

Q Climate change has its new version in Pakistan in the form of harsh weathers and unpredictable rains, even when Pakistan is not the ~~major~~ major contributor of CO₂ emissions. Explore all external causes to the phenomenon.

INTRODUCTION :

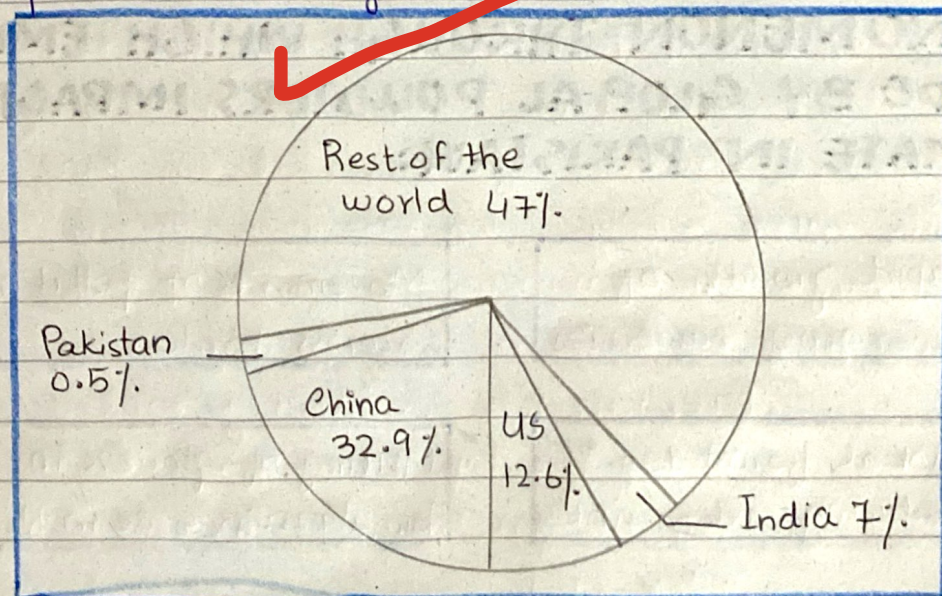
The climate change has been affecting ~~the~~ Pakistan since its inception. However, in recent years, its devastating effects have been seen killing thousands of people and destructing hundreds of houses. From cloud burst to recent floods the country's infrastructure has been severely damaged. The major reason of it being the CO₂ emissions is popularly discussed around the world. Pakistan's share in the carbon emission is little to none as compared to the developed and the new emerging economic countries. For instance, the country's produces only 1% of the carbon emission which is ~~less~~ majorly less than US and China. The reason of the climatic effects encountered by Pakistan while the emissions made ~~by~~ developed countries include the movement of polluter across the countries borders. Moreover, rapid industrialization, global forest loss and melting of glaciers of Himalayas play a major role in the devastating effects of climate change in Pakistan. In this scenario, Pakistan needs climate justice and an equitable share in the green financing to mitigate the issue of climate change. The country also need to work on governance to encounter the effects of climate change.

CONTRIBUTIONS OF PAKISTAN IN CO₂ EMISSIONS COMPARED TO OTHER COUNTRIES:

The comparison of CO₂ emissions of Pakistan as compared to other countries is as follows :

PAKISTAN'S CO₂ EMISSION : A DROP IN THE BUCKET :

Pakistan contributes only a very small share to the global CO₂ emissions. ~~It~~ Despite its CO₂ emissions, only 0.5%, the country is most severely impacted by the climate change effects. Pakistan has a very limited industrial base and comparatively low energy emissions which are negligible as compared to the giants like United States and China.



Pie Chart showing CO₂ emissions by different countries

CARBON EMISSIONS BY MAJOR CARBON

GLOBAL POLLUTORS : US AND CHINA

As compared to Pakistan, the major global polluters including US and China emit a variably high amount of carbon emissions which has caused the environment pollution in the world. Despite being the major polluters, their actions are being unjustly harming Pakistan, increasing the harmful impacts of climate change every year.

In 2023, the top three emitters (China, US and India) accounted for over 53% of CO₂ emissions from energy productions

PHENOMENON THROUGH WHICH EMISSIONS MADE BY GLOBAL POLLUTERS IMPACT CLIMATE IN PAKISTAN:

Rapid growth of emerging economies

Movement of polluters across borders

Global forest loss reducing carbon sinks

Melting of glaciers in Himalayas: increase in floods

Rapid industrialization in developed countries

RAPID GROWTH OF EMERGING ECONOMIES.

Emerging economies like China and ~~United~~ India are expanding their economies rapidly. These growth are at the expense of heavy machinery, industrializations and population growth. This causes the increase in the carbon emissions, ~~changing~~ weather conditions globally and increasing rainfall intensity. Although Pakistan emits little, it is affected majorly due to this issue.

MOVEMENT OF POLLUTORS ACROSS BORDERS:

The pollution and carbon emissions made by one country donot only stay their but are spreaded by air to all the countries. In case of Pakistan, the carbon emissions made by one ^{neighbouring} country is spreaded through borders to the country causing severe ~~to~~ climatic effects. Therefore, the country is severely impacted from the major carbon emissions made by the neighbouring countries.

Pakistan population suffers more than from climatic change despite contributing less than 1% to global greenhouse gas emissions. Rapid industrialization, fossil fuel use and deforestation worsen the situation.

- Muhammad Adnan, Addressing current climatic conditions in Pakistan - 2024.

GLOBAL FOREST LOSS REDUCING CARBON SINKS:

The rapid increase in growth of population and growth of economies have caused countries to cut trees and forest. This deforestation has caused the change in the atmospheric CO_2 levels as there are less trees to absorb the carbon emissions by the countries. The forests of South Africa, Amazon and South East Asia have ~~majorly~~ affected the Earth's ability to balance the carbon emissions. This excess CO_2 cause the change in climatic conditions of Pakistan. Thus Pakistan despite not being responsible for the carbon emission get severe repercussions of climatic change.

MELTING OF GLACIERS IN HIMALYAS: INCREASE IN FLOODS.

Increase in heat of the Earth due to the earth's deforestations have caused the melting of glaciers of Himalya. Pakistan is dependent on these glaciers for its water supply. When ~~these~~ these glaciers melt, the countries like Pakistan get floods which cause massive destructions in the country.

Pakistan has consistently ranked among the top 10 most vulnerable countries on the climate rate index LRI.

RAPID INDUSTRIALIZATION IN DEVELOPED COUNTRIES:

Developed countries like United States

and European nations industrialized early, burning fossil fuels for decades. Their historic emissions have built up in the atmosphere trapping heat and destabilizing global climate systems. As a result Pakistan, though not part of that ~~industrial growth~~, suffers the consequences ~~of~~ in terms of ~~harsh weather~~.

add more arguments.

CLIMATE INJUSTICE WITH PAKISTAN:

a 20 marks answer should have around 15 arguments.

How climate injustice is done with Pakistan.

Climate funding: lesser share in green financing.

Lesser steps taken to control carbon emissions: more words less action.

CLIMATE FUNDING : LESSER SHARE IN GREEN FINANCING

The actions of major global CO₂ emitters have resulted in the climatic disasters in Pakistan. Pakistan faces climatic injustice ~~as~~ in form of getting lesser share in climatic fundings. This lack of support from the world have resulted ~~in~~ the hinderance to Pakistan's ability to adapt, protect communities and ~~invest~~.

LESSER STEPS TAKEN TO CONTROL CARBON EMISSION: MORE WORDS : LESS ACTION:

Global leaders often pledge to cut carbon

emissions, but real progress is minimal. Major polluters continue using fossil fuels and expanding industries while making climate promises in international forums.

This hypocrisy means Pakistan ~~is~~ suffers climate disasters due to others emissions with the actual actions being taken globally to reduce greenhouse gases and protect vulnerable nations.

CONCLUSION:

Pakistan has been suffering from major climatic disasters. However, its contribution in global ~~carbon~~ carbon emissions is less than 1%. As compared to the country, the ~~major~~ major carbon emitters such as US and China play a major role in carbon climatic change. The emissions made by these countries do not remain there only but also move across borders. Pakistan needs urgent due share in climate financing to adapt and protect itself from climatic disasters.