



PUDUCHERRY ENVIS HUB

Host Centre: Puducherry Pollution Control Committee
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WORLD NATURE CONSERVATION DAY

28th JULY, 2021



What is the importance of nature conservation?

Earth's natural resources include air, minerals, plants, soil, water, and wildlife. Conservation is the care and protection of these resources so that they can be preserved for future generations. It includes maintaining diversity of species, genes, and ecosystems, as well as functions of the environment, such as nutrient cycling.

Nature provides us with all the essentials for our daily needs. Due to overpopulation and human negligence we started to over-exploit our resources. If this continues, there will be no resources left for our future generations. The need to conserve the resources are:

- *To support life by supporting ecological balance*
- *To ensure that the future generations will be able to access the resources*
- *To preserve the biodiversity*
- *To ensure human race survives*

What are the steps to conserve the environment?

Planting more Trees:

Planting trees for the environment is good as they are renewable, biodegradable and recyclable. This is crucial for Ecosystem-Restoration. Planting trees also includes taking care of it. Let's develop a habit of planting one tree every month, encourage your friends and colleagues to join you as well.

<https://dste.py.gov.in/Envispdy/>

- *Use of alternative energy such as solar and wind energy.*
- *Plant more trees to maintain the ecosystem and to prevent soil erosion.*
- *Use the water resources in a proper way and reuse the kitchen water for watering the gardens.*
- *Grow vegetation in catchment areas.*
- *Reduce the usage of electricity.*
- *Use recyclable and biodegradable products.*
- *Ensure the recycling of wastes.*
- *Try to minimize the use of cars for a shorter distance.*
- *Grow your own vegetables by using organic compost.*
- *Install water treatment plants and rainwater harvesting.*



Methods of Nature Conservation

Forest conservation

Afforestation and reforestation help in conserving the forests, which are responsible for trapping absorbing a huge amount of carbon dioxide from reaching the atmosphere. We should make it our life mission to plant trees as much as possible, both on public and private lands, and take care of them. Additionally, legislation that protects the forests should be highlighted, so that we help in nature conservation.

Soil conservation

Soil conservation helps control erosions and improves the soil for agricultural purposes. We should plant more trees, protect pasture lands, and grow cover crops which regulate the blowing away of soils. We should also minimize the use of chemicals, use compost fertilizers and terrace farms on slopy lands.

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.

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 90% of all plastic bottles do not reach recycling units and this is unfortunate. They are not biodegradable and about 500 billion of them are used every year. Reusing these bottles, containers, bags and more will help in nature conservation.

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.

SAVE NATURE