

JOIN HANDS TO SAVE ENVIRONMENT

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Abstract

Environment change is one of the biggest challenge of the 21st century. We, human beings, are blessed with physical elements include plants, animals, microorganisms etc. Besides physical and biological elements, cultural elements also contribute in the making of our environment is a serious problem affecting the current generation. Our education has the responsibility to make them conscious about environmental issues happening around them. The environment on earth is suffering from the some environmental issues; Global warming, Air pollution, and Climate change. In recent decades environmental problems have become globalized in terms of their existence and impact on Society. A variety of environmental problems now affect our entire world. It effect every human, animal, and nation on this planet. Therefore, it is our responsibility to take various initiatives to protect nature. We need to fight against to the poor environment and to take steps towards a better tomorrow. The present paper focuses on impact of environmental changes on society.

Keywords

Environment, Global warming, Air pollution, Climate change.

Reference to this paper
should be made as follows:

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*JOIN HANDS TO SAVE
ENVIRONMENT*

*Vol. XIII, Special Issue
pp. 6-9
Article No.2*

Similarity Check: 18%

Online available at:
<http://jgv.anubooks.com>

DOI: <https://doi.org/10.31995/jgv.2022v13iS.002>

Introduction

An environment is generally defined as the surroundings or conditions in which person, animal or plants survives or operates. It is everything that is around us, which includes both living and non-living things such as soil, water, animals and plants, which adapt themselves to their surroundings. It is nature's gift that helps in nourishing life on Earth. It plays an important role in the existence of life on the planet earth. (1)

Earth is a home for different living species and we all are dependent on the environment for food, air, water, and other needs. Environment provides us with resources for production which include renewable and non-renewable resources. Therefore, it is important for every individual to save and protect our environment. It includes physical, chemical and other natural forces, Living things live in their environment. They constantly interact with it and adapt themselves to the conditions in their environment. The environment is the area where living organisms live. There are different types of human activities which are directly attributed to the environmental disasters, which include- acid rain, acidification of oceans, change in the climate, deforestation, depletion of an ozone layer, disposal of hazardous wastes, global warming, overpopulation, pollution, etc. Environment protection programs are the responsibility at the individual, organizational and government levels with the aims establishing a society with green glow of flourishing.

Environmental Issues

There is a critical association between the well-being of a society and the quality of the environment in which a society lives. In today's global society, many environmental issues can diminish the quality of life on Earth, including overproduction of waste, the destruction of natural habitats and the pollution of our air, water and other resources. Environmental issues are harmful consequences of human activity on the natural environment. (2)

Various environment protection programs are being practised at the individual, organizational and government levels with the aim of establishing a balance between man and the environment. It has many harmful issues and even it also devastating on society. These include are Global warming, Air Pollution and climate change.

Global Warming

Global warming is the rise in the average temperature of Earth's atmosphere and oceans since the late 19th century. The primary cause of global warming seems to be the burning of fossil fuels, such as oil, coal and natural gas.

These fuels are used to generate electricity, power industrial processes, provide domestic heating and drive motorized vehicles and aircraft engines. All of these uses involve the production of carbon dioxide (CO₂). Although this gas is not directly harmful to humans or wildlife at the concentrations found in the air, there is widespread agreement among scientists that it is making the planet warmer by acting like a sort of umbrella that traps heat in the atmosphere near the earth. Evidence suggests that global warming is causing large scale melting of polar ice caps and glaciers in mountainous regions, which, if it continues, will lead to a rise in sea levels. This would potentially result in the loss of large amounts of valuable agricultural land in coastal areas. Sometimes, the loss of land hits close to home. For example, as of 2019, over 400 miles of Florida's beaches are designated critically eroded, made worse by rising sea levels. The National Research Council has predicted that by 2100, the global average sea level would rise between 20 and 40 inches. Climate change could also lead to drought in some areas and flooding in others, as patterns of air circulation change. Attempts are underway to tackle the problem by reducing reliance on fossil fuels and investing in alternative energy solutions, such as wind and solar power.(3)

AIR Pollution

One of our era's greatest scourges is air pollution, on account not only of its impact on climate change but also its impact on public and individual health due to increasing morbidity and mortality. There are many pollutants that are major factors in disease in humans. Among them, Particulate Matter (PM), particles of

variable but very small diameter, penetrate the respiratory system via inhalation, causing respiratory and cardiovascular diseases, reproductive and central nervous system dysfunctions, and cancer. Despite the fact that ozone in the stratosphere plays a protective role against ultraviolet irradiation, it is harmful when in high concentration at ground level, also affecting the respiratory and cardiovascular system. Furthermore, nitrogen oxide, sulfur dioxide, Volatile Organic Compounds (VOCs), dioxins, and polycyclic aromatic hydrocarbons (PAHs) are all considered air pollutants that are harmful to humans. Carbon monoxide can even provoke direct poisoning when breathed in at high levels. Heavy metals such as lead, when absorbed into the human body, can lead to direct poisoning or chronic intoxication, depending on exposure. Diseases occurring from the aforementioned substances include principally respiratory problems such as Chronic Obstructive Pulmonary Disease (COPD), asthma, bronchiolitis, and also lung cancer, cardiovascular events, central nervous system dysfunctions, and cutaneous diseases. Last but not least, climate change resulting from environmental pollution affects the geographical distribution of many infectious diseases, as do natural disasters. The only way to tackle this problem is through public awareness coupled with a multidisciplinary approach by scientific experts; national and international organizations must address the emergence of this threat and propose sustainable Solution. (4)

Climate Change

Climate is referred to the weather conditions of a region, which include temperature, humidity, precipitation, sunshine, cloudiness, and winds. These weather conditions prevailed for years. The change in these weather conditions is defined as climate change.

Climate change is the long term change in global weather pattern due to increased heat trapping gases, such as carbon dioxide and nitrous oxide. These gases are emitted by human activities and have increased at an alarming rate over the past century. The atmospheric concentration 40% since pre-industrial times. It is a severe change in the environment. Our earth is going through a lot of change with respect to climate, which is impacting the livelihood of people and other living things. However, while the greenhouse build up, the climate changes and result in dangerous effects to human health and ecosystem. (5)

The global climate change is one of the most dangerous threats to human society in the 21th century. (6) India is facing several problems. Climate change is associated with various adverse impacts on agriculture, water resources, forest and biodiversity, health, coastal management and increase in temperature. (7)

Climate change may especially impact people who live in areas that are vulnerable to coastal storms, drought and sea level rise or people who live in poverty, older, adults, and immigrant communities. Similarly, some types of professions and industries may face considerable challenges from climate changes.(8)

The Impact of Environment on Society

An environmental impact is defined as many change to the environment. It impacts are changes in the natural or built environment, resulting directly from an activity ,that can have effect on the air, land, water, fish and wildlife or the inhabitants of ecosystem. It affects the fertility of soil and resulted in food shortage. Life originated and flourish on earth because of the environment. Every organism influences its environment and in turn gets influenced by it. We are an integral part of the environment. (9)

Among all living organisms people influences environment the most and can also modify the environment to some extent as per his needs. Changes in environment affects us like on our community, stability, Social relationship and sometimes survival. It also spread some diseases in society such as asthma, respiratory diseases, skin infection, stress and what not. Rapid population growth, industrialization faster modes of transport, urbanization and increasing human activities has contributed to the pollution of environment. Environmental pollution causes serious problems like global warming, depletion of ozone layer, extinction of biodiversity etc. Large scale degradation of the environment not only causes pollution but may massive increase in natural disaster, warming and cooling period and different type of weather patterns, people need to be a lot more cautions with the way they lead their lives. The effect of these natural disasters on the economy and society will

certainly also be felt for many years to come. It is the effect of human activity on the environment in the form of creating environmental imbalance.

It leads to climate change which affects production and lifestyle, Environmental pollution is a formidable threat to the quality of life and put a check on development process, it may lead to acid rain and smog. These negative impacts can affect society and can prompt mass migration or battles over clean water. Therefore, it fosters environmental awareness among different sections of society. (10)

Conclusion

Environment plays an important role in healthy living life on the planet earth. It is a precious gift on this planet. Our Environment is facing a big danger. Saving Environment is the need of the hour. Probably, it is the biggest concern of Humanity right now. Global warming, Air pollution, climate change and water level would rise and because of this our environment has severely damaged and it also reduced level of groundwater. Due to this many of people ill and die. Saving Environment would certainly avoid such problems and also protect the animals. The health of people would improve. Due to pollution and deforestation, the health of many people is poor. Conserving the Environment would also improve the health of people. It also reduce many of diseases.

We can save our environment by control pollution, global warming. In that we must spread environmental awareness in our society as well as in our daily routine life. It is necessary to save and protect our environment. It is the responsibility of everyone to do care for our environment. Our environment is the source of natural beauty and is necessary for maintaining physical and mental health. The environment has helped us and other living beings to flourish and grow from thousands of years. At the end, everyone should be involved in helping to reduce and control all environmental issues on our society. Environment is no one's property to destroy, it's everyone's responsibility to protect. Let us hold hands to save our planet. So save the environment in present for better life in future.

“GO GREEN, BREATHE CLEAN”!!

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