

ENGLISH ESSAY.

Despite its urgency, Climate Crisis Remains the Most Neglected Cause:

OUTLINE

1 Introduction

Thesis Statement: Despite its urgency climate change is still the most neglected cause. Neglecting of climate crisis has badly affected the life on the planet. Therefore, it needs urgent measures and global cooperation to help fight back.

2 What is climate crisis being neglected the most.

3 How climate crisis is neglected:

a- Construction of more industries to win the economic race.

b- Use of transportation

c- Generation of electricity by fuels, coals etc

d- Universal political polarization.

e- Lobbying by fossil fuel industry

f- People are unaware regarding climate crisis and its impacts.

4 Impacts of climate crisis on the life.

a- Increasing food insecurity due to climate change

b- Displacement of population due to heavy rains and floods.

- c- Loss of biodiversity due to global warming
- d- unemployment and poverty level increase
- e- Health problems and Mortality rates has increased.

5 Measures to address and highlight the

issues of crisis:

- a- Transition to renewable source of energy.
- b- Role of international organisations and diplomacy.
- c- Strengthening climate policies and regulations.
- d- Imposed carbon tax on developed states
- f- Awareness regarding climate crisis through media etc.

6 Conclusion:

For what reason would youngsters smoke cigarettes. Notwithstanding, when all the restorative confirmation focuses on the perils of doing such studies find the adolescents educated about danger of tobacco. But their response was "Smoking is cool" and shows positive picture to their companions"

Sociologist "George Herbert" explained it

Such as climate crisis. Developed nations are the highest contributors in climate crisis.

They are aware about the impacts of ~~high~~ industries, emitting high level of carbon dioxide gases on the climate. But they are in an ^{busy} economic race. They use heavy engine vehicles. High level of consumption of fuels, because "it is cool". ~~more than~~. Rich man drives heavy engine vehicle because it shows positive picture to their companions, but damaging our planet's environment. Neglecting the climate crisis.

Generation of energy or electricity through fuels. The fuel producing states or industries has their own hegemony. Universal political system is divided. It is not possible to come on same agenda together. People are unaware regarding climate crisis and its impacts.

That's why neglecting the climate crisis. Therefore, Climate Change ~~badly affects~~ ^{has impact on} the life of human life. Heavy rains cause of heavy floods. It destroys the infrastructures, crops, livestock, etc. The people displaced. Due to global warming, loss of biodiversity occurs. Health and economic status of people ^{it is also} can highly disturb, cause of high mortality rate. Hence, needs some urgent measures and global cooperations to save our planet. States would focus on production of green energy. International organisations would play their positive role. International community would be agree on different agreements and ~~follow~~ ^{follow} its limitations. Develop international funding bodies and needs to focus on awareness in the society about climate crisis and its impacts.

In nutshell, Despite its urgency the climate crisis is the most neglected ~~cause~~ ^{has} whereas, it badly affected the life on the planet. Therefore, it needs urgent measures and global co-operation to help in fight back.

Climate crisis, also referred to as climate change or global warming. It is a

pressing environmental issue driven by human activities. The average global temperature has increased by approximately 1.2 degree Celsius since the late 19th century. NASA Reports/WMO.

The decade from 2011 to till was the hottest ever recorded. In the first week of July, 2023 the average, mean temperature recorded highest of 17.1 degree Celsius, first time. It was recorded 16.9 degree Celsius in 2016^(WMO). Glaciers and polar ice caps are melting rapidly. Antarctica lost an average of 219 billion metric tons of ice per year between 2012 and 2017. (National Snow and Ice Data Center report)

Global sea level have risen about 20 centimeters or (8 inches) since the late 19th century. (National Oceanic and Atmospheric Administration) The Extreme weather events has been recorded in recent years.

The 2020 Atlantic hurricane Season was the most active on record with 30 named storms. National hurricane center report. In Australia 2019-20 bush fire season was unprecedented, which burns more than 18 million hectares. (The Guardian report 2020)

The absorption of excess of carbon dioxide (CO₂) by the world's oceans leads to ocean acidification. It decreases the pH of sea water by about 0.1 unit.

Since per industrial time (IPCC). Therefore, it clearly shows that climate crisis is real. The climate change and global warming exists, it is the result of man's activities which is mostly neglected.

Climate crisis has neglected by many ways. The rapid increase of industries is one of them. The industrialization era, known as the industrial revolution initiated by man in the late 18th and 19th century. A paradigm shift from agrarian, ~~to~~ handcraft based economies to mechanized, industrialised based economy. Technological advancement had seen in that era. Such as the invention of steam engines. The main source of transportations was railway and its engine was running by coals, the greatest carbon dioxide emitter. Gradually the industrialization increased rapidly, and contributing green house gases in the atmosphere. Many facts proved that rising in global temperature recorded since late 19th century. In 2019 carbon dioxide (CO₂) emissions from fossil fuels.

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Combustion and industrial process reached to a record high of 36.7 billion metric tones. (Global Carbon Project Report, 2020). The world's biggest economies are typically classified based on their Gross Domestic Product (GDP), which represents the total value of goods and services produced within a country's boundaries. Such as the biggest economy in the world is United State having approximately \$23 Trillion IMF July, 2023. Major industries and manufacturing are aerospace, automotive etc. China world second largest economy; having approximately \$17.3 Trillion. Major contribution of manufacturing of textiles, electronics, machinery and automotive. In nutshell, the ~~great~~ developed States have great contribution in climate crisis. They are in the economic race of being number one. But unjustly zero contribution to counter climate crisis.

Transportation is the major element in economic growth. There are many types of transportation. First is, Road vehicles includes cars, motorcycles, buses and taxis. These vehicles are used for passengers.

Secondly, heavy vehicles used for transportation of goods such as trucks, train etc.

Transportation plays a critical role in the global climate crisis. It is contributing significantly to green house gas emissions and exacerbating the challenges of climate crisis. The burning of fossil fuels for transportation is a major source of green house gas emissions. According to the International Energy Agency (IEA) transportation sector accounted for approximately 24 percent of Carbon dioxide (CO₂) emissions from fuel combustion in 2020. The aviation accounts for about 2-3% percent of global CO₂ emissions (International Council on Clean Transportation (ICCT 2021). Therefore, ^{nowadays} transportation is the major element of human life. ~~and~~ It is also a major contributor in climate crisis. Shifting towards electric vehicles would be helpful.

The generation of electricity through the combustion of fossil fuels is major contributor in green house gases emissions. Coal-fired power plants emit a substantial

Amount of Carbon dioxide (CO_2) due to high Carbon Content of coal. Coal Combustion also releases other pollutants such as Sulfur dioxide (SO_2) and Nitrogen oxides (NO_x). It ~~is~~ ^{is} contributing to air pollution and have environmental and health impacts. In Pakistan the least developed state, There are 61 thermal power plants. Pakistan generates about 27 thousand megawatt electricity from thermal power plants. (State of Industry report 2022)

Hence, the generation of electricity through the combustion of fossil fuels, primarily ^{from} coal and oil contributes massive amount of green house gases to the ~~air~~ atmosphere.

Political polarization plays a major role in exacerbating the challenges of climate crisis. Polarization often leads to gridlock in legislative bodies and governments. When parties are ideologically divided, they may struggle to agree on climate related policies, leading to delays or even the inability to pass the necessary legislation.

Global efforts to combat climate crisis such as Paris Agreement, rely on international

Cooperation. Paris Climate Accords is an international treaty on climate change. Adopted in 2015, the agreement covers climate change mitigation, adaptation and finance negotiated by 196 parties. In June, 2017 President Donald Trump announced his intent to withdraw the United States from the Paris Agreement on Climate Change. The main reason cited for withdrawal was that, the Paris Agreement has impacts on the economic and industrial sectors of United States and ~~disadvantage~~ ^{belief} that it was more disadvantaged to United States as compared to other states. So this is the political global level polarization. It is difficult to come on one page the whole states. It is necessary to make strong agreements among the states to save the planet.

The lobbying efforts of fossil fuel industries has badly affect the policies regarding climate change. Fossil fuel companies and related industries, often driven by their economic interests, have engaged in lobbying to influence regulations, delay or weaken climate policies.

Fossil fuel companies and Trade associations have spent substantial amounts on lobbying. In United State, the oil and gas industries spent over \$125 billion on federal lobbying in 2020. (According to The Center for Responsive Politics)

Therefore, the fossil fuel industry lobbying and spending amounts that they have strong hold in policy making.

People are unaware regarding climate crisis and its impacts. People have no access to the proper information about climate change.

Climate change awareness and concern can vary significantly by region. Such as, The people of Africa and South-Asia may have less levels of awareness as compared with Europe. Europe is the high level contributor in climate crisis, while Africa and South-Asia is the most vulnerable regions from climate change. Media plays a crucial role in shaping public awareness. Media can also sometimes shows it a distant and future problem, leading people to underestimate its urgency. Therefore majority of the people are unaware regarding climate crisis and its impacts on their life.

The climate crisis affects the life on the planet. Food insecurity has been increasing due to climate change. Recently the Food and Agriculture Organisation (FAO) and the World Food Programme (WFP) jointly published a report titled "Hunger Hotspots" early warning on acute food insecurity which covers the June to November 2023 period. The difficult food security situation ^{in Pakistan} has been aggravated by catastrophic floods which hit 116 districts at the end of ^{Aug,} 2022. The government of Pakistan declared 72 districts as being calamity-hit. Two million acres of crops are affected. (IPC report)

However, the scale of flood emergency, with ongoing rains and raising food prices. It means that food insecurity will increase more.

Social life of the people has been disturbing due to climate change. People ~~have~~ ^{were} displaced due to heavy rains and floods. In July, 2022, massive floods hit almost 116 districts in Pakistan. According to the government statistical figure round about 6.4 million severely affected. 3.3 million were displaced from their villages and districts.

In province of Sindh and Balochistan large population has affected from 2022 floods.

Therefore, due to climate change and global warming heavy rains have been recorded which is a cause of massive floods in the region. The people compel for migration.

Loss of biodiversity due to climate change is a pressing global concern with far reaching ecological, economic and social implications.

Climate change exacerbates existing threats to biodiversity. Rising temperatures and altered precipitation patterns can lead to shift in ecosystems and habitats. Species adapted to a specific climate conditions may struggle to survive as their habitats change or disappear. For example, polar bears are losing their sea ice habitat due to Arctic warming. It reduces access to prey, longer fasting periods and declining population sizes.

Therefore, loss of biodiversity is due to climate change. The life is disturbed due to global warming.

Climate Change has badly affected the people economically. Due to global warming extreme weather events and disasters have been recorded. Massive infrastructure has been destroyed in that events. People ~~have~~ were displaced, lose their jobs and businesses, leads to increased in poverty level. In Pakistan the government has announced that round about \$30 billion loss recorded in Pakistan.

Infrastructure has completely destroyed. The roads, bridges, hotels etc all were ~~completely~~ abolished, completely. Hence, the ~~un~~unemployment ratio has increased. The poverty should be increased with high unemployment ratio.

Climate Change is associated with a range of health problems. It can exacerbate existing health challenges. The health problems are often the result of direct and indirect effects of a changing climate. Rising of temperature can leads to increase heat related illnesses, such as heat exhaustion and heat stroke. In 2004 in United State 297 people died from excessive natural heat. But in 2021, heat related

deaths increased to 1600, a 459% uptick from 2004. (US FACT, August, 2023 Report)

Such as other diseases like, Respiratory problems due to air pollutions etc.

Therefore, Climate Change has high contribution in rising health problems and increase in the mortality rate.

There are some measures to address and highlight the issue of climate crisis.

The shift from non-renewable sources of energy to renewable sources is driven by a range of environmental, economic and social factors. Non-renewable source

of energy like coal, oil and gas are major contributors to green house gas emissions.

In 2020, global CO₂ carbon dioxide emissions from energy and industry were approximately 33.1 billion metric tons. It contributes in global warming. (IPCC reports 2020)

Burning of fossil fuels for energy production releases pollutants like sulfur dioxide, nitrogen oxides and particulate matters, which contributes to air and water pollution.

The cost of renewable energy technology such as solar and wind power has been steadily decreased. As of 2020 solar photovoltaic (PV) and onshore wind were among the cheapest sources of electricity in many regions. Therefore, shifting the source of energy from non-renewable to renewable is beneficial on aspects of environmental and economical.

Role of International organisations and strong diplomatic relations among the States is essential for countering climate change. World are struggling for positive outcome to counter climate change. Positive response has been seen in the COP-26 Summit in 2021. In Glasgow Climate Pact, for the first time, nations are called upon to phase down unabated coal power and inefficient subsidies from fossil fuels. All the developed nations admitted to collect \$100 billion funds and spent in 77 vulnerable developing nations. Pakistan is the head of that 77 States. In COP-27 Summit chaired by Prime Minister of Pakistan in Egypt reviewed that the amount

is not enough. Pakistan demanded for climate justice. Therefore, the developed nations, high contributors in emissions of Green house Gases needs to review the Climate justice agenda and help the most vulnerable States.

Strengthening climate policies and regulations is crucial for addressing the urgent and complex challenges posed by climate change. Robust and well-designed policies are essential to mitigate green house gas emissions. Strong climate policies set clear emissions reduction targets and mechanisms to ~~achieve~~ achieve them. This is essential to limit global warming to well below 2 degree Celsius above pre-industrial levels, as outlined in the Paris Agreement. Therefore, it is essential for all the States ~~to~~ to strictly follow the agreements and set the regulations to counter the climate change.

A tax on green house gas emissions is known as Carbon tax. Carbon tax is an instrument and market-based solution to control GHG emissions as it offers an effective

way to tackle the daunting challenges of CO_2 .
In fact, such a tax has sound potential to encourage the business to shift to renewable source of energy. Hence, Carbon tax is a crucial tool to cut GHG emissions.

Awareness of people regarding Climate Change and its impacts of their life. It is the most essential task. People should know about the reason behind the catastrophic natural events.

Media can play a vital role in it. Hence, if people aware, they will follow mitigation and adaptations and it will not be neglected, openly.

In a nutshell, Climate Change is a result of anthropogenic. Human knows about it.

A famous quote of Mr. Obama US president ~~that~~
"we are the first generation to feel the climate change and we are the last generation to do something to counter climate change". The climate change badly affected the whole world but especially the least developed nations.

Therefore, despite its urgency measures to counter climate change but unfortunately the most neglected case.