



"Outline"

I. Introduction

a) Hook

b) Background / General statements / Supporting sentences

c) Thesis: Climate change is caused by certain natural causes including volcanic eruptions, fluctuating solar radiations, changing Earth's orbit and Earth's reflectivity, naturally changing concentrations of CO₂ and other greenhouse gases, and tectonic shifts. Furthermore, greenhouse effect and global warming is accelerating climate change due to human-driven causes like deforestation, transportation, electricity/energy generation, oil and gas industry development, manufacturing, buildings, life choices and industrialized agriculture. The consequences of climate change include hotter temperatures, more severe storms, loss of species, increased drought, warming and rising oceans, health issues, food shortages, poverty and displacement, and territorial consequences.

To minimize these consequences, climate change needs to be countered.

II. Main Body

A. Causes of Climate Change

→ Natural Causes:

- a) Volcanic Eruptions
- b) Fluctuating Solar Radiations
- c) Changing Earth's orbit and reflection
- d) Naturally changing concentrations of CO₂ and other greenhouse gases
- e) Tectonic shifts.

→ Human-driven Causes:

- a) Deforestation
- b) Transportation
- c) Electricity/Energy generation
- d) Industry and Manufacturing
- e) Oil and gas development
- f) Buildings
- g) Life choices
- h) Industrialized Agriculture

B. Consequences of Climate Change

- a) Hotter Temperatures
- b) More Severe Storms
- c) Increased droughts
- d) Warming and rising oceans
- e) loss of species
- f) Food shortage
- g) Health issues
- h) poverty and displacement
- i) Territorial consequences.

III. Conclusion

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Climate change is one of the important contemporary issues in the world. Bill Nye said; "Climate change is happening, humans are causing it, and I think this is perhaps the most serious environmental issue we are facing." The planet's average temperature has risen by two degrees Fahrenheit since the 1900s. This change is unrivaled by any others in recorded-or-estimated-history. Prince Charles of United Kingdom had once said; "Humanity faces many threats, but none is greater than climate change. In damaging our climate, we are becoming the architects of our own destruction." ~~We have~~ Global seas have risen eight inches over the last century. In the two decades alone, the rate of rise has nearly doubled. ~~The~~ Unfortunately, Pakistan is one of the countries which are facing the ill-effects of climate change around the globe. The reasons of this climate change are both natural ~~causes~~ and human-driven causes. Natural factors involve volcanic eruptions, fluctuating solar radiations, changing Earth's orbit and reflection, naturally changing concentrations of carbon dioxide and other greenhouse gases, and tectonic shifts. Human-driven ^{increased} factors include deforestation, ~~transportation~~ and ~~emissions~~ of greenhouse gases including CO₂, methane, CFCs (Chlorofluorocarbons), and nitrous oxide, being emitted by human activities including transportation, electricity and energy generation, industry and manufacturing, oil and gas development, buildings, modern life choices and industrialized agriculture. The main consequences of climate change are

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hotter temperatures, severe storms, increased droughts, warming and rising oceans, loss of species, food shortage, health issues, poverty and displacement, and territorial consequences. To counter these consequences and ill-effects, climate change needs to be countered.