

Human Impact Objectives:

Define these key terms:

Renewable resources nonrenewable resources pollution direct harvesting poaching
deforestation biodiversity trade off foreign species industrialization toxic wastes
fossil fuels smog greenhouse effect global warming acid rain ozone shield
ozone depletion CFCs fertilizer runoff

- Recognize that humans have upset natural systems.
 - Recognize that human population growth has increased rapidly, because of the removal of checks on population growth, such as disease due to medical advances.
 - Identify the causes, effects, and goals for poor farming practices, destruction of biodiversity, direct harvesting, and introduction of foreign species.
 - State 3 areas where humans have made advancement.
 - State how the human population growth negatively impacted the environment.
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- Identify & describe 2 poor farming practices.
 - Identify 1 effort to improve poor farming practices.
 - Identify 2 causes that can lead to a loss in biodiversity.
 - Identify 1 effort to improve biodiversity.
 - Identify 2 causes that exemplify direct harvesting.
 - Name 3 animals that are extinct.
 - Explain how introducing invasive species can be detrimental to the ecosystem.
 - Name 3 types of invasive species.
 - Choose one of the examples of an invasive species & describe how it has been problematic.
 - Identify 1 example for each type of pollution (air/land/water).
 - List examples of the species lost by overhunting and habitat destruction.
 - List 2 exotic species and explain how they have damaged the environment.
 - Explain the difference between chemical and biological control of animals and insects.
 - Recognize that pollution can adversely change the chemical composition of soil, air, and water.
 - Identify the causes, effects, and goals for air, land, and water pollution.
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- State the gases responsible for increasing the Earth's temperature.
 - Explain 2 ways deforestation contributes to global warming.
 - Identify 2 human practices that can reduce the effects of global warming.
 - Name the 2 gases involved with acid rain.
 - Identify 2 effects caused by acid rain.
 - Identify 2 human practices that can reduce the effects of acid rain.
 - State the main cause for ozone depletion.
 - Identify 2 human practices that can reduce the effects of ozone depletion.
 - Describe the effects of fertilizer runoff into lakes and ponds.
 - Identify two human efforts to reduce fertilizer runoff.