

# Climate change in Pakistan

MOTOWOTOFOSO

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Date: ...../...../20.....

## The Essay

Make a comprehensive outline by thoroughly studying the topic..

Climate change is a global phenomenon  
Pakistan contributes less than 1% to global emissions ...

### 1- Introduction :

Work on sentence structure

Grammatical errors

Coherence missing

1.1- Thesis statement, Climate change is global phenomenon

Use transitional sentences to shift from one main heading to another

which has adversely affected

Properly mention references and evidences to prove your stance

economic situation that require

a united stance from all

stakeholders involve to prevent

the problem from exacerbating.

### 2- Causes of climate change in Pakistan :

2.1 Deforestation in Pakistan

2.2 Industrial emission in Pakistan

2.3 Burning of Crops

2.4 Global carbon emission

2.5 Burning of fossil fuels

### 3- Impacts of climate change

### in Pakistan:

- 3.1. Increase in food insecurity
- 3.2. loss of human lives
- 3.3. migrations and internally displaced People (IDPs)
- 3.4. loss of economy
- 3.5. Disruption in weather and seasonal patterns

### 4. Solutions of climate change in Pakistan:

- 4.1. Reforestation in Pakistan
- 4.2. Restricting industrial emissions
- 4.3. seeking international assistance
- 4.4. Decreasing dependence on fossil fuels
- 4.5. Preventing the burning of crops.

### 5. Conclusion

Proper hook not a general statement to make it  
attention grabber

climate change is  
a global disaster. As Barack  
Obama said, "we are first  
generation to face the adversity  
of climate change and  
the last who can do  
something about". The disastrous  
impacts of climate change  
is apparent all around the  
world. Among other adversely  
affected countries, Pakistan is  
on top of the list. The  
country is witnessing the  
consequences of climate  
change since the last one  
and half decade. The  
reason why Pakistan is  
the most vulnerable include  
deforestation, industrial emissions  
crop burning, global carbon  
emissions and burning of  
fossil fuels in Pakistan for  
the production of energy.

These reasons, in general, have caused the country to face food security and the loss of valuable human lives. They also caused internal displacement of people (IDPs), loss of economy and disruption in seasonal patterns and weather. Moreover, Pakistan requires great efforts to prevent climate change causing destruction. For that, it needs to do reforestation, policing to restrict industrial emissions, and decrease its dependence on hydrocarbon. Further, it has to prevent crop burning and seek international assistance pledged by the global world. As climate change is global phenomenon on which has adversely affected Pakistan's social, political and

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economic situation which require a united stance from all stakeholders involved to prevent the problem from exacerbating.

One of the primary reasons for the cause of climate change in Pakistan include deforestation. Because trees protect the earth's climate by absorbing carbon dioxide which are cut down by local people or mafias. Another major reason for the loss of forest is caused by the construction of massive commercial project. For example, the buying of rural cultivatable land by housing construction people such as Bahria.

town and Defense Housing Authority. The erosion of forest of life in pakistan contribute to the climate change in the country. As the release of carbon is greater by anthropogenic activities than being absorbed by the trees.

Secondly, industrial emissions are also responsible for the climate change in pakistan. Industrial production is barely regulated in the country. It lacks any standard operating procedure SOP for the working of industries. There is no government policy that restricts the carbon emission from the industrial sector. As a result, they

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Keep adding to the problem of climate change. Industrial emissions of green house gases are a great source of the depletion of climate. That is why China tops the list of most carbon contributors to the depletion of climate. This is also the reason for climate change in Pakistan.

Thirdly, crop burning is also a major cause of climate change in Pakistan. Every year crop residue are burned in ample quantity. As a result, the burning cause the release of carbon dioxide and other gases in the environment which cause climate change.

The same also happens in the neighbouring country India. And because climate change doesn't respect borders, the burning of crops also effect climate in Pakistan. The remnants of crops burned in huge quantity exacerbates the situation of climate ~~for~~ to a greater amount.

fourthly, global carbon emission is the main major reason for ~~one of~~ <sup>one of</sup> the most climate vulnerable countries around the world. Since the Industrial revolution, the western countries have released huge quantity of ~~green~~ green house gases due to their production. The conse

-uence of which is now mostly being faced by the third world countries in the shape of natural disasters. Pakistan only contribute one percent ~~to~~ of the global carbon emission, yet it is the top fifth most vulnerable countries to climate change according to sources such as Dawn. This indicates how badly the global carbon emission have affected Pakistan.

Lastly, the burning of burning fossil fuel is another main reason for the climate change in Pakistan. The burning of hydrocarbons ~~cause~~ the release of green house gases in the atmosphere which result in ~~the~~

warming up and depletion of the atmosphere. fossil fuels account for most of the energy production in the country which makes it account for ~~as~~ ~~one~~ of the major reason for climate change in Pakistan. for example, most of the power plants use coal and oil for the production of energy to meet the country's need of electricity.

This is how the Moreover, climate change has drastically impacted the country by causing food insecurity. Pakistan is the fifth most populous country of the world. It requires a great amount of

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food to feed the people. In this regard, the country's agriculture sector play a vital role. It produces most of the food for the country. However, climate change has worsly affected the sector which has caused food insecurity. for example, 2022 flood have caused the drainage of fertile land in floods and caused the destruction of crops. This has made the scarcity of food items and inflation.

In addition to the food insecurity, climate change also cause the loss of valuable human lives in Pakistan. Climate change culminates into many

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natural disasters such as floods, intense heat waves, land slides and avalanche as a result of which many people die. An apparent example of this would include the floodings of 2022 which killed around 1700 people as per the Dawn report. Prior to that, many people also died in 2010 and 2015 floodings. This is how climate change poses a great challenge for the country's people and their safety and security.

With the increase in food insecurity and loss human lives, climate change also ~~will~~ impact the displacement of people and migrations. ~~These~~ Natural disasters but the

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climate change hit the local people through different. For instance, the people of Sibi in Balochistan migrate to Quetta in summers due to intense, unbearable heat. People from many other parts of Balochistan migrate to Quetta due to scorching heat. Furthermore, floods due to climate change displace people from their mainland, and they have to live a life in despair on a remote land. Such as the floods of 2022, which caused 33 million people internally displaced. This is how climate change add to migrations and IDPs.

climate change has

also caused immense loss to the economy. Every year the country loss billions due to climate related problems. Infrastructure is devastated by different natural disasters in the country. Roads and bridges are swept away by land sliding and flooding. This cause great burden on the exchequer. A poor country like Pakistan cannot time and again afford such economic devastations as in 2022 which resulted in the loss of 30 billion dollars as per the report of United Nations.

last but not the least, climate change also cause weather disruption and frequent change in

seasonal patterns. The disruption in weather is a great dilemma for Pakistan. Summers aren't the way they used to be. Now, frequent <sup>and</sup> intense heat is more usual. Similar effects have also caused intense winters. Climate change has also resulted in disruption of seasonal patterns. The yearly period which was used to be for cultivation is now surrounded by winter while those of crop picking seasons is caused by heatwave which burn the crops.

However, the country need swift reforestation to prevent climate change from reaching a no way out point. Trees are life to the

climate of the world. They protect the environment and ozone layer by absorbing great amount of carbon dioxide and providing oxygen for living organism. For instance the Great Amazon forest is called "lungs of the world" because it has great importance for the preservation of life on earth.

That is why Pakistan's previous government took up the challenge of reforestation to plant 10 billion trees. ~~tsunami~~ ~~which~~ Pakistan achieved

~~its target successfully despite its weak economic condition~~

Whereas, most of the developed and developing world lagged behind in

achieving their targets pledged internationally.

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Moreover, preventing the adverse impacts of climate change also need the country to implement restrict industrial emissions. Because industries release harmful gases in the atmosphere without any regard for the damage of climate.

They are barely regulated by the government to restrict and prevent them from releasing harmful gases in the atmosphere.

For that, the government needs to introduce a standard operating procedure for the working of industries in the country. Those adhering to the Sops should be incentivized while on others a climate tax should be imposed.

However, Pakistan must also seek international assistance for lowering down the risks of climate change. Most of Pakistan's climate change problem is due to the ~~bad~~ green house gases emission of the developed and developing world. Pakistan would not be able to alone meet the monetary requirement for the prevention of climate change. It should seek the climate fund pledged by international society in COP26. The country should ~~also~~ engage diplomatically with other countries to secure international aid, low interest rate loans, and increase in the time of debt repayment.

Furthermore, Pakistan should also decrease its dependence on fossil fuel. About 55% of the country's electricity is produced through hydrocarbons. It should transition to renewable energy resources like solar, wind energy, tidal power plant, and nuclear power plants. Otherwise it would be too late for the country to come back if timely action was not taken towards renewable resources. Even China has shut downed ~~its~~ many of its fossil fuel energy production plants and banned any new coal ~~ex~~ project for the production of energy. Pakistan must also focus on renewable

resources for its energy production.

In the end, the government must take action against the burning of crops which cause the release of harmful gases in the atmosphere.

Every year thousands of tons of crop residue is burned in the country which should be banned.

Additionally, Pakistan is also required to negotiate with New Delhi to act against the burning of crops on their side to prevent climate change. The government should punish those not adhering to the law regarding the transgression of burning of fossil crop burning.

In Conclusion, climate change is a great challenge to the security all around the world. It has got adverse due to the anthropogenic activities and is now hitting the world in many ways such as intense weather and natural disasters. Pakistan is also the most vulnerable country among to climate change.

Each year the country ~~loses~~ suffer the loss of human and capital resource. It requires the government, civil society and politician, all to work unitedly and adhere to the ~~goal~~ international pledges to take steps in the way of preventing climate change from further destructions.