

7-6.6 The Environment

The environment has been harmed by:

- population growth
- _____
- industrialization.

Population growth and urbanization have led to an increase in land development, which has harmed or eliminated many _____ and _____ habitats.



The Green Revolution

- The _____ revolution that began in the 1960s was an attempt to increase food production worldwide through the increased use of _____, pesticides, and new strains of crops.
- The result was higher yields of crops and lower rates of famine. Increase in agriculture also resulted in an _____ in population.
- A downside to this green revolution, however, was the _____ released into the environment and increased soil erosion.
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Increase in Urbanization and industrialization (CITIES!)

According to the United Nations:

- In 1950, it was estimated: 732 million people in the world lived in _____ areas.
- In 2005, this number was estimated to have quadrupled to 3.2 billion.

Urbanization often results in problems of increased waste, _____, and increased warming in the cities compared to rural areas.



Improvements in land development farming has its negative side...

- Some land development and farming techniques have led to increased release of chemicals and soil _____.
- The change in the use of the land had also changed wildlife habitats, _____ various species around the world.

Urbanization and Industrialization

- Urbanization and industrialization play a role in these changes in that _____ and business require more land agriculture.
- Urbanization and industrialization have increased the demand for earth's natural resources and led to changes in the use of the earth's resources, often resulting in pollution and environmental issues.

Pollution

- _____ emissions from automobiles and carbon dioxide emissions from the burning of _____ fuels such as coal and oil for energy have caused air and water pollution, acid rain, damage to the ozone layer, and increased the greenhouse effect.
- The continued burning of coal and oil has released carbon dioxide into the atmosphere, leading to _____ rain and pollution.



CFC's - Chlorofluorocarbons

- The earth's ozone layer, which protects against the sun's ultraviolet rays, has been damaged by the release of _____'s. Continued loss of ozone could result in increased levels of skin cancer and damage to plant and animal species.

Kyoto Protocol

- Efforts have been made by groups worldwide to curb the emissions of CFCs both by large manufacturers and by small producers.
- In 1992, many nations of the world signed the _____, _____, designed to reduce greenhouse gases emitted by each country.

How to help the Environment!

On the local level, many communities and schools undertake recycling programs in an effort to _____ waste. Increasingly, some citizens are purchasing products made of recycling materials, opting for _____ bags at grocery stores, using more energy efficient light bulbs, and unplugging electrical appliances in an effort to make a small impact.

Other changes...

- Such as _____ and electric cars that use less oil and energy efficient appliances that require less power are increasingly being developed and used.
- The research and development of alternative sources of energy continues to increase worldwide as well.
- Many alternatives and renewable energy sources such as _____ and wind are being increasingly used to provide power for homes and businesses. _____ energy, a nonrenewable energy source is also widely used as a power source.