

Climate Change Causes and its Consequences

Brainstorming

Deforestation

Fluorinated Gases \longleftrightarrow Causes \longrightarrow Carbon dioxide Emissions

Fertilizers containing Nitrogen \downarrow \longrightarrow Burning of Fossil fuel

Reduced food Production

Water Scarcity \longleftrightarrow Consequences \longrightarrow Extreme Weather Events

Air Pollution \downarrow \longrightarrow Sea level Rise

Outline

Hook

Background

Thesis Climate change, primarily driven by human activities, poses

a significant threat to the environment, biodiversity, and human societies. Urgent global action through policy measures, technological advancements, and sustainable practices is essential to mitigate its impact and ensure a livable future for generations to come.

Introduction:

"We do not inherit the Earth from our ancestors; we borrow it from our children."

Climate change is one of the most pressing global challenges of the 21st century. It refers to long-term shifts in temperature, weather patterns, and atmospheric conditions primarily driven by human activities, particularly the burning of fossil fuels, deforestation, and industrial emissions. These activities release excessive amounts of **greenhouse gases** like carbon dioxide (CO_2).

and methane (CH_4) trapping heat in the Earth's atmosphere and causing global temperature to rise.

The consequences of climate change are far-reaching, affecting ecosystems, biodiversity, agriculture, human health and economies worldwide. Rising sea

levels, extreme weather events, prolonged droughts, melting polar ice caps are just some of the devastating effects

already being observed. While natural factors can influence climate variations, scientific consensus overwhelmingly

attributes the current rapid changes to human influence.

→ Do not break the paragraph

Addressing the climate change requires

urgent global cooperation through policy measures, technological innovation, and

sustainable practices. From international

agreements like the **Paris Agreement** to local conservation efforts, societies

must work collectively to mitigate its impact and adapt to an evolving environment. Understanding climate change is crucial for making informed decisions that will shape a sustainable future for generations to come.

Keep practicing