

# Environmental Issues

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## Abstract

*In this attempt researcher tried well to highlight the different environmental issues caused by lot of different interference of human being. In the world of modernization many activities had done by human being leads to imbalance in the environment such as industrialization Urbanization, Desertification, Deforestation use of green house, over exploitation of resources. Some of the solutions also mentioned to control the depletion of Environment.*

**Key Words:** *environmental issues, imbalance, depletion.*

## Objectives

1. To know the environmental Issues
2. To understand the environmental Issues

## Methodology

The present research paper is informative the required information collected through various secondary sources of information

The list of environmental problems has grown to a great extent in the past few years. It has become very important to get these problems fixed before it is too late.

Following are some of the major and grave problems being faced by the world.

## Global Warming

Global warming is directly connected to the increase in percentage of CO<sub>2</sub> here in the earth's environment. The earth gets its warmth from the green house effect. But due to the increasing percentage of greenhouse gases, the temperature of the earth is increasing day by day. This has resulted in the collapse of glaciers which in turn are responsible for the rising sea level. If the temperature keeps increasing at such a rate, then slowly the entire land will be go under water very shortly.

## Deforestation

Forests are an important part of the ecological cycle, but it is continuously destroyed for agriculture, settlements, roads, railway tracks reservoir and huge industries, they are a good source of oxygen, rainfall, moisture, etc. But deforestation has brought about a drastic change in the ecological balance of the earth. It takes years for a tree to grow and every year approximately 16 million hectares of forests are cut down for various purposes.

It leads to in a climate shift, less rainfall, soil erosion and very dangerous to wild animals.

## Energy Crisis

Today, there are many options of energy sources such as petroleum, bio-fuel, coal etc. But all these sources are non-renewable sources and will get depleted in the coming years if their consumption is not checked. Apart from the energy crisis, resources such as coal and petroleum are contributing to the emission of greenhouse gases. Due to the excess usage of these energy sources, not only are the sources getting depleted, but they are also adding to the greenhouse gases which in turn are adding to the global warming conditions.

So, many countries are searching for alternative energy sources such as wind energy, solar energy, nuclear energy, etc., which may help in the future. But to get totally dependent on these resources and ensure their proper functioning may take some time.

### **Ozone Layer Depletion**

Ozone is a defensive layer which saves the earth from harmful ultra violet rays of the sun. But due to the emission of the Chlorofluorocarbon (CFC) gases the ozone layer is getting depleted.

If the emission of these gases and other harmful gases are not checked, the ozone layer will disappear very soon. This may expose the living beings to harmful radiations which can cause life-threatening diseases like skin cancer.

### **Pollution**

There are many types of environmental pollution: water pollution, air pollution, soil pollution, noise pollution, etc. All these pollutions are very harmful and can cause a serious impact on living beings. Air pollution is related to the emission of harmful gases in the earth's atmosphere which is resulting in global warming. Water pollution on the other hand, is related to the dumping of waste materials in the water which causes harm to the aquatic as well as terrestrial life. Soil pollution is also related to the dumping of waste material in the soil which causes degradation of the soil. Now comes noise pollution.

### **Waste**

The world has progressed a lot but with this progress, the amount of harmful and toxic wastes has increased. This problem has topped the list of environmental issues in America. Many industries which have waste materials like mercury, lead, motor oil, etc. do not process them properly and dump it in land or water which further results in the toxification of soil and water. This waste may also include radioactive waste which is very difficult to neutralize. This is a very serious.

### **Oil Spills**

Oil spill has become a major cause for the extinction of many marine species. This is mainly caused due to carelessness, accidents, wars, natural disasters etc. Many oil industries have contributed to this environmental issue. Though there are many ways to clean up the spilled oil, by the time the work starts and gets completed, many marine animals and birds lose their life. There are many incidents which show the effect of oil spills on animals, human beings and the environment. The biggest oil spill in the world history was a result of Gulf war and it took place in the Persian Gulf where more than 420 million gallons of oil was spilled by the Iraqi forces just

Just to avoid the landing of American soldiers.

### **Depletion of Resources**

Resources can be classified into renewable and non-renewable resources. Though renewable resources can be regenerated, over usage may lead to an imbalance in the supply of it. Resource depletion has also been included in the list of major environmental issues as it plays a very important role in our daily life. Overpopulation, erosion, pollution, mining, overfishing, industrial development, deforestation, over-consumption or unnecessary usages of the resources are some of the reasons behind the depletion of resources. This problem may cause irreparable imbalance of Environment.

### **Overpopulation**

Experts consider overpopulation to be the worst among the other environmental issues. According to the estimation of the United Nations World Population Prospects report, the current population is growing by 74 million people per year approximately. This is a very serious problem as with the increase in population their needs will also increase. Insufficient land, resources, food, and other basic necessity may give birth to many other problems and may also contribute to the existing ones. Hence, it is very important to keep an eye on the growing population not just for the sake of the environment but for the existence of our planet.

### **Nuclear Issues**

Many countries say proudly that they have nuclear weapons. But the fact is, nuclear weapons have become one of the most dangerous environmental issues today. The amount of nuclear weapon we have can destroy the entire earth in a few seconds. There are many disadvantages of nuclear power. Water is used to cool the reactors which then mix up with the other water bodies and by this, it adds to the problem of global warming. The waste which is produced is so dangerous that even a small amount of nuclear waste can harm a big area and affect the living beings. The misuse of nuclear power has become a threat to the survival of life on earth.

### Some Precaution to save Environment

1. You should go green. 'Go green' is a concept which was put forward in the year 2002 in California. It is meant to save the planet. Following are some of the points which may help you to get an outline of this concept. Save energy to reduce the energy crisis and to save nature. Switch off all electrical appliances when not in use. Try to avoid non renewable energy sources and concentrate on renewable energy like solar energy.

2. Water is life. We cannot survive without water. Hence save water. Preserve rainwater and stop water pollution.

3. Use things which are not harmful to nature and can be recycled. Stop using plastic bags and bottles. Use eco-friendly things.

4. Save trees, avoid using papers.

5. Plant trees.

### References

1. Environmental Issues, Law and Technology – An Indian Perspective. Ramesha Chandrappa and Ravi.D.R, Research India Publication, Delhi.
2. Milind Kandlikar, Gurusurthy Ramachandran (2000) India: The Causes and Consequences of Air Pollution In Urban India: A Synthesis of The Science. Annual Review of Energy and the Environment.
3. Tripathi, Anshuman; Mishra, Rajesh Kumar; (2006). The role of water use patterns and sewage pollution in incidence of water-borne diseases along the Ganges River in Varanasi, India.
4. Sushil and Batra (2006). Synthesis of fly ash metal content and disposal in three thermal power projects in India.