

Raniganj Girls' College

Course Name: Environmental Studies

Course Code : AEE 101

Topic of the Project: DEFORESTATION AND ITS EFFECTS

A Project Report

Submitted by Semester-I Students

(Academic Year 2021-22)

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Place: Raniganj

Date: 09.03.2022

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REGISTRATION CERTIFICATE

This is to certify that **PRIYANKA MAHATO**

Son/Daughter of **SWAPAN KUMAR MAHATO**

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is registered as a student of this University.

His/Her registration number is **113211110268** of **2021-22**

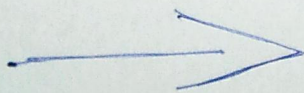


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Conclusion

Deforestation is very harmful to our community and to other communities around the world. We shall prevent 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. So if we just keep reusing paper it would be more sustainable to our environment. The local effect it has on our environment is that it decreases oxygen for inhalation while trees absorb carbon dioxide and produce oxygen for living organisms like human beings and wild life. You can save lives of living species. You can save lives of living species. Recycle your paper and say No to Deforestation!



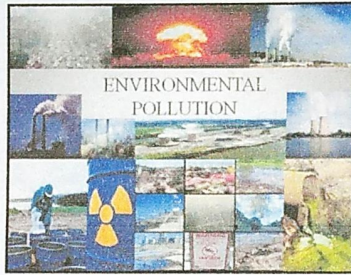
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Raniganj Girls College



2021 - 2022

Subject – Deforestation in Environmental Studies



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1ST SEMESTER B.A (PROGRAM)ME)

REGISTRATION NO. – 113211110268

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COURSE CODE – AECC – (091E)

1) Acknowledgement

I would like to express my special thanks of gratitude to my teachers - Dhananjay Kumbhakar as well as our Principal -

who gave me the golden opportunity to do this wonderful project on the topic (write the topic name), which also helped me in doing a lot of Research and I came to know about so many new things, I am really thankful to them.

Secondly I would also like to thank my parents and friends who helped me a lot in finalizing this project within the limited time frame.



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- 2> Urge our governments to implement sustainable land use policies and to pass laws that forbid the sale of products linked to deforestation
- 3> Invest in civil advocacy campaigns in Brazil and other south American countries that are working to implement and expand cattle moratoriums, which would lessen the political pressure on rainforest ecosystems
- 4> Support campaigns that protect indigenous rights- because indigenous people and other local forest communities are necessarily on the front lines of the battle to protect forests they call home
- 5> vote with our wallets and only purchasing Fsc certified wood, sustainable palm oil, Rainforest-Alliance certified chocolate, and organic, locally produced meats and finally, reforestation plays a vital role in recovering after deforestation and its impacts.

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Trees also provide shade that keeps the soil moist. All these are compromised with the lack of trees. It leads to the imbalance in the atmospheric temperature, drier climate, further making conditions for the ecology difficult that leads to climate change.

2- Increase in Global warming-

Trees play a major role in controlling global warming. The trees utilize greenhouse gases, restoring the balance in the atmosphere. With constant deforestation, the ratio of greenhouse gases in the atmosphere has increased, adding to our global warming woes.

3- Floods-

When it rains, trees absorb and store a large amount of water with the help of their roots. When they are cut down, the flow of water is disrupted, and the soil loses its ability to retain water. It leads to floods in some areas and droughts in others.

How to stop Deforestation

↳ Plant a tree one easy way to combat deforestation is to plant a tree. But you can take it one step further by making sure the choices you make at home, at the store, at work, and on the menu don't contribute to the problem. Here's what you can do about deforestation

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What Is Deforestation?

Deforestation refers to the decrease in forest areas across the world that are lost for other uses such as agricultural croplands.

Urbanization, or mining activities. Greatly accelerated by human activities since 1960, deforestation has been negatively affecting natural ecosystems, biodiversity, and the climate.

The UN's Food and Agriculture organization estimates the annual rate of deforestation to be around 1.3 million km² per decade.

The causes of Deforestation: Why Is Deforestation Happening?

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

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MAIN CAUSES OF DEFORESTATION?

1- Agricultural Activities

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 evergrowing demand for food products, a huge amount of trees are felled to grow crops, and 33% of agriculture-caused deforestation is because of subsistence agriculture.

2- Timber Logging

Around 380,000 hectares of forest are cut every year to meet the incredible global demand for wood and wood products, accounting for around 60% of degradation. Another 25% of forest is degraded for fuelwood and charcoal. From clear cuts to massive logging roads providing access to previously untouched areas, these degraded forests are much more vulnerable to conversion to other land uses like mining, agriculture, and settlement.

3- Mining

Thanks to an ever-increasing demand for minerals, mining in tropical forests is on the rise. And because large-scale mining is an intensive,

industrial undertaking, it necessitates the development of massive infrastructure, which only amplifies the degradation.

4- Desertification of Land

Some of the other factors that lead to deforestation are also partly natural and partly anthropogenic, like desertification of land. It occurs due to land abuse, making it unfit for the growth of trees. Many industries in petrochemicals release their waste into rivers, which results in soil erosion and make it unfit to grow plants and trees.

5- Paper

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

Effects of Deforestation

1. Climate Imbalance and climate change

Deforestation also affects the climate in many ways. Forests are the lungs of our planet. Trees take in carbon dioxide and release oxygen and water vapour in the air, and that is why tropical rainforests are extremely humid.