

Reforestation is a Global Urgency

Introduction

- Significance of forest in ecosystem
- Role of reforestation in environment
- Distributed equation of CO₂ absorption and emission in environment
- Global index of deforestation
- Thesis statement

2- Why Reforestation is a Global urgency?

a) Temperature of Earth increased which causes severe consequences

* ~~Wild fire incident~~

* Death due to heat waves

* 2024- hajj pilgrims deaths

b) Increase in level of green house gases

* Enhanced Global warming phenomena

* Concentration of CO₂ exceeds 40 part per billion (ppb)

c) Disturbance in water cycle due to

* melting of glaciers

* Rising of sea level

* Threat to coastal life

d) Intensifying air pollution and causes severe impact on humanity, require immediate

- * Increase in air pollutant sources
- * Air quality Index (AQI)
- * Harmful effects of it on human agriculture and economy

- e) Biodiversity loss and extinction of species
- * wild animal population loss by 69%
 - world wild life index 2024
 - * **IPBES** Global assessment

- f) Rising costs of natural disaster
- * flood in Pakistan (2022)
 - changing monsoon rainfall pattern
 - * loss of lives, infrastructure
 - * **IPCC** report 2022

- g) Soil degradation, loss agricultural yield and food insecurity issue require immediate reforestation

- * Agricultural loss in Southern Asia, Africa Basin
- * Global hunger Index (GHI) 2024
- * Pakistan forest area is 5.1%, poor forest country
- * low forest area, low agricultural yield

Challenges in Implementing Reforestation

- Overpopulation
- Rapid Urbanization

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- c) ~~increased~~ ^{Industrialization}
- d) large scale reforestation is expensive
- e) lack of awareness among people about importance of forest.

CONCLUSION.