

Reforestation as a Global Urgency

1- Introduction.

The environmental degradation in form of excess green house emission together with economic and socio-cultural impacts caused by deforestation makes it imperative to reverse it — acting as a global urgency.

2- How Reforestation is a Global Urgency?

2.1 Climate and Environmental Urgency.

a) Green House Gases and Capture of Carbon.

The World Resources Institute says that deforestation accounts for about 15% of global green house gas emission.

b) Biodiversity loss and specie Extinction

IPBES global assessment states that 1 million species including spix's, Mac au and Tanzian leopard, have gone extinct due to deforestation.

c) Disruption of water cycle

Journal of Hydrology says that 42% of deforested areas led to a warmer, drier climate and reduced water yield.

2.2 Economic Urgency.

a) Increasing cost of Natural Disasters

Munich Reinsurance company reports that natural disasters destroyed \$280 billion worth of assets globally.

b) Rising Food Prices and Agricultural Losses.

Deforestation in Africa Congo Basin, Southeast Asia and the Amazon threatens food production in major economies like US, India and China.

c) Decline in Eco-Tourism Revenue.

Madagascar Deforestation led to 40% drop in eco-tourism revenue, impacting thousands of jobs.

2.3 Socio-Cultural Urgency.

a) Threat to Indigenous Communities and Cultural Erasure.

Deforestation threatens the Yanomani tribes in Brazil, Penan tribes in Malaysia and the Gond Tribes in India.

b) Rising Air Pollution and Public Health Emergencies.

WHO says that air pollution is aggravated by deforestation causing 7 million deaths worldwide annually.

3- Prioritizing Reforestation as an effective method.

3.1 To prevent Desert Expansion

China " Green Great Wall ", 66 billion trees have been planted to halt Gobi desert expansion.

3.2 To mobilize communities and government .

Wangari Maathai awarded "Nobel Peace Prize for Green Belt Movement

3.3 To curb urban heat island impact .

Billion Tree Tsunami Project in KPK has decreased the average temperature in KPK.

4- Conclusion .