

Climate Change: Causes and Consequences

Outline

(I) Introduction

(a) Hook

(b) Background

(c) Thesis Statement:

climate change driven by human activities as well as natural processes has led to severe environmental, social, and economic consequences globally.

Brain storming

Man Made causes

① Burning fossil fuels -

② Transportation emissions -

③ Industrial emissions -

④ Deforestation -

⑤ Agriculture, livestock / rice

⑥ urbanization

⑦ waste decomposition

Natural causes

① ~~ocean~~ ^{ocean} circulation changes

② volcanic eruptions -

③ Natural greenhouse gas emissions

④ Natural forest fires -

⑤ Solar radiation variability

Consequences

① Global warming

② Extreme weathers

③ Floods, intense

④ Biodiversity loss

⑤ Food insecurity

⑥ Glacier melting

⑦ sea level rise

⑧ water scarcity

⑨ Health crisis

⑩ Economic collapse / riots

"We are the first generation to feel the full effects of climate change, and the last generation that can do something about it". This powerful and alarming statement by the Ex-President of the United States highlights the urgency and responsibility about the climate change. Climate change refers to the long-term alteration of earth's temperature and weather pattern that is affecting the globe where we live. Climate change is neither a new issue, nor it is fully a settled one. Developed countries are dealing with it successfully, whereas developing countries are still struggling. Unfortunately, Pakistan is also one of them. The main causes behind the climate change are man-made as well as natural. Human activities include the burning of fossil fuels, transportation emissions, industrial emissions and deforestation. Alongside these, natural factors such as changes in ocean circulation, volcanic eruptions, and natural greenhouse gas emissions also contribute to climate variations. As a result of these combined factors, the world is witnessing global warming, extreme weather events, intense floods, loss of biodiversity, food insecurity, water scarcity and even economic instability.