

UNEARTHING THE ENVIRONMENTAL IMPACT OF HUMAN ACTIVITY : A GLOBAL CO2 EMISSION ANALYSIS

INTRODUCTION:

Human impact the physical environment in many ways: overpopulation, burning fossil fuel, and deforestation. Changes like these have triggered climate change, soil erosion, poor air quality, and undrinkable water. These negative impacts can affect human behaviour and can prompt mass migration or battle over clean water.

Help your students understand the impact humans have on the physical environment with these classroom environment.

PRICELESS:

Jessica Alba discusses carbon pricing, the idea that people pay more for items that people pay more for items that pollute the environment and less

For things created in a sustainable manner , with yoram bauman.

POLLUTION:

Biology, Ecology, Health, Earth Science, Geography

Pollution is the introduction of harmful materials into the environment
These harmful materials are called POLLUTANTS.

LANDFILL:

Pollution is the introduction of harmful materials into the environment. Landfills collect garbage and other land pollution in a central location. Many places are running out of space for landfills.

Pollution is the introduction of harmful materials into the environment. These harmful materials are called pollutants. Pollutants can be natural, such as volcanic ash. They can also be created by human activity, such as trash or runoff produced by factories. Pollutants damage the quality of air, water, and land.

Many things that are useful to people produce pollution. Cars spew pollutants from their exhaust pipes. Burning coal to create electricity pollutes the air. Industries and homes generate garbage and sewage that can pollute the land and water. Pesticides—chemical poisons used to kill weeds and insects—seep into waterways and harm wildlife.

All living things—from one-celled microbes to blue whales—depend on Earth's supply of air and water. When these resources are polluted, all forms of life are threatened.

Pollution is a global problem. Although urban areas are usually more polluted than the countryside, pollution can spread to remote places where no people live. For example, pesticides and other chemicals have been found in the Antarctic ice sheet. In the middle of northern Pacific ocean, a huge collection of microscopic plastic particles forms what is known as the Great Pacific Garbage Patch.

Air and water currents carry pollution. Ocean currents and migrating fish carry marine pollutants far and wide. Winds can pick up radioactive material and scatter it around the world. Smoke from a factory in one country drifts into another country.

In the past visitors to Big Bend National Park in the U.S. state of Texas could see 290 kilometers (180 miles) across the vast landscape. Now, coal-burning power plants in Texas and the neighboring state of Chihuahua, Mexico have spewed so much pollution into the air that visitors to Big Bend can sometimes see only 50 kilometers (30 miles).

The three major types of pollution are air pollution, water pollution, and land pollution.

AIR POLLUTION:

Sometimes, air pollution is visible. A person can see dark smoke pour from the exhaust pipes of large trucks or factories, for example. More often, however, air pollution is invisible.

HOW LONG DOES IT LAST:

Different materials decompose at different rates. How long does it take for these common types of trash to break down?

INDOOR AIR :

The air inside your house can be polluted. Air and carpet cleaners, insect sprays, and cigarettes are all sources of indoor air pollution.

SOURCES OF GREENHOUSE GAS EMISSION:

- *Overview.
- *Electricity power.
- *Transportation.
- *INDUSTRY.
- *Commercial/Residential.
- *Agriculture.
- *Land Use/ Forestry.

CARBON DIOXIDE (CO₂):

- *burning fossil fuels (natural gas, and oil)
- *Solid waste.
- *Trees and other biological materials.

CARBON DIOXIDE EXAMPLES:

- *Refrigerant.
- *In fire extinguishers.
- *Inflating life rafts .
- *life jackets.
- *Blasting coal.
- *Foaming rubber.
- *Plastics.
- *Promoting the growth of plants in greenhouses.
- *Immobilizing animals before slaughter.
- *In carbonated beverages.

CARBON DIOXIDE EFFECTS:

- *Exposure to CO_2 can produce a variety of health effects.
- *These may include headaches.
- *Dizziness.
- *Restlessness.
- *A tingling or pins or needles feeling.
- *Difficulty breathing.
- *Sweating.
- *Tiredness.
- *Increased heart rate.

CARBON DIOXIDE FACTS:

- *Carbon dioxide exists naturally in the atmosphere.
- *Carbon dioxide has no taste, colour or smell.
- *Carbon dioxide can be used to increase growth of flowers , fruit and vegetables.
- *Carbon dioxide and carbon monoxide are two very different things.
- *Dry ice is made of carbon dioxide.

CO₂ HARMFUL TO HUMANS?

- *Symptoms of mild CO₂ exposure may include headache and drowsiness.
- *At higher levels, rapid breathing, confusion.
- *Increased arrhythmias may occur.
- *Breathing oxygen depleted air,
- *Caused by extreme CO₂ concentrations can lead to death by suffocation.

AFFECT:

- *Agriculture

- *Deforestation

- *Overpopulation

- *Overpollution

- *Plastic production

- *Production of black carbon.

NEGATIVE EFFECTS:

- *Sedimentation

- *pollution

- *Climate change

- *Deforestation

- *Landscape change.

HUMAN ACTIVITIES THAT DESTROY THE ENVIRONMENT:

- *Noise making

- *Quarrying

- *Bush burning

- *Overpopulation could be impacting the environment

- *Pollution has a direct impact on the environment

- *Global warming is blamed on humans

- *Some things have a direct impact on nature

- *Like the dumping of waste into the ocean

- *About 2,000 trees have been

- *Cut down every minute

- *During the past 40 years.

HERE'S HOW YOU CAN HELP:

- *Watch your energy consumption

- *go vegetarian for a day

- *recycle old technology

- *conserve resources

- *do some gardening

- *buy in season and avoid packing

- *travel smart

CLIMATE CHANGE:

One of the most significant human impacts on the environment is deforestation and pollution, there are significant.....

