



# Build it Green

Name : Komal Anilrao Barwat

PRN : 202401040360

Division : CS2

Batch : ZEB-2

Topic : Deforestation

Mentor : Dr. Shalaka Hire Mam

# CONTENTS

- ▶ What is Deforestation ?
- ▶ Causes of Deforestation
- ▶ Why do humans clear forest lands?
- ▶ Effects of Deforestation
- ▶ How can we stop Deforestation?
- ▶ Conclusion

# Deforestation



# What is Deforestation?

Deforestation is the clearing or thinning of forests by humans to make land available for other uses, such as agriculture, urbanization, or mining, leading to significant environmental impacts.

# Causes of Deforestation

- ▶ Agriculture
- ▶ Logging
- ▶ Mining
- ▶ Roads



# Agriculture

- ▶ Agriculture is a major driver of deforestation, with the expansion of farmland and livestock grazing responsible for a significant portion of global forest loss, primarily due to the clearing of land for crops and pastures to meet increasing global demand for food and other agricultural products.



# Logging



- ▶ Refers to the process of cutting down trees for timber or other purposes, including sawing them into lengths and transporting them.
- ▶ It is to fulfill the human need for materials like construction lumber, furniture, paper, and fuel, as well as for land conversion for agriculture and development.

# Mining

- ▶ Mining activities have significant environmental impacts, including pollution of water and air, deforestation, habitat loss, and alteration of landscapes, which can lead to erosion, sinkholes, and biodiversity loss.
- ▶ Mining operations can contaminate water sources with heavy metals, chemicals, and acid mine drainage.





# Roads



- ▶ One of the negative effects of road construction is the loss of forest area. The ecological balance in forests is Adversely affected by rockfall and forest road Construction work.
- ▶ Roads can lead to deforestation, fragmentation of habitats, and increased pollution.

# Why do Humans Clear forest lands?

- ▶ Humans Clear forest Lands for various Reasons :
- ▶ To Expand Agricultural land for Crops and livestock Grazing.
- ▶ To Obtain Wood for fuel, Manufacturing, and Construction.
- ▶ To Facilitate Infrastructure development and Urbanization.







**WILDFIRES**



**LOSS OF HABITAT**



**INCREASED FLOODING**



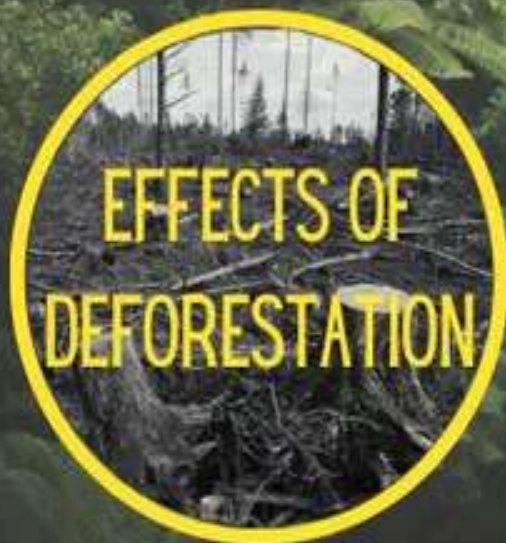
**INCREASED DROUGHT**



**DESTRUCTION  
OF HOMELANDS**



**INCREASED  
GREENHOUSE GASES**



**DISRUPTION TO  
WATER CYCLE**



**DESTRUCTION OF  
RENEWABLE RESOURCES**

# How can We Stop Deforestation?

- ▶ Choose Sustainable Products: Opt for products certified as sustainably sourced, like wood, paper, and palm oil, to ensure they don't contribute to deforestation.
- ▶ Reduce Paper Consumption: Minimize paper use and opt for recycled paper products to reduce the demand for trees.
- ▶ Support Reforestation and Afforestation: Participate in tree-planting initiatives and support organizations that focus on restoring deforested areas.
- ▶ Educate and Raise Awareness: Share information about the causes and impacts of deforestation with others and encourage them to take action.



# Conclusion

- ▶ As the Deforestation is a Very Serious Problem and it is Increasing Very Rapidly so We Should Think and try to Overcome from this Problem. It is time to Come Forward and try to Find Out a Solution. We Should Spread Awareness Among the People and make Understand them that how Necessary is the Forests for us. If we Unite Together and Fight With this Problem. This is one of Way to Overcome this Problem.



Thank You