

Causes, Consequences and Preventive Measures of Environmental Degradation

Zubeyde Ulucak*

Department of Public Finance, Erciyes University, Kayseri, Turkey

*Corresponding author: Zubeyde Ulucak, Department of Public Finance, Erciyes University, Kayseri, Turkey, E-mail: zubuluca@gmail.com

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Abstract

Environmental degradation is defined because the process through which the natural environment is compromised by reducing biological diversity and therefore the general health of the environment. This process is often entirely natural in origin, or it is often accelerated or caused by human activities. This study describes regarding the causes, consequences and preventive measures of Environmental degradation.

Keywords: Environmental degradation; Natural climate; Pollution; Natural risks

Causes of Environmental Degradation

Human activities like overconsumption, overexploitation, pollution and deforestation are the main cause of Environmental degradation. Changes in the environment depends on factors like urbanization, populace and economic growth, expansion in energy utilization and agrarian escalation. The degradation unfavourably affects people, plants, creatures and miniature life forms.

Main Aspects of Environmental Degradation

The main aspects and consequences of environmental Degradation are as follows:

- Use of Fertilizer in excessive amounts
- Flora and Fauna degradation
- Decay of Forests
- Decline in the Domesticated Animals
- Mines and Minerals
- Pollution

Types of Environmental Degradation

Soil degradation, water degradation, and air degradation are the three types of Environmental degradation. The degradation of those three environments impacts the worldwide climate and living conditions to an excellent extent.

Land degradation

Land degradation may be a process during which the worth of the biophysical environment is suffering from a mixture of human activities or disturbances acting upon the land. Deforestation accounts for the main land degradation problem because it leads to severe erosion, flood, and loss of fertile soil.

Water degradation

Water degradation occurs when toxic substances enter water bodies like lakes, rivers, oceans and on by getting dissolved in them, lying suspended within the water or depositing on the bed. This degrades the quality of water.

Air degradation

The quality of Air can be degraded by natural or man-made sources. Natural sources include volcanic eruption, windstorm dust. Man-made sources include pollution from moving vehicles, toxic gases from industries, coal-powered plants, burning wood or other material within the outdoors, landfills. The most common diseases caused by pollution include ischemic heart condition, stroke, chronic obstructive pulmonary disease (COPD), carcinoma and acute lower respiratory infections in children.

Impact of Environmental Degradation to Human Health

There are number of environmental issues that can impact human health and wellness. These issues include chemical pollution, pollution, global climate change, disease-causing microbes, lack of access to health care, poor infrastructure, and poor water quality.

Disease caused by physical factors within the environment, like carcinoma caused by excessive exposure to ultraviolet in sunlight, exposure to toxic or irritant chemicals within the environment such as toxic metals, exposures to toxins from biologic agents in the environment, such as aflatoxicosis from molds that produce aflatoxin.

Lifestyle disease like disorder, diseases caused by drug abuse like alcoholism, and smoking-related disease.

Prevention of Environmental Degradation

- Reuse all the resources and materials that we possibly can. If people start reusing specific things, environmental degradation are going to be greatly reduced.
- Recycling is the best way to slow down environmental degradation
- Using trains, buses, and other forms of public transportation can reduce greenhouse emissions by reducing the number of motor vehicles on the road. As electric rail travel and electric buses increase in use, the advantages to the environment from public transportation also increase.
- Planting mainly helps in improving environment and reduces environmental degradation to some extent by purifying air, helps in reducing water pollution, absorbing carbon dioxide and releasing oxygen.