

## 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.