

# DEFORESTATION: MAIN CAUSE FOR GLOBAL WARMING IN CURRENT SCENARIO

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## INTRODUCTION

Deforestation is a growing global problem with far reaching environmental and economic consequences, including some that may not be fully understood until it is too late to prevent them basically. Deforestation is clearing forest on a massive scale often resulting in damage to the quality of the land forests still cover about 30 percent of the world's land area. Trees supply oxygen absorb carbon dioxide and hold down the soil from washing in away or making land codes.

The destruction and cutting down of forest are done for many reasons but most of them are related to money or to people's need to provide for their families. They clear land for farming. Farmers cut forests to provide more room for planting crops or grazing of cattle. The biggest device of deforestation in agriculture.

All this deforestation causes increased atmosphere CO<sub>2</sub> levels, a factor in global warming. Deforestation wipes out habitats, disrupts ecosystems and leads to the potential combination of many species. While some people may receive immediate economic benefits from activities that result in deforestation those short-term gains cannot affect the negative long term economic losses.

## DEFINITION

Deforestation can be defined as the large scale of removal of trees from forests (or other lands) for the facilitation of human activities.

## CAUSES OF DEFORESTATION

Multiple factors, either of human or natural origin, cause deforestation. Natural factors include natural forest fires or parasites – caused diseases which can result in deforestation. Human activities are among the main causes of global deforestation. According to food and agriculture organization (FAO), the expansion of agriculture caused nearly 80% of global deforestation, with the construction of infrastructure such as roads or dams, together with mining activities and urbanization, making up the remaining causes of deforestation.

1. Agriculture
2. By new constructions
3. Urbanization
4. Illegal logging
5. Desertification of land
6. Mining
7. Forest fires
8. Paper

## OVER POPULATION

### 1. Agricultural

As earlier mentioned in the overview, agricultural activities are one of the significant factors affecting deforestation. According to the FAO, agriculture leads to around 80% of deforestation.

Due to the overgrowing demand for food products, a huge among of trees are failed to grows and 33% of agriculture caused deforestation is because of subsistence agriculture.

## 2. Livestock Ranching

Livestock is believed to be responsible for about 14% of global deforestation. Farmers often clear the land by cutting down trees and burning them to raised livestock and grow food. They continue to use the property until the soil is completely degraded and repeat the same process on new wood hand.

## 3. Urbanization

Further to gain access of these forests, the construction of roads is undertaken, here again, trees are chopped to build roads. Overpopulation to directly affects forest covers, as with the more land is needed to establish housing and settlements. Therefore, forest land is reclaimed.

## 4. Illegal logging

Apart from this wood-based industries like paper, match-sticks, furniture, etc. also need a substantial amount of wood supply wood is used as fuel both directly and indirectly. Firewood and charcoal are examples of wood being used as fuel. Some of industries thrive an illegal wood cutting and felling of trees.

## 5. Desertification of land

Some of the other factors that lead to deforestation are also partly natural and partly anthropogenic, like desertification of land. Apart from these roads and highway have to be built to make way for trucks and other requirement. The waste that comes out from mining pollutes the environment and affects the nearby species.

## 6. Forest Fires

Another valid example would be forest blazes; hundreds of trees are last each year due to forest fires in various portions of the world. It happens due to extreme warm summer and milder winters, fires, whether caused by man or nature, results in a massive loss of forest cover.

## 7. Paper

According to the environment paper network, the paper that's thrown away each year accounts for approximated 640 million trees. America, China, Canada, Japan, constitute more than that of the world's paper production and that is 400 million tons a year.

If we recycled that could save 27.5 million tons of carbon dioxide from going into the atmosphere. We allow the forests to continue to remain as a favorable ecosystem and wildlife habitat if we use recycled paper.

## 8. Overpopulation: -

The overpopulation requires more land to establish housing and settlements. It generates a significant need for food and farmland to grow food and raise livestock. It automatically requires many more road and highways for transport and communication all these results in deforestation logging industries cut down trees for furniture. Paper, building materials and many more products.

## EFFECTS OF DEFORESTATION

1. Climate imbalance and climate change.
2. Increase in Global warming.
3. Increase in Greenhouse Gas emissions.
4. Soil erosion.
5. Floods.
6. Wildlife extinction and habitat loss.
7. Acidic Oceans.
8. The decline in life quality of people.
9. Food insecurity in the facture
10. Losses of biodiversity.

**1. Climate in lance and climate change**

Forest and trees store carbon when they are degraded or completely clear e.g. by fire a process referred to as deforestation. His store carbon has the potential to be released back into the atmosphere as carbon dioxide and contribute to climate change.

**2. Increase in Global warming**

When forests are cut down, much of that stored carbon released into atmosphere again as CO<sub>2</sub>. This how deforestation and forest degradation contribute to global warming.

**3. Increase in greenhouse gas emission**

As of 2019 deforestation is responsible for about 11% of global greenhouse gas emissions carbon emissions from tropical deforestation are accelerating peatland degradation also emits GHG.

**4. Soil erosion**

Logging and small-scale removal of trees exposes soil rain splash which loosen and dislodges soil particles, eroding soil and creating a more impermeable hare surface which increases runoff.

**5. Floods**

Due to deforestation, the water holding capacity of soil decreases. The roots of the trees get dried after they have cut down. The movement of water through trees into soil slows down. The water of rainfall collects on the surface which results in flood.

**6. Wildlife extinction and habitual loss**

Deforestation affects animals in many ways. It causes habitat destruction increased risk of predation, reduced food availability and much more as a result, some animals lose their homes, others lose food source finally many lose their life.

**7. Acidic Oceans**

Deforestation results in fewer trees to absorb the gas. Also, when plants are cut down and burnt or left to rot, the carbon that makes up their organic tissue is released as carbon dioxide. Some parts of the ocean are normally acidic such as at hydrothermal vent site underwater hot springs.

**8. The decline in life quality of people**

An increase in the spread in life threatening diseases such as malaria and dengue fever.

**9. Food insecurity in the future**

Loss of biodiversity that are source of food to man & indirectly through its effect on soil degradation.

**10. Losses of biodiversity**

Deforestation can lead certain tree species to presently disappear, which affects biodiversity of plant species in an environment.

**SOLUTION TO DEFORESTATION****1. Government Regulations**

The best solution to deforestation is to curb the felling of trees by unfencing a series of rules and laws to govern it. The money-chucker nature of forest resources can be tempting enough for deforestation to continue.

**2. Beaming clear – cutting of forests**

This will curb the total depilation of the forest cover. It is a practical solution and is very feasible.

**3. Reforestation and Afforestation: -**

Land skinned of its tree cover for urban settlement should be urged to plant trees in the vicinity and replace the cut trees also the cutting must be replaced the older ones that were out.

Trees are being platted under several initiatives every year, but they still don't match the no. of ones we have last already lost.

**4. Reduce Consumption of Papers**

Your daily consumption of paper includes printing paper, notebooks, napkins, toilet paper etc. try to reduce consumption, reduce waste of paper and also opt for recycled paper products.

Make life simple such as printing/writing on both sides of the paper using less toilet paper, avoiding paper plates and napkins and wherever possible go paperless.

**5. Educate others**

Still, many are entirely unaware of the global warming problem we are facing educate your friends, family and community by sharing the deforestation facts and its causes and effects.

**6. Eat Less Meat**

Livestock rearing has become one of the leading causes of deforestation. Try to eat less meat. It may be hard for some people to try. However, eating less meat, even just for one meal a day, will also make an extreme impact on the environment.

**7. Purchase from sustainable, forest friendly companies**

Try to purchase from companies that are committed that are committed to reducing deforestation.

**CONCLUSION**

Deforestation is very harmful to our community and to other communities around the world. We shall reject and avoid causing deforestation by recycling our paper and not throwing it away because then in the future more trees would need to be cut down.

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