

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 order of deforestation
- Thesis statement

2- Why Reforestation is a Global urgency?

a) Temperature of Earth increased which causes severe consequences

- * Wildfire 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 losses by 69%.
- World Wildlife 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

a) Overpopulation

b) 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: