

Name: Mariam

Human Impact Research Project

The human impact that I choose to research:

Human Impact on Global Warming



My Learning

A brief history/timeline of the impact	How the impact has changed the environment	How the changing environment has affected life on Earth
<p>The human impact on global warming was started ever since the beginning of the industrial revolution. Since 1900 carbon emissions from burning fossil fuels have increased all around the world. This is because of the amount of greenhouse gases released into the air while producing more products.</p> <p>Since 1970 CO₂ emissions have increased by about 90% and it continued to happen throughout the years and getting more worse.</p> <p>We can see many examples of greenhouse gas emissions in our daily life such as burning gasoline when we drive, burning coal or natural gas for home heating, or using electricity.</p>	<p>Greenhouse gases such as carbon dioxide, methane, nitrous oxide, fluorinated gases released into the air have huge impact on our Earth.</p> <p>The greenhouse gases trap the heat in the Earth's atmosphere and warm up the planet.</p> <p>The evidence shows global average temperature has increased about 1.8°F from 1901 to 2016.</p> <p>Changes in the weather, eco-system, oceans, and environment can be seen by many catastrophes all over the world.</p> <p>Examples: permafrost melt in Arctic region, Australia bushfire, finding microplastic in Antarctic ice, heatwave in Antarctica, ice shelf collapsing in Canada, deforestation in Amazon rain forest, severe floods in China and more.</p>	<p>The changing environment has affected life on Earth in many ways. As a result of warmer temperatures, long standing glaciers and permafrost have started to melt causing rising sea levels all over the world.</p> <p>There are many animals and living things that depend on cold temperatures and glaciers to survive such as polar bears, narwhals, seals, walruses, penguins, snowy owls and arctic foxes and hare. They would lose their habitats, their food web if their living environment in the glaciers are changed by melting ices caused by human impacts on global warming.</p> <p>Analysis shows wildlife extinction on Earth is getting worse in the coming years. It is estimated that more than 500 species of land animals would be lost in 20 years.</p> <p>Among them are the Sumatran rhino, the Española giant tortoise and the harlequin frog.</p> <p>As a result of animal extinction, ecosystems would be unbalanced, and health and wellbeing of all living things on the Earth including humans also would be in danger because of unbalanced biodiversity.</p>

Human Impact Research Project Outline

Using a book from home or the library, or the internet, please research and choose one human impact that you want to talk about.

Write down the name of the human impact you want to research and in the box draw and colour a picture that illustrates the impact of your choice. Below the illustration, share your research by explaining a brief history or timeline of the impact, how this has changed the environment, and how the changing environment affects life on Earth.

Give credit to your information source by filling in the information below:

Name of Book(s)	
Author of Book(s)	
Website Address(es)	https://www.epa.gov/ghgemissions/global-greenhouse-gas-emissions-data

*(If you only used a book, you do not need to list a website, and vice-versa.)

Suggested website:

<https://earth.org/the-biggest-environmental-problems-of-our-lifetime/>