the two Canadian provinces sharing the Great Lakes- St. Lawrence system.
4. What are the four key points in the Trans-boundary Movement of Hazardous Waste treaty?
5. What are CFC's and what are they used for?
6. What problem is the use of CFC's responsible for?
7. What is the ozone layer and its purpose?
8. Draw a diagram that describes how pollution adds to the Greenhouse effect.
9. What are 3 obstacles to achieving successful agreements on the environment?

Stopping the Trade of Endangered Species

(Page 184-185 Perspectives)

1. Describe poaching in your own words.
2. What is CITIES?
3. What is WAPPRIITA?
4. Sea horse populations are declining due to habitat destruction. Describe two ways that cause the destruction.

5. List 5 examples of endangered animal trade and the reasons for the illegal trade.

Endangered animal	Reasons for illegal trade