

ASSIGNMENT ON

ENVIRONMENTAL STUDIES (EVS) -501

TOPIC: REPORT WRITING ON FOREST
CONSERVATION IN YOUR VILLAGE/AREA/
BLOCK/DISTRICT.

SUBMITTED
TO

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INTRODUCTION.

We depend on forest for our survival, from the air we breathe to the wood we use. Besides providing habitat for animals and livelihood for humans, prevent soil erosion and mitigate climate change. Forest conservation is the practice of planning and maintaining forested areas for the benefit and sustainability of future generations.

Conservation of forest is a continual process that requires a well designed strategies and approaches that fulfill the desired goals with a scope to include new ideas within a given framework. Forest ecosystems are fundamental sources of services and global biodiversity, their capacity to maintain these benefits in the future is potentially threatened by things such as improper land use, deforestation and unsustainable management practices.

The natural resources such as forest and forest products were found as a basic source of survival for living

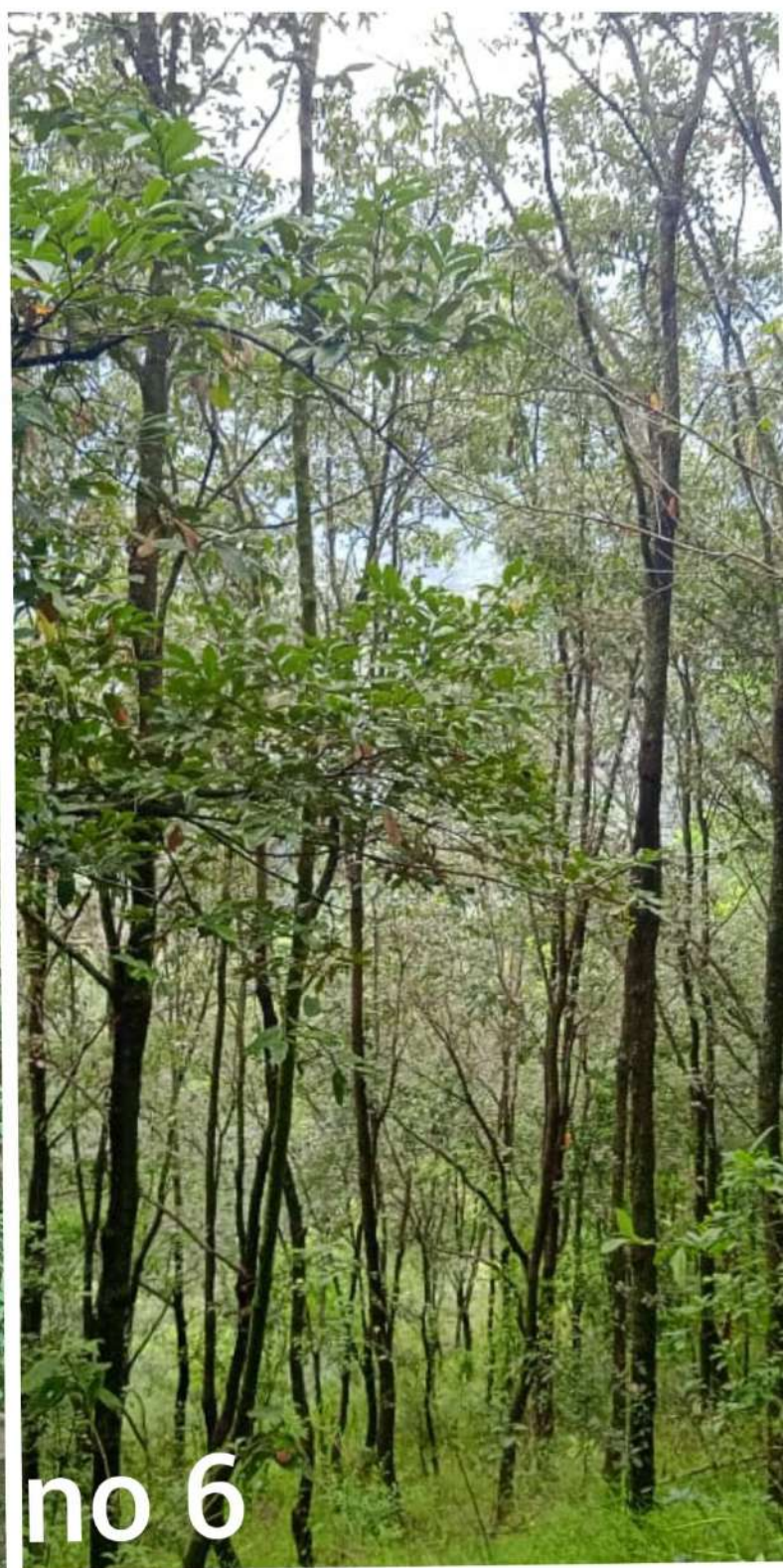
Organisms but they are degrading slowly due to increased human activities. Forest conservation should be encouraged by replanting harvested forests and managing forests to maintain vigorous growth. The importance of forest cannot be underestimated.

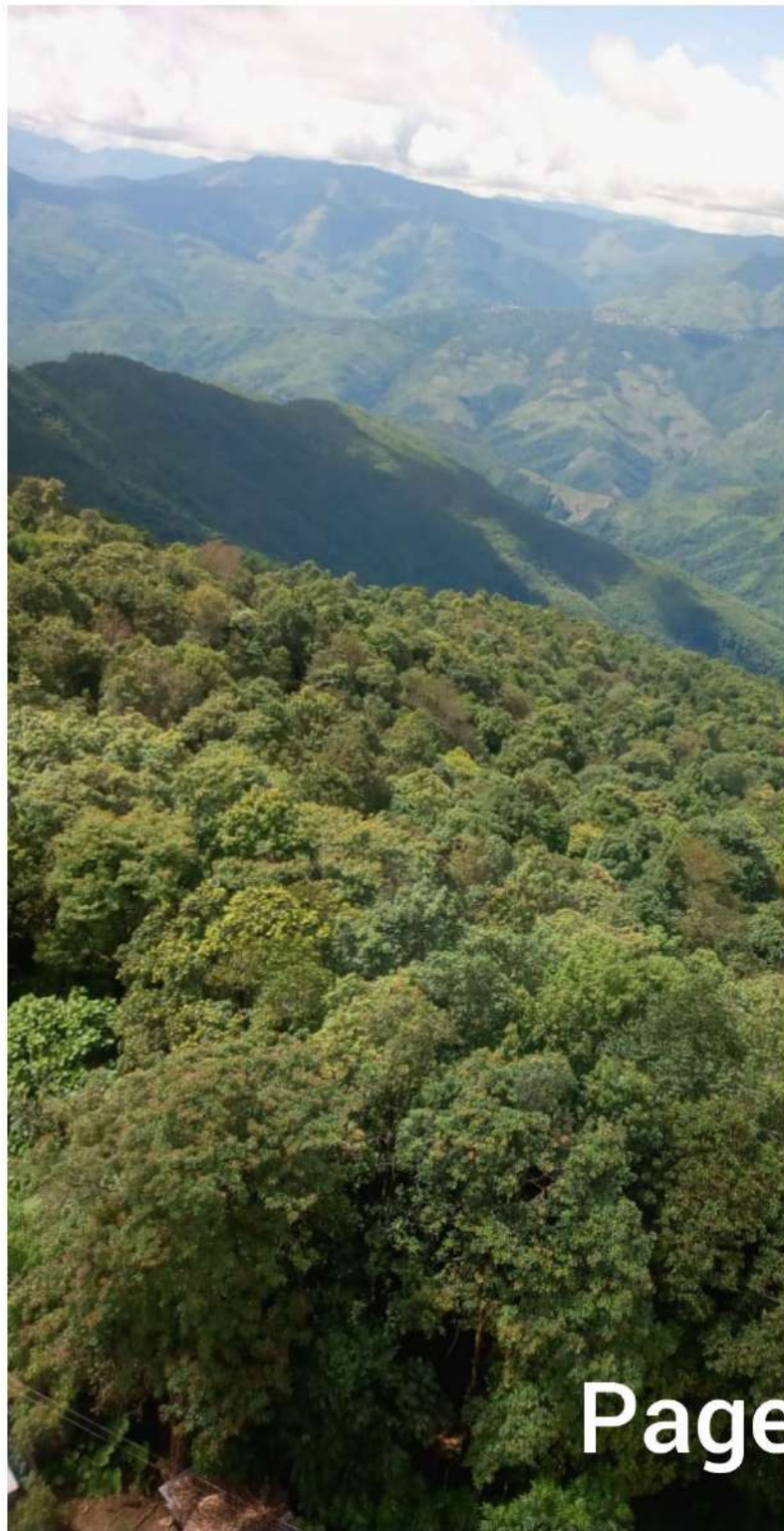
Forest provides us with shelter, livelihood, water food and fuel security, providing habitat to diverse animal species. They are nature's recycling machines. They take carbon dioxide and transform it into oxygen. They filter the air and reduce pollution. Forest conservation can play a vital role in air reducing air pollution around the world. Forest provides food security. Carbon dioxide is one of the greenhouse gases that drives climate change. Trees reduce the amount that's released into the atmosphere and forests are also important part of the water cycle and helps in preventing soil erosion and overall supports biodiversity.

Thus, knowing the need and importance of forest conservation, it is the duty of each and every individual to take part in conserving the forest.











FOREST CONSERVATION IN NOKLAK DISTRICT.

The forest department in Noklak District was established in 2008. It comprises of a Forest Ranger Officer and his subordinates to look after the management and conservation of forest and wildlife.

I did my research and have approached the employees regarding their work in the area. They do a variety of work to conserve the forest which can be discussed as under:

Planting more and more trees or afforestation works are done, they are also funded by the state government of Nagaland from time to time to conserve and promote forest conservation. Realizing the need and importance of forest and the acts and doing of the present generation they do vital and effective steps to control forest fires, organizing checking campaigns over forest clearance for agriculture and encouraging the people about proper

utilization of forest and forest products.

The department strictly prohibits entry into the conserved area with machines used for cutting woods like scroll saw, band saw, circular saw etc. Tree saplings of different types of plants are being taken care carefully with the workers, large amount of saplings can be found being taken care. On June 5 (Environment Day) the department organises a seminar program educating people about forest conservation and tree saplings are also being distributed for free to the people encouraging afforestation. Talking about the absence of alternative livelihood options, economic activity based upon utilization of natural resources has led to over exploitation of forest due to the increasing needs of the people, the forest department takes and adopts every possible measures to keep a strict check on the conserved area to ensure that the protected area remains safe and promotes biodiversity and the forest.

The forest department also collaborates with the district councils, tribal councils women and youth members to discuss matters on forest conservation and its protection and providing awareness to the general public is also done by the forest department.

Besides all these the department also volunteers themselves going tour to tour in the villages that comes under the district encouraging them to encourage the practice of forest conservation in their respective areas. The conserved and protected area in the district is believed to be secure for animals as it has a good number of trees species and plants. Cutting of trees for making timber are strictly prohibited and person found violating the laws are punished accordingly to his work besides cutting timber hunting, poaching and killing of animal species by any means is also punished.

They further added that hunting being so much familiar to the people is so much difficult to stop and people are still continuing but with their efforts

in making the people aware has helped to some extent now there are countable reserved areas apart from the one which is looked after by the forest department. Community based reserved areas and some taken by various village councils have come into existence.

The forest department in the district makes rules and regulations which help prevent deforestation and they also monitor agricultural practices and motivating people to plant more trees. They serve to protect the forest and implements measures in order to promote, protect and ensure the ecological stability of the country through the protection and participatory sustainable management of the forest.

Financial and technical assistance extended by the state government provides better means of protection and conservation of forest in the area. Knowing the rapid growth of population, they carry on awareness campaigns and letting them know about the consequences of deforestation which leads to soil erosion.

loss of biodiversity, climate change and decrease in forest products.

The department does certain works to conserve forest like seeding method, controlling forest fires, reforestation and afforestation, taking care and protecting the forest, make laws and surveys the forest resources, check areas where reforestation should be done and the employees of the department water the tree saplings every day ensuring that they are free from parasitic fungi, insects and viruses which can cause destruction to the trees, not only to the tree saplings, they also keep a regular check on the big trees as well. They use chemical sprays, antibiotics or by using disease strains of trees. They also maintain a proper fencing of the reserved area ensuring that it's safe from illegal entry into the area and has a guard who always has a watch in the area.

Thus these are the works done by the Noklak district forest department in conserving forest which has been in existence since 2008.

Other areas of forest conservation done by the people, with references from books and google, forest conservation needs and importance, preventive and conservative measures followed and adopted can be discussed as under:

Forest conservation is very necessary so as to protect wildlife and promote biodiversity, to maintain a healthy and functional ecosystem. The fewer trees are there, the fewer lives that our planet Earth can support. Trees and forests also influences climate conditions and if the forest is large enough, it influences weather patterns for thousand of miles. For instance, the Amazon rain forest has an effect on the weather as far as the United States. And many plants that are used to make medicine can be found in forest. On the subject of food too, forest provides with numbers of food items. It's no secret that the future of our earth desperately needs to be safeguarded, with climate change already making havoc on our natural environment. In order to preserve the earth for our future generation, we need to reduce the

Amount of harm that human activities have on the environment and support the natural world as much as we can. Nature itself is our biggest tool in fighting against global warming and through conservative works, we can fully utilize nature's contribution to the mitigation action that is needed to avoid a catastrophic increase in temperature. Some species cannot survive outside their own natural habitat, so the destruction of their natural habitats poses a real threat to their survival. Preservation of these habitats helps to prevent the entire ecosystem being harmed. As more and more species face extinction, the work being done to protect wildlife and forest conservation is becoming more and more important.

Deforestation being caused mainly by the rapid growth of population, extension of agricultural and grazing lands, rising demand for timber, paper, pulp, fuel wood and charcoal and other forest products contributes greatly to the loss of forest cover along with industrialization and urbanization.

National Forest Policy of 1988 recommended for 33% of forest cover overall for ecological balance, maintenance of environmental stability, encourage people to minimize the pressure on the forest and use a substitute for wood, increase forest cover through massive afforestation and social forestry and discouraging the forest-based industries.

Nagaland Forest Management Project (NEMP) has been started during 2017-18. The main objective of this objective is to improve forest ecosystem and support income generation by rehabilitation of jhum areas and provision of livelihood support, thereby contributing to sustainable forest and environmental conservation and livelihood improvement in the targeted villages in the state. Schemes like National Afforestation Programme (NAP) Forest Development Agency (FDA) and Joint Forest Management (JFM) are steps towards achieving sustainable development.

Thus, with all these forest conservation becomes very important to live for all human beings.

CONCLUSION.

Forest and the products they provide are universally required for the continuation of human society as we know it. Given this situation therefore, it is imperative that we discover mechanisms to manage the forest for all the benefits it can provide in a sustainable manner.

Societies around the world are beginning to face up to the reality that as a species man requires forest resources both the wood and non-wood products a sustainably managed forest can only provide. It is with a great deal of urgency that we must sustainably manage forest for the generations that are to follow. Only a long term global commitment to conservation can reverse the tide of uncontrolled deforestation and a sound policy framework is central to this commitment.

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