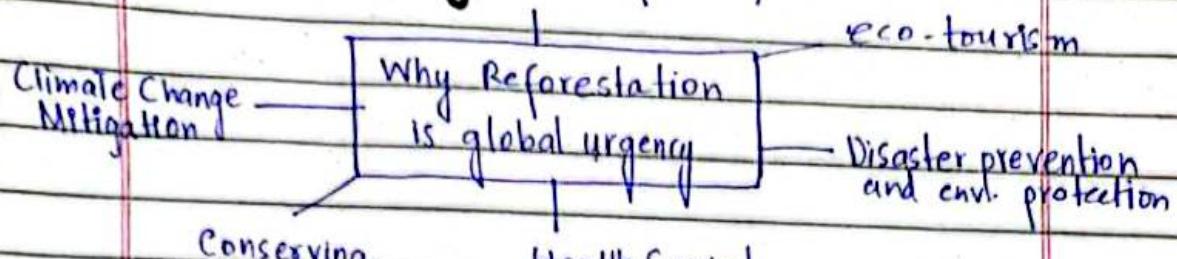


DATE: / /

## Brainstorming: Improve air and land quality.



### Challenges

Industrialization Overpopulation

→ Deforestation, Infrastructure

- Way forward
- Conclusion

### Outline:

1. Why Reforestation is urgent?

2. Climate Change Mitigation

3. Biodiversity conservation

improve air quality.

- Reduce Greenhouse effect and maintain temperature

1.2 Biodiversity conservation

- Reduce extinction of plants, animals etc.

- Provide habitat to animals.

1.3 Health Survival

- Reduce Respiratory diseases that is Asthma, Bronchitis.

- Filters air and reduce pollution

- Disaster prevention and mitigation
  - Floods, heatwaves, cloudburst
  - Case Study: 1. Global heatwaves in 2024
    - 2. Rise of floods in 3rd world con

#### 1.4 Disaster prevention

- Global heatwaves, floods, cloudburst are a result of deforestation
- Case Study: Climate change due to deforestation leads to flood rising floods and cloudbursts.

#### 1.5 Improve land quality

- Reduce soil erosion

#### 1.6 Provides eco-tourism and economic benefits

- environment friendly atmosphere
- Food Security and agricultural land improves economy

### Challenges:

#### 1. Industrialization

- Land conflicts for industrialization

- Pollution due to deforestation

#### 2. Overpopulation

- Birth rate is more than death rate
- Migration for better opportunities

#### 3. Infrastructural development

- Buildings, houses, hospitals etc.

## Introduction The Essay

Reforestation as lungs of earth we should have

Improve your introduction para

Avoid cutting

Incorporate summary of outline in Introduction

Structure of body para is fine

Use transitional devices to bring coherence

Every second, our world loses nearly a football field of forest land - a silent destruction that threatens life on earth. Forests are very important to maintain earth's Temperature, land quality, air quality etc. Environmentally friendly atmosphere is required for better survival of plants, <sup>and</sup> animals. Overpopulation is leading towards migration, Industrialization, air pollution, water pollution, land pollution. These activities done by humans are making this world full of Natural disasters that are unpredictable. It reduces lives of humans and So, Reforestation is really an urgent need to combat Climate change, conserve biodiversity, prevent disasters and conflicts.

weather political or economic, reduces respiratory diseases, promote ecotourism. The challenges are deforestation, Industrialization and overpopulation that leads humans to suffer climate vulnerabilities and loss their lives, homes and livestock. ~~We~~ Reforestation is the possible solution that can be done only by cooperation of not only members of UNCCC United Nation convention of climate change but local communities to improve future and save this world from vulnerable disasters.

Reforestation is urgently required to mitigate climate change. As climate change has increased the risks of disasters i.e. floods, cloud burst. Asian countries that is China, Pakistan, India, Bangladesh faced floods in 2024 and 2025 with very high risks. Cloudburst was recorded in history due to vulnerable climate change. ~~As~~ Trees absorb carbon dioxide and reduce green house effect. In 2024, above  $1.5^{\circ}\text{C}$  was recorded by Paris agreement. Global warming is increasing day by day as 2024 is the hottest year on record.

Every year, there is  $1^{\circ}\text{C}$  rise in temperature. Approximately 35% of ~~Glaciers~~ ~~takes~~ wet lands were lost between 1970–2015. Global sea levels are rising faster. This condition of earth will ultimately leads to extinction of organisms living on it. So instead of using lands for agriculture and industrial purposes, these countries have to use it for reforestation to normalize temperature of earth. Otherwise, harmful impacts of deforestation will be seen. Ozone depletion is also considered one of the impact of increasing level of carbon dioxide on earth. Ozone layer broke down in middle and has created a hole in it. This hole of ozone passes UV radiations of sun on earth that leads to cancer of skin. Not only this, but how many damages and destructions are happening when and where are still unrevealed due to human activities.

Reforestation will help animals to survive and provides them home to live. This high temperature, floods, droughts are taking lives of animals i.e. birds, livestock and humans as well. Most of the

animals are getting extinct as they are not able to tolerate such high temperatures. Birds are ~~hit~~ dead in heavy rainfall. Livestocks are sunked in rising floods. The whole species are ~~eradicated~~ from the world due to climate change. It is still hard to find which animals and plants are we losing without knowing due to earth's climate change. Rising no. of deaths will disturb whole ecosystem and impact whole system of environment and living organisms. These living organisms are dependent on environment for their survival. If environment is filled with harmful gases due to industries, it will result in respiratory issues of animals. If there are heat waves, floods, tsunamis, cyclones, it will eradicate species and make earth uninhabitable. So, Reporestation is a safe option to save lives of living organisms.

Reforestation also helps to improve air quality and reduce respiratory diseases. Most of the respiratory problems that is asthma and bronchitis are due to bad air quality. So, air quality can only

be improved by planting trees. These trees will filter air and absorb harmful gases, provides oxygen to living organisms. Eco friendly atmosphere increases living quality and makes organisms strong. Not only lungs diseases but infections that leads to nausea, sneezing, heart attacks etc. are due to vulnerable climate change. Cancer can also be result of bad air quality. So, it weakens immune system and that invites other diseases to attack easily on organism. So, there should be precautionary measures to save human lives and animals from such bad air pollution. Air quality should be checked by governments to create awareness among people and inform them about its hazards. Recently, government of Pakistan closed schools, hospitals, offices due to smog in Lahore. It reduces life expectancy and makes lives vulnerable. So, air quality must be improved to have a healthy lifestyle by planting trees.