

WHY SHOULD WE CARE ABOUT THE TREES?

What is deforestation?

The action of clearing a wide area of trees for non-forest use.

What is sustainability?

Avoiding the depletion of natural resources in order to maintain balance in ecological systems

What is polypheniesm?

Discontinuous phenotypes elicited by the environment

Social

- Deforestation can destroy cultural lands
- Increases rate of climate change, lowering quality of life
- Removes natural beauty
- Logging has the highest amount of workplace deaths

Economic

- Governments lose about \$5 million USD from illegal logging
- Every timber producing country, loses an additional \$10 billion USD every year
- If the Amazon is conserved, there will be an economic benefit of \$8.2 billion USD a year

Environmental

Deforestation causes:

- A loss of habitat
- Increased greenhouse gases
- Decreased water in the atmosphere
- Soil erosion
- Flooding
- Increased greenhouse gases

Pros

- More job opportunities
- Space for growing a nation's infrastructure
- Source of materials
- Increased food production
- As world populations rise more land will be needed for farming and housing

Effect on Humans

- Lower crop yield
- Climbing climate temperature, Drier climates form (more respiratory issues)
- More harmful UV rays (increased incidence of skin cancers)
- Increased exposure to unknown viruses/illness that are forest based



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