

Reforestation as a Global Urgency

A. Introduction

1. Thesis Statement

B. How Reforestation is a Global Urgency

1. Reforestation is the urgent need to combat global warming.

Forests absorb of 30% of global CO_2 emissions.

2. Reforestation is necessary to prevent desertification of land.

100 million hectares of land is desertified globally.

3. Reforestation is critical for wildlife habitat which are getting endangered increasingly.

Forests are home to 80% of world's terrestrial biodiversity.

4. Forests are Key in prevention of run-off supply and floods.
5. Urban Reforestation is the need of the hour for ~~men~~ the mental well-being of urban population.
6. Forests play a Key role in water cycle regulation and drought prevention.
7. Forests ensure ~~availability~~ of fresh-water availability and are therefore necessary in times of decreasing supply of underground aquifers.
8. Forests are home to resources and livelihoods of a large population ; making it critical to maintain them.
Livelihoods of 1.6 billion people directly depends on forests.

9. Forests are a resource for medicines and they as well play part in prevention of diseases.

25% medicines are produced from forests.

10. Reforestation ^{is urgent need as it} ~~is important~~ reduces risk of climate-induced migration and violence, establishing peace in the world.

11. Forests absorb air pollutants in their leaves and bark; so reforestation becomes an urgent need for provision of clean air.

The World has lost a billion acres of forests since 1990 according to World Wildlife Fund. It is also reported according to Food and Agriculture Organization

that 10 million hectares of forest are being cut down annually.

This has had devastating impacts on climate change, global warming, land desertification and human life expectancy. To reverse these consequences, reforestation ~~to~~ has to be prioritized as ^{the} global ~~priority~~ ^{made} urgency. Reforestation

can combat global warming as they themselves are natural air-conditioners. It can also prevent the desertification of land.

Reforestation would restore the water cycle regulation and will also ensure the availability of fresh ~~unge~~ underground water.

The trees when in large numbers, can prevent disasters such as floods and land slides by acting as barriers in their path.

Reforestation would restore the wildlife balance and save the endangered species in the world.

Urban reforestation would ~~on~~ save the mental well-being of urban populations. Thus, reforestation is a global urgent need to reverse the consequences of deforestation whether they are linked to climate change, natural disasters or human life.

To start off, reforestation is a crucial step in the fight against global warming. The global temperature is rising and it is causing unprecedented effects on climate. The ~~sea~~ loss of glaciers, heat strokes are some of the examples. Reforestation combats this by absorbing more of the CO_2

emissions and reducing the global temperature. Currently, forests absorb @ 30% of world CO₂ emissions and reduce global temperature by 8°C.

Through reforestation, these numbers would only improve. Therefore, it is an urgent need.

Reforestation is also necessary for a fight against desertification of land. According to UN, 100 million hectares of land is desertified annually. The presence of forests keeps soil together through its roots and stops soil erosion. Reforestation is therefore a major need to protect large amount of land from desertification.

A major need of reforestation is the protection of wildlife.

habitat. Around 80% of the world's terrestrial biodiversity resides in forests according to WWF. The reforestation would bring back the pollinator populations such as bees and butterflies. It would protect the endangered species and make the planet a more diverse habitat. Thus, reforestation is a global urgency.

Another important factor is that forests are key in prevention of runoff - supply and floods or landslides. The trees act as barriers in case of floods and protect the local communities from its disastrous impacts. 2022 floods in Pakistan affected millions of people and cause 30 billion dollars of damage. Therefore, reforestation

is essential to tone down the damages of these dangerous floods, which are only growing in threat.

Urban Reforestation is another essential and often ignored need of the time. The facilitation of green spaces, parks and tree-lined streets plays a major part in the mental health and well-being of the urban populations. They also ensure clean air and a place to do leisurely activities. They provide a safe haven away from the hustle and bustle of the city as well.

Therefore → Urban town planning engineers recommend setting up such places. Therefore, Urban reforestation is a major need to save human species.

would deprive them of their employment and purpose. Hence, reforestation is an urgent need to maintain this economic activity.

Additionally, forests are a resource for medicines and they also play a huge role in fight against diseases. About 25% of World medicines are made by use of resources from forests. Deforestation also enhance the risk of vector-borne diseases like malaria. ~~They~~ It also increase the risk of pandemic such as COVID-19. The presence of forests therefore is directly linked to human health and reforestation would pacify any threats to human life.

With the deforestation, climate-induced migration and violence is only exacerbating. Pakistan, Somalia, Sudan and El-Salvador have been some of its victims. Reforestation would prevent such disasters and establish peace while setting a precedent for global cooperation and collective responsibility. Reforestation is thus crucial to prevent the occurrence and harms of climate-induced migration and violence, therefore it is a global urgent need.

In the end, forests also combat against pollution. The trees absorb air pollutants like nitrogen dioxide, sulphur oxide in their leaves and bark and reduce this pollution. This makes

Also, Forests are crucial for water cycle regulation and drought prevention. The process of transpiration occurs in the forests and rainwater is regulated back into the water cycle.

Amazon Rainforest releases ~~200~~ 20 billion tonnes of water daily according to UNECCC. The forests thus prevent water from running into oceans or streams and instead transfers it into areas where would be a severe drought otherwise. Thus, forests play a crucial role in water cycle regulation and reforestation is necessary for its continuation.

Another important point is that forests ensure availability of fresh underground water.

The water purifies as it runs through the root zones of the forests. The presence of any pesticides, bacteria or other dangerous chemicals is also neutralized. Deforestation have resulted in decreasingly low supply of freshwater available in underground aquifers (FOA). Reforestation is thus a major need to ensure this availability as well as enhance it.

~~Forests are also a~~

Furthermore, forests are home to resources and livelihoods of a large population of people. An estimated 1.6 billion people depend on forests for their livelihoods according to United Nations Sustainable Development Goals. ~~A~~ Deforestation

Forests crucial for the sustenance
sustenance of clean air as well
as human lives especially in
times when pollution through
emissions and burning fossil fuels is
increasingly rising. Therefore,
reforestation is a global urgency
of our time.

To reflect back on all,
~~defores~~ forests are the life-line
of the planet and every specie
living on the planet. Deforestation
in large numbers has set things
back and inflicted unparalleled
damage to every form of life
and the planet. 'Reforestation is
therefore a urgent need. These
forests are crucial in water - cycle
regulation and fresh water available

They give livelihoods to more than billion people and the plants and trees from these forests are used to make medicines that treat and save human lives.

They reduce risk of climate-induced migration and violence, establishing peace in the world. They absorb air pollutants in large numbers as well. Globally, this need

is identified by government organizations and multilateral institutions. Whether it is

Billion tree tsunami project or United Nations Sustainable Development Goals, steps have been taken

to address this issue. However, these steps haven't been proven enough to counter ongoing crisis.

A need for greater urgency is required for effective reforestation.