A smoke coming out of a factory

Description automatically generated

DON'T IGNORE THE DANGER OF GLOBAL WARMING!

Let's Learn the Causes and Impacts of It

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| **Introduction**  Climate change refers to long-term shifts in temperature, precipitation patterns, and other atmospheric conditions on Earth. These changes are primarily driven by human activities, particularly the emission of greenhouse gases such as carbon dioxide and methane. |

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| **Causes of Global Warming** |

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| **Impacts of Global warming** |

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| **Greenhouse Gas**  **Emissions**  **1**  Burning of fossil fuels and deforestation by human activities result in the escalation of greenhouse gas levels in the atmosphere.  A diagram of a fossil fuel  Description automatically generated | **1**  **Global Temperature Increase**  A monkey sitting on a stump  Description automatically generated  Global warming causes an increase in the average surface temperature of the Earth, which can trigger harmful climate changes. |
| A globe with yellow and purple continents and sun and thermometer  Description automatically generated **2**  Greenhouse gases trap heat from the sun and keep it in the atmosphere, causing global temperatures to rise.  **Greenhouse Effect** | **2**  **Rising Sea Levels**  A polar bear on an ice floe  Description automatically generated  Melting ice in the polar regions and glaciers can cause sea levels to rise, which can impact human well-being and ocean ecosystems. |
| **3**  **Land Use Changes**  A person with a chainsaw and animals  Description automatically generated  Deforestation and land conversion to urban or agricultural areas can accelerate global warming by reducing the ability of plants to absorb carbon dioxide. | **3**  **Land Use Changes**  Global warming can cause the rapid spread of diseases, especially those transmitted by insects and animals.  A person in a protective suit spraying pesticides  Description automatically generated |

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| **Temperature Data** |

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| **Analysis of Temperature** |

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| Global Temperatures (2019-2023) | | |
| Years | Height Temperature | Lowest Temperature |
| 2019 | 54.0°C | -92.9°C |
| 2020 | 54.4°C | -93.3°C |
| 2021 | 54.0°C | -93.2°C |
| 2022 | 53.9°C | -93.2°C |
| 2023 | 54.9°C | -93.3°C |

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| **Ways to Reduce the Impact of Global Warming** |

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| **Conclusion**  Climate change is an urgent global challenge that affects every aspect of our environment and daily lives. Rising temperatures, extreme weather events, and shifting ecosystems are clear indicators of the profound impact human activities have on our planet. By taking collective action now, we can mitigate the worst effects of climate change and ensure a healthy, sustainable future for generations to come. Let's act together to protect our planet—because the future is in our hands. |

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| **References** |

**1.** (ChatGPT, 2024)

**2.** (Google, 2024)