

# Environmental Conservation

اعداد الطالب

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فصل : ٢ / ٢

# Environmental Conservation

We only have one planet on which we live. The planet is full of resources, some renewable and some not, but unfortunately, we have an ever-growing population that poses a huge threat to all these resources. It is therefore unclear what future generations will find, if ever, and what life will be like for them if we exploit all the current resources. To fix this issue as well as ensure we leave some resources for the future, environmental conservation comes in and this article will delve more into the topic.



## So, What Exactly is Environmental Conservation?

Environmental conservation is the practice of us humans saving the environment from the loss of species, and the destruction of the ecosystem, primarily due to pollution and human activities. Conservation is vital in saving and helping both animals and trees as we are all dependent on one another for survival.

Trees convert carbon dioxide produced by factories into oxygen, which helps us breathe and respire. The loss of species, which makes them go extinct, would mean they are forever lost and cannot be seen by curious eyes, or studied by the scientific minds. Additionally, such loss or destruction of ecosystems would disrupt the food web, messing up the whole ecosystem in general.

There is much to do when it comes to rebuilding and protecting what's left of natural resources and the biodiversity within our ecosystems. Environmental conservation is an umbrella term that defines anything we do to protect our planet and conserve its natural resources so that every living thing can have an improved quality of life.

Environmental conservation and preservation are two terms that are often used interchangeably, although they are quite different. Conservation refers to the responsible management of the environment and its resources for present and future use. preservation, on the other hand, is a much stricter approach where the environment, lands and natural resources are put away, not to be consumed by humans, but are instead maintained in their pristine form. If the land is to be used by humans, it should only be utilized for its natural beauty and inspiration.

Conservation was brought up and championed by Gifford Pinchot (1873-1967). He was bothered by the methods used to transform the land in which the United States now sits, during the expansion period. Most forests were being clear-cut, meaning all the trees were removed at the same time.

Pinchot did not like this method as it saw the forests as a valuable source of timber. In his way of thought, the forests ought to have been managed in a manner that enabled both human developments and ensured the proper use of natural resources.

Conservation works in two ways. It is meant to protect nature by protecting vital resources, and it is also a way of living that works against the irresponsible practices of businesses and large corporations.

Green living takes away the power from those who have no interest in using their influence to promote the greater good of our world and choose to add to the problem instead. The more money we keep out of the pockets of big businesses who don't care for the environment, the more we can do for the planet.

Environmental conservation comes in many forms and reminds us to be mindful of daily choices. No matter how busy your life may be, it remains fairly easy to make small, yet necessary, changes for the good of the Earth.

If we all took little steps, we would make our way towards major progress. This can be achieved by paying more attention to what we buy and not using resources unnecessarily. We must also remember to recycle and dispose of chemicals properly so that the ground and bodies of water are not poisoned.



### **The environment is vital to our well-being and every element should be protected**

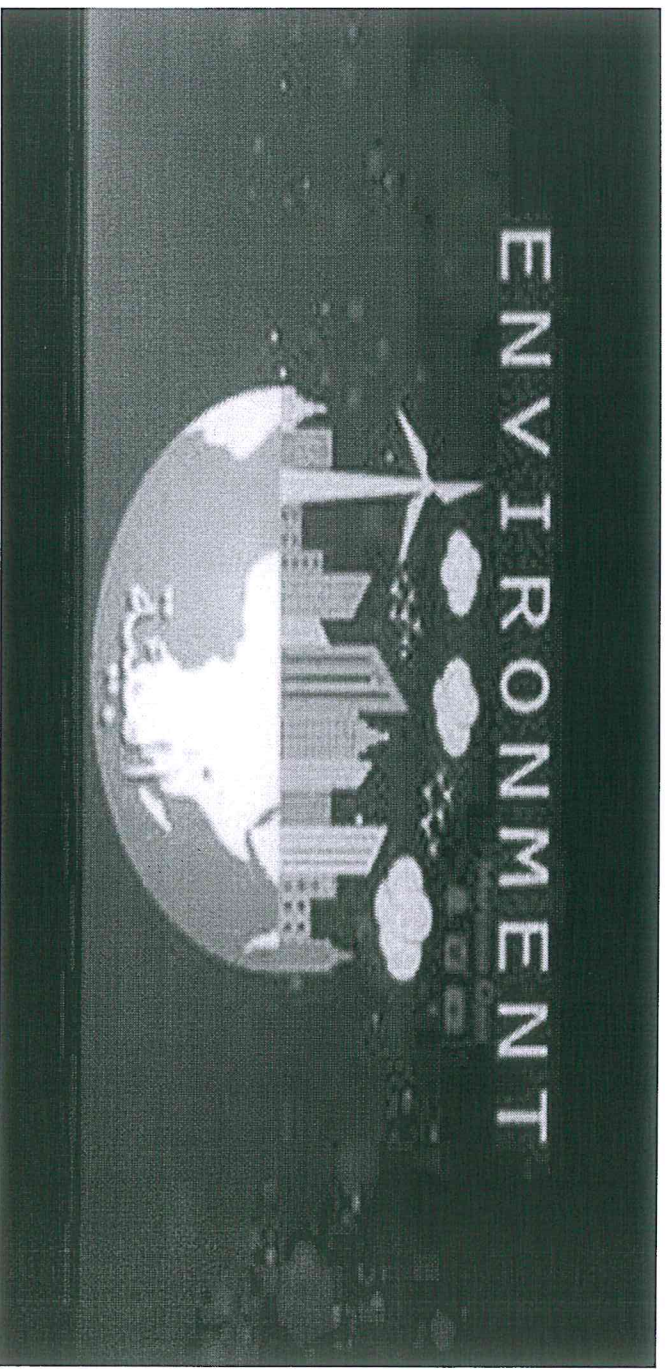
Consider every part of the environment, including the trees, the oceans, and the soil. The trees that help us to breathe also isolate greenhouse gases that would cause the Earth to heat up more quickly. They hold soil in place and naturally filter water that has been absorbed into the ground.

The waters of the ocean are undeniably enchanting, but there is much more to it than visual splendor. When we look up at the clouds and feel the rain, the ocean is to thank for it.

Home to countless types of marine life and plants, the ocean is both a shelter and a life source. It gives us more than half of the Earth's oxygen supply and stores large amounts of carbon dioxide to help keep the Earth cool.

Finally, the soil stands as its own supporter of life by acting as a supplier of food and a filter of water. Soil that is of good quality produces crops that feed humans and animals.

Plants and flowers sprout up from the ground through the soil, helping to regulate our climate. Most of nature's water isn't made for human consumption, but soil also stores groundwater and filters it, making it safe for drinking.



#### **Conserve by using less energy and embracing alternative energy sources**

By embracing and promoting alternative energy sources, Mother Earth would be relieved. If every household incorporated the concepts of sustainable living by using less and conserving more, the positive impact would be immeasurable.

Solar energy and wind power are two of the renewable energy options that we could use more often. Yet, a large amount of energy we exhaust comes from the burning of non-renewable fossil fuels to power cars, the electricity in homes, and much more.

While we don't completely control how energy is offered to us, there's always room to live in a way that uses less of the energy that can't be replenished.

#### **Help to replenish what is being taken away by giving back to the Earth**

Deforestation continues to be a major environmental issue. Many forests are losing countless acres of valuable trees, and because these trees are destroyed, the greenhouse gases they were storing go back into the atmosphere and contribute to global warming.

Animals and people lose their food supply and homes, and the economic status of a region can also change because fewer forests often lead to fewer employment opportunities in the area.

Planting trees is a way to give back because it aids in the restoration of homes for wildlife, food sources, and medicinal properties that only the trees provide. As trees grow, they protect soil from harsh weather conditions and protect us from excess carbon dioxide, enabling us to live longer and more comfortably.

#### **4. Recycling**

We should learn to recycle everything we can for as long as it is possible. Glass, paper, plastic and even metal are reusable, and should not be thrown away after its original use. About 9% of all plastic bottles do not reach recycling units and this is unfortunate. They are not biodegradable and about 1 billion of them are used every year. Reusing these bottles, containers, bags and more will help in environmental conservation.

See also [Why to Use a Septic Tank at Home?](#)

o. Reducing our water consumption

Clean, fresh and safe water is precious and not easily available. It is therefore very crucial to save as much water as possible, and prevent water pollution, otherwise, it will be scarce in years to come. Reduce the number of baths, take showers, use the washing machine only, do not discard waste in bodies of fresh water, and recycle, so that we conserve the little freshwater we have now.

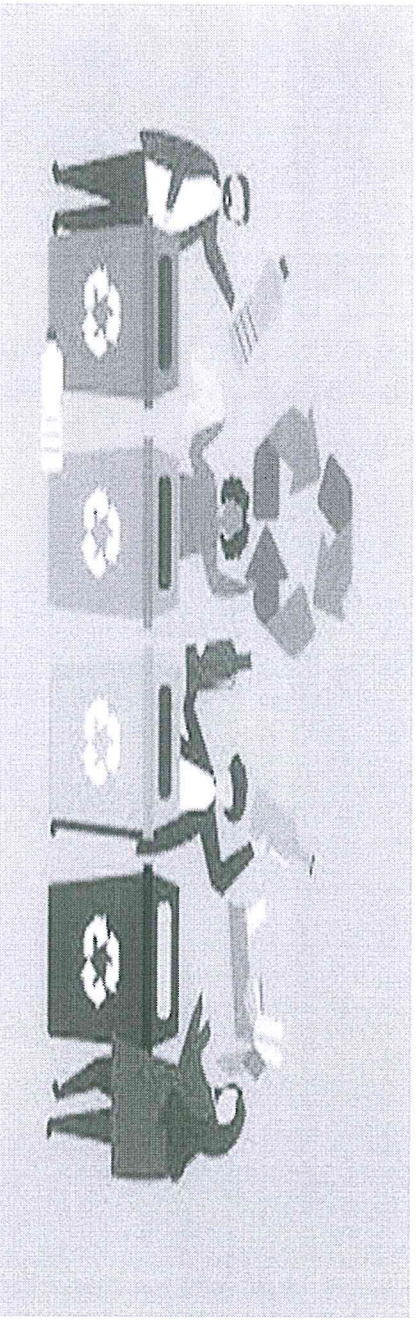
#### 1. Control pollution

We should regularly maintain our cars and leave them at home for as much as it is possible as they are a primary source of air pollution. Using rechargeable batteries helps the environment as we will not be prone to throwing them away once they are empty.

Composting also avoids littering, and not only does it protect the environment, but is also a reliable source of natural manure. Avoid chemical fertilizers, herbicides, pesticides and insecticides that pollute the environment. We should control pollution in as much as it is possible, to conserve the environment.

#### v. Create public awareness

Make people aware of the consequences of our activities through the various means available such as social media, seminars and the traditional media. Also, discuss environmental protection with your friends and family members so that everyone is made aware of environmental conservation, ways to conserve the environment and potential consequences if we do not take care of the environment.



### How To Promote Environmental Conservation?

#### 1. Education

Environmentalism needs to be a bigger part of the education system, from elementary school on up. We should teach our young ones how to take care of the environment as well as the consequences of not doing so. For instance, create an event which sees school-going kids plant trees and take care of them for as long as they are in the institution. By the time they graduate, the trees will be bigger and will help the environment.

#### v. Talk about it

Simply talk about environmental conservation in everyday life, blogs, vlogs, books, and articles. Also, elect leaders who are aware of environmental conservation and see the need to conserve the environment. Talk about it even in churches, in seminars, in school, and in other locations. Promote the cause and talk about it everywhere, not just in limited contexts.

#### • **Engage the community**

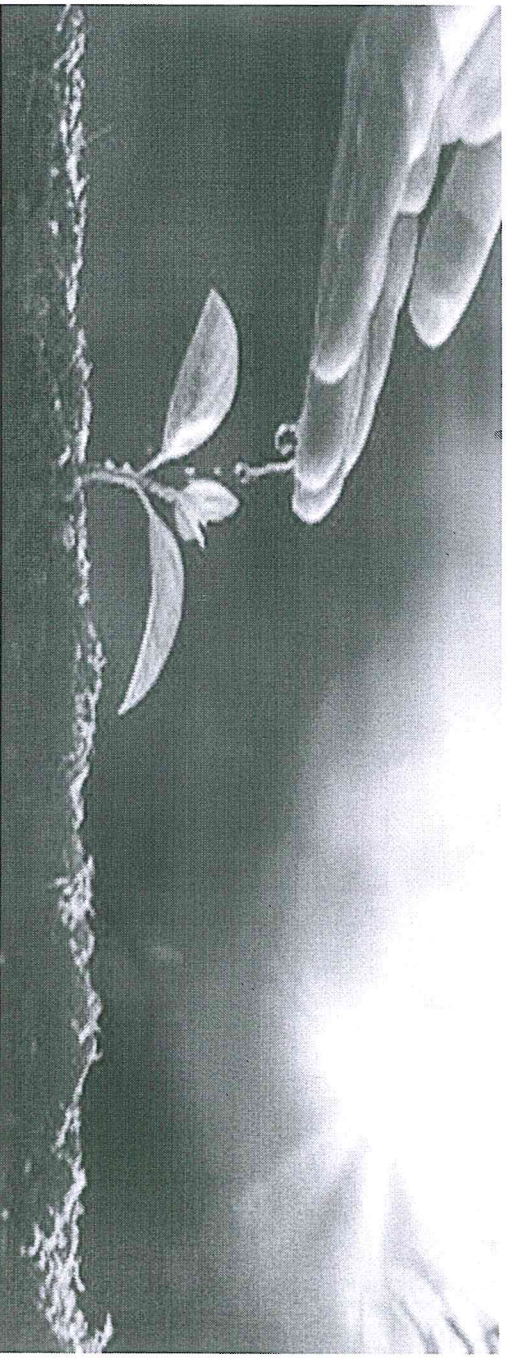
Engage the community in tree-planting exercises as well as events that see the environment cleaned. For instance, in Rwanda, they have what is called 'Umuganda', which is a community clean-up exercise, held each last Saturday of each month, where everyone has to spend the day cleaning the environment and those who do not participate are fined.

#### 4. **Ban plastics**

Plastics are responsible for a dirtier environment. They ought to be banned and people should learn to either recycle or reuse them or fail to use them at all.

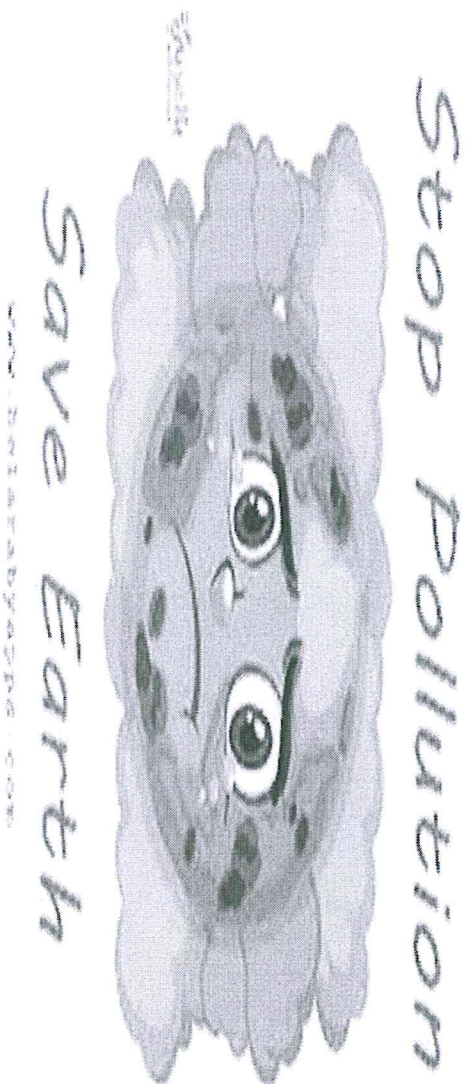
#### • **Create legislation that promotes environmental conservation**

Governments should come up with legislation that promotes environmental conservation. This should also be done on an international level, led by international agencies such as the United Nation with its UN Environment Program.



#### **Environmental Conservation: ^ Additional Ways You Can Help**

- **Stop smoking.** If you don't smoke, you lessen air pollution and improve your lung health.
- Change the way you clean the house. **Use sustainably made items or all-natural products** that aren't made with dangerous chemicals. It's better for your health as it doesn't pollute the air, and is less harsh on personal items.
- **Conserve water.** Wash your clothes and dishes only after you have a full load. Save water by turning off the faucet, taking shorter showers, and make use of nature's water by collecting rainwater to water your lawn.
- **Unplug things.** If an item isn't in use, that doesn't mean it isn't requiring electricity while plugged up. When an item is unplugged, it's not using any power at all. This saves more energy for future use while being cost-effective.
- **Learn to upcycle.** There are so many crafty ways to reuse things you already have. Research to learn fun new projects that can bring new life to old items so that you don't have to throw them away.
- If you can, avoid using plastic water bottles and paper so often. Anything you do use that is recyclable, be sure to dispose of it properly.
- **Contact government officials and support petitions** and other companies that promote change.



## Importance of Environmental Conservation

### 1. Importance of agriculture

Agriculture relies on the environment, and so do we rely on agriculture. A country's wealth could be measured on its ability to feed its people, although not all nations can produce agriculturally. Conserving the environment, with regards to agriculture, could mean preventing soil erosion, flooding and desertification, and could help its citizen have something to eat. Unsustainable farming techniques impact natural ecosystems and make farming impossible.

### 2. Importance to fishing

The various bodies of water, like the oceans, lakes and seas are another source of essentials such as food. All over the world, communities depend on seafood and related activities. Marine conservation is therefore vital in protecting human food supplies, human activities and marine animals. It saves more animals from extinction and also feeds land animals which depend on water. Some of the major challenges affecting the oceans include overfishing and pollution.

### 3. Importance to the climate

Human activities have a direct impact on the climate and a subsequent effect on all life. Global warming, linked to greenhouse gas emissions, which is an adverse effect on the climate, results in droughts, floods, rising sea levels and cases of extreme heat and cold.

- **Be kind to others.** Donate things that you don't use anymore instead of throwing them away. You avoid trashing valuable items while making it available to someone else for less money. On a similar note, purchase items that were gently used instead of buying new material that has been mass-produced with no regard for the environment.

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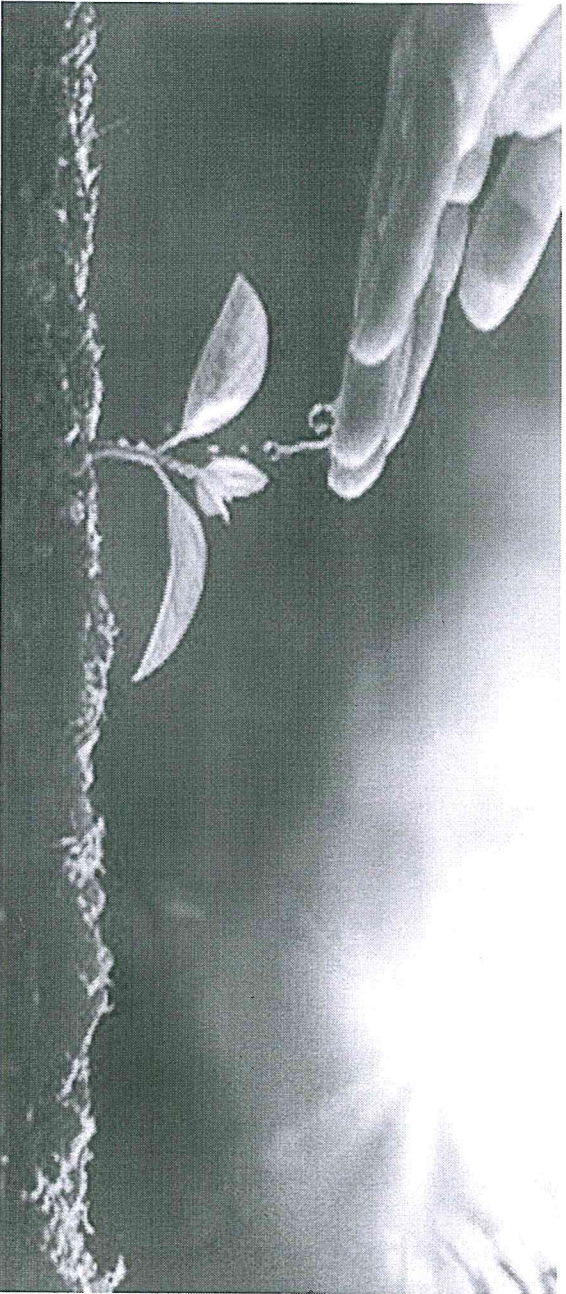
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