

21.3 Climate Changes

Human Impact on Climate Changes

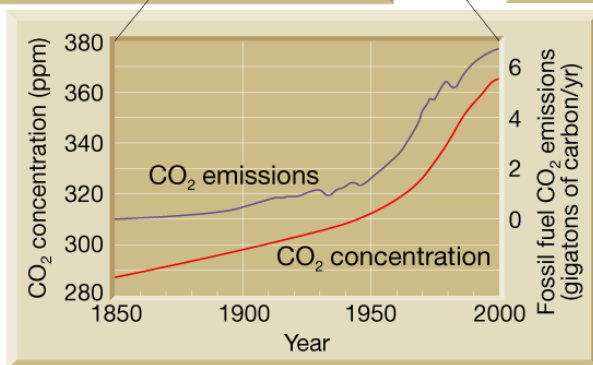
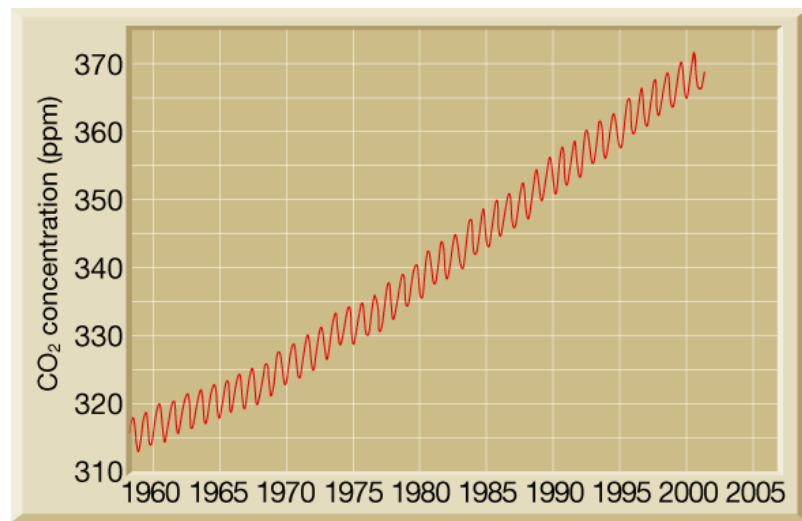
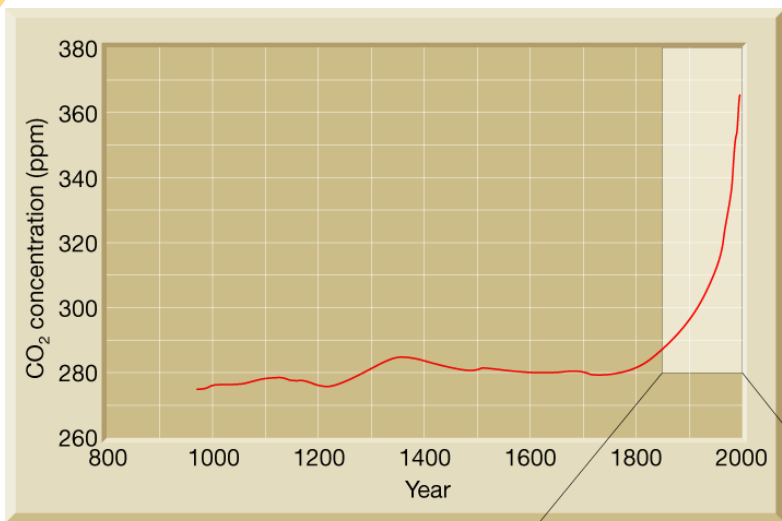
◆ The Greenhouse Effect

- The **greenhouse effect** is a natural warming of both Earth's lower atmosphere and Earth's surface from solar radiation being absorbed and emitted by the atmosphere.

◆ Global Warming

- As a result of increased levels of carbon dioxide and other greenhouse gases, global temperatures have increased. This increase is called **global warming**.

Carbon Dioxide Concentrations and Emissions



Increases in Greenhouse Gases and Changes in Temperature

