

Topic :

Causes and Impacts of
Climate change on Pakistan.

Outlines

1) Introduction:

Thesis statement:

There are several causes
of climate change but human

activities are considered to be the main driver of climate change, which includes: **B**urning of fossil fuels, **D**eforestation, **I**ndustrial processes and **L**and use changes. Certain natural processes could also lead to the climate change like volcanic **E**rupsions, changes in Earth's orbit, solar variability and ocean currents. Change in climate have several consequences too which in Pakistan's case are; rise in temperature, water scarcity, **E**xtrême weather, impacts on agriculture, Health and Biodiversity. If these causes of climate change remain unaddressed then it would be impossible for the upcoming generation to survive.

2) Main body: **Causes of Climate Change**

2.1) Human causes:

2.1.1) Burning Fossil fuels

2.1.2) Deforestation

2.1.3) Industrial process

2.1.4) Land use changes

2.2) Natural causes:

2.2.1) volcanic eruptions

2.2.2) changes in Earth's orbit.

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2.2.3) solar variability

2.2.4) Ocean currents.

2.3) Impacts of climate change on Pakistan;

2.3.1) Rise in temperature,

2.3.2) water scarcity

2.3.3) Extreme weather

2.3.4) Impacts on agriculture

2.3.5) Impacts on health.

2.3.6) Mass migration

2.3.7) Biodiversity. **Loss**

3) Conclusion:

The Essay

In Siberia, the thawing permafrost is unearthing (among other things) bones of an animal known as the woolly mammoth. The last woolly mammoth perished more than 10,000 years ago but the bones of this species are now being found in several parts of northern Siberia where large portions of permafrost are thawing. For all the treasures that it contains, permafrost poses a threat to humankind and Earth's climate. Scientists have linked permafrost thaw to

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the melting of an ancient freezer which reveals contents that have not been seen since the ice age (Rafia Zakaria, April 2024). This precarious thawing of permafrost is the result of global warming and climate change. There are several causes of climate change but human activities are considered to be the main driver of climate change. 95% of human activities are responsible for change in climate. There are certain natural causes ^{which} also contribute in climate change. Change in climate have several consequences too which in Pakistan's case are rise in temperature, water scarcity, Extreme weather, impacts on agriculture, impacts on health, mass migration ~~and~~ also impacts on biodiversity. If these causes of climate change remain unaddressed then it would be impossible for the upcoming generation to survive because the clock is ticking now.