

Reforestation as a global urgency.

Thesis statement: In the contemporary era, the world stands under the sword of Damocles, threatened by the escalating crisis of climate change. This challenge permeates environmental, political and economic spheres globally. Therefore, reforestation is an urgent and essential global response to mitigate the threats posed by climate change.

Outline:

I. Introduction

II. Causes of Climate Change: an overview

III. Reforestation is Indeed a Global Urgency to counter the impacts of climate change

A. Plummeting Air Quality

(case in point: Presence of PM 2.5, Air Quality Index)

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B- Surge in Natural Disasters

(case in point: Wild Forest
Fire in LA, Floods in Pakistan)

C- Decline in Biodiversity

(case study from
uttarpardesh)

D- Undermining Democratic Values

(case in point: decrease voters
turn out, India)

E- ^{Rising} Economic Losses

(Drop in tourism industry)

F- Vulnerable Agricultural Sector

(case in point: cotton crops
damage in Pakistan)

G- Widening Climate-Induced Poverty

(case in point: The WHO report)

H- Threat to geopolitical stability (water disputes)

IV- Conclusion

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Climate change is not just a problem for the future. It is problem right now, and it is effecting people and communities all around the world. (Barak Obama)

Climate change stands as one of the most pressing existential threats of 21st century, with far-reaching implications on environmental, political and economic spheres globally. It is evident from the plummeting air quality, surge in natural disasters, Rising economic loss and widening climate-induced poverty. In addition, climate change holds the potential to ~~use~~ undermine the Democratic norms and values to flourish in true letter and spirit. While its roots lie in unchecked anthropogenic activities including industrialization, deforestation

and fossil fuel consumption. If left unaddressed, these challenges threaten to dismantle ecosystems and economies. As the world stands at the brink of chaos, there is utmost urgency to take robust and decisive actions by adopting reforestation as a key policy response to mitigate the threats posed by climate change.

Before moving towards discussion, it is important to ~~discuss~~ understand the ^{causes} ~~threats~~ of climate change. There are multiple ^{natural} ~~entire~~ and anthropogenic factors which induced climate related crisis. However, human-induced climate factors including burning fossil fuels, Deforestation, industrial emission and agricultural malpractices are considered as a major root cause. It is evident from the amount of carbon emissions of developed and developing

countries. Developed countries, including USA and china, are highly dependent on industries and other IT sectors.

In order to fulfill their industrial demands, these countries are indulge in deep mining, more water consumption and energy consumption. As a result, they are using natural resources in an unsustainable way and also polluting the environment by ~~increased~~^{total} greenhouse gas emission (GHG) emission and e-waste -

Therefore, various human activities are disturbing the balance of ecosystem, which have far-reaching implications on climate change. In order to counter the threat of climate change, a dynamic and vibrant reforestation is required.

First of all, climate change acts as a significant driver behind numerous environmental challenges, with air pollution being one of the most alarming. Air quality is significantly

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deteriorated due to industrialization and urbanization, leading to rise of GHGs, CFCs, and release of other harmful substances including Nitric acid and sulphuric acid. This is further substantiated by the report of **Air Quality Index**, showing the presence of **Particulate Material (PM_{2.5})** in Lahore. Lahore is considered as one of the most populated city of Pakistan, the presence of PM_{2.5} is severely impacting the health of people. The PM_{2.5} is microscopic particles, primarily released from industrial emission, ~~passing~~ capable of penetrating in respiratory system. In order to safeguard the air quality, strong and resilient policy regarding reforestation should be implemented. Trees ~~are~~ hold the potential to inhale carbon dioxide and exhale oxygen, which purifies the air. Hence, reforestation is required

immediately to restore the air quality.

Moreover, climate change is increasingly contributing to the frequency and intensity of natural disaster. Amid climate change, glacier melting is increasingly leading to rise in sea levels and ultimately results in floods. This can be seen in case of **Pakistan 2020 and 2022 floods** and **severe Dubai flooding** in **southern China**. The data ~~Moreover, it~~

~~just~~ demonstrates the ^{rise in} climate-induced natural disasters, leading to massive displacement ~~in order to counter the~~

and infrastructural damage. In order to counter the climate change and climate-driven challenges, reforestation can safeguard the vulnerable areas by reducing the pressure of floods. Moreover, plants and trees absorb water for instance **mangoose trees** absorb more water as compared to other trees. Therefore, plantation of such tree ^{near} ~~at~~ high risk

flooding areas, possess the capacity to ~~have~~ ability to reduce the intensity and frequency.

So, reforestation has ability to counter the climate-induced natural disasters -

In the end of all the discussion made above, it may be ~~considered~~ ^{concluded} that climate change has become a persistent and emerging global threat. This is beautifully captured in ~~Attborough's~~ ^{Attborough's} ~~assertion~~ assertion that

"We cannot afford to wait any longer to address the threat of climate change. It is global emergency that requires urgent actions."

It call for the immediated actions to counter this transborder threat. For the reason that the climate change is effecting the vast areas including rapid increase in air quality, surge in natural disasters and economic loss. Moreover, it is not only impacting the environmental and economical spheres but also raising questions on political systems. For instance, decrease in voters turn out is observed all over the world.

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The climate-induced vulnerabilities can potentially increase the geopolitical issues. Therefore, in order to address the root cause of all the issues, reforestation ^{is} ~~should~~ ^{be} considered as resilient and strong method to curb the climate challenge. Only through collective global commitment to reforestation can humanity hope to restore ecological balance and secure a sustainable future.