

Environmental Crises And Natural Disaster

Dr. Parul Mishra¹

¹Asst. Prof. Chemistry Department, NSCB Govt. Girls P.G College, Aliganj, Lucknow

Received: 20 January 2025 Accepted & Reviewed: 25 January 2025, Published : 31 January 2025

Abstract

In today's time our whole planet is under the influence of several harmful events like earthquakes, landslides, global warming etc. All these together are termed as natural disasters which in turn lead to environmental crisis. The harmful activities of humans are increasing day by day resulting in environmental degradation and occurrence of natural disasters and environmental crisis. One should have good knowledge as well as understanding of nature and the affecting nature. This research explores the causes, factors of environmental crisis and steps required for safety and recovery from these prevailing disasters. For this study was divided in different parts which lead to formation of appropriate content, several criteria included Data sources, Search strategies and Selection method, leading to formation of content compatible with our study. Several integrated research on disaster control and its management have already been conducted and continuous exploration on this issue is going on. A more sustainable and quick disaster management framework is required for futuristic approach in it. The article aims to identify impact, causes of disaster management and concludes that, humans are the only one who can make and break our nature. Thus, collaborating with all major things consisting people, societies and organization play important role in disaster management.

Keywords- Earthquake, Global warming, Natural Disasters, Environmental crisis, impacts, exploration, Environmental degradation.

Introduction

Disasters are not any random event, they are caused due to negative impacts of humans. Disasters may be natural and man made. In today's time occurrence of such Disasters are not only an issue but also a great thing to think about. The disasters include death of wildlife, humans and severe damage to plants and disruption of human life or health. Due to large negative impact of the humans on environment the term environmental crises is often used for issues related to environment caused by human activities. Most often three global challenges have been seen which become reason for occurrence of these environmental crises, mentioned here - The climate crises, Biodiversity loss, Plastic pollution. These three issues have emerged as major problems contributing in environmental degradation. First of all let's talk about, The Climate Crises, The rising temperature are fueling environmental degradation, natural disasters, weather extremes, food and water insecurity. Due to the climate change sea levels are rising, arctic is melting, coral reef are dying and much more loss is occurring. Emission of harmful greenhouse gases lead to climate crises. Now, Biodiversity loss is basically a huge loss our environment i.e reduction in variety of life on Earth, it includes number of species, their genetic variation and how they interact with each other in ecosystem. Biodiversity loss have a far reaching impact on food chain, main reasons for occurrence of this problem is deforestation, urbanization etc. Now the last one pollution, mainly plastic pollution, accumulation of toxins in the environment of synthetic plastic products to the point they create problems for wildlife and their habitat as well as for human pollution. Large amount of fuels, burned in various types of furnaces mainly contribute to pollution. All these three factors directly or indirectly lead to environmental crisis. A more sustainable, disaster management framework is required to have a futuristic approach in it. Several measures and steps must be taken in order to control harmful impacts due to human activities. Occurrence of natural disasters are due to increasing harmful human activities in turn leading to environmental crisis. So by controlling the

In today's period we are going through a enormous and dangerous decline of nature and our environment, caused due to humans Environmental crisis is term that is used to describe the sum of the environmental problems that we face today. The key environmental crises include greenhouse effect and global warming ,the hole in the ozone layer, acid rain etc .Environmental Crisis is really a crisis of consciousness. Most people know the natural world is facing great challenges and degradation , but only some of them know the negative impacts of this on our society Our environment is constantly changing due to human activities and as our environment changes so their is a need to become increasingly aware of the environmental issues that are causing these changes.From climate change and pollution to overpopulation and energy use, these issues are complex and interconnected.Environmental crises result from a combination of natural causes and human impact. Our earth is designed in such a way to handle a large amount of natural disturbances but the human activities crate such a condition which indirectly lead to their occurrence in higher intensity .

Here are some of the main types of environmental issues:Climate change , Loss of biodiversity, Air pollution, Ocean health, Water pollution, Overpopulation, Energy use , Weather events . All these environmental issues are a result of human activities on our environment resulting in harm to humans itself.

FACTORS LEADING TO ENVIRONMENTAL CRISIS.

En growth, urbanization, intensification of agriculture, rising energy use and transportation.Deforestation, overgrazing, pollution, and climate change all contribute to environmental degradation and can lead to decreased crop yields and water shortages. These factors can all contribute to poverty, as people are unable to produce enough food to feed their families.

Some of major factors leading to Environmental crisis like Rising Population, Industrialisation , Poaching , Global warming , Urbanisation, Water contamination, Illiteracy are given below :

1- Rising Population - With population explosion, the growing needs of the expanding population have to be met and due to this, the demand for resources for both production and consumption has gone beyond the rate of regeneration of the resources. Due to environmental crises , the absorptive capacity has somehow increased.

2-Industrialisation - With rapid industrialisation for meeting the growing needs of the population, the resources being used as inputs in the industrialisation process are depleting at a fast pace. Most of the resources are exhaustible which cant be replenished easily.

3-Poaching - Poaching is the illegal killing of wild plants or animals. Those wild species which are endangered are continuously poaching.

4 -Global Warming - Global warming is a gradual increase in the average temperature of the Earth's lower atmosphere as a result of the increase in greenhouse gases. It is caused by increases in emission of carbon dioxide and other greenhouse gases through the burning of fossil fuels and due to deforestation.In the long-term global warming can cause melting of polar ice with a resulting rise in sea level and coastal flooding; disruption of drinking water supplies dependent on snow melts; extinction of species as ecological niches disappear; more frequent tropical storms; and an increased incidence of tropical diseases.

5-Urbanisation - Rural population has started migrating to urban areas in search of jobs and even in rural areas urban lifestyle is being copied by the younger generation. All these had lead to rise in power consumption. This in turn has resulted into faster-depletion of resources and air pollution.

6-Water Contamination - Water bodies (e.g., lakes, rivers, oceans, aquifers and groundwater) are contaminated when pollutants are discharged directly or indirectly into water bodies without adequate treatment to remove harmful compounds. The effect is damaging not only to individual species and populations, but also to the natural biological communities.

7-Illiteracy - It is a social problem leading to the lvironmental changes may be driven by many factors including economic growth, population

ack of awareness about the environment and the harmful effects of various practices or products on the environment. An illiterate person does not understand the importance of conservation of natural resources and is not aware of the practices which may save the environment from degrading.

These were some of the key factors leading to Environmental crises

HOW TO SOLVE THIS PROBLEM ?



www.google.com.



www.google.com

Environmental issues occur due to harmful activities of humans leading harm to human too. Such issues can be due to human activities or may be naturally occurring .. They can occur on every level .s. Environmental issues can be solved by human activities only in other words useful activities of human.

Environmental crisis are a matter of concern these days. All the peoples are becoming aware towards this issue.. Continuous observation on our environment its functioning and safety has become a major concern , its protection is each and every individuals responsibility. The following are the possible solution for the environmental crisis :

- | | |
|---|---|
| 1-Avoid single-use plastic. | 5-Plant more trees and go paperless |
| 2 -Promoting clean and affordable energy. | 6-Promote green innovations |
| 3-Go for sustainable agriculture. | 7 -Support local and environment-friendly |
| 5-Plant more trees and go paperless | |

CONCLUSION



www.book.emperia.com

Harmful activities of human are having harmful effects on earth's environment, leading to environmental crisis. These include many types of human activities which lead to pollution, waste disposal, climate change, global warming, green house effect etc. Nowadays, rising temperature are fueling environmental degradation, natural disasters, weather extremes, food and water insecurity, economic disruption, conflict and terrorism. Sea levels are rising, the arctic is melting, coral reef are dying, oceans are acidifying and forest are burning. Day by day increasing harmful activities of humans leading to occurrence of disasters, directly or indirectly leads to destruction, damage and death. Disaster is a calamity of sudden happening, natural disasters can not be stopped when they occur. Being prepared for any calamities is the most good way to be safe and trying to precaut ourself.

Nature is the most beautiful thing ever, so there is a need to save it not destroy it for our greed. Humans are the only one to protect as well as destroy the environment, thus inturn humans can save, protect their environment. The environmental issues, such as climate change, pollution, and resource depletion, can have local, regional, or global impacts. By implementing sustainable solutions and raising awareness, we can mitigate the effects of environmental degradation and safeguard the planet for future generations. Natural disasters are out of human control but they are a result of harmful and negative human activities. People, unfortunately, forget that we are a part of nature. People must be aware that the natural world is on the verge of collapse. Saving our planet from these Environmental Issues is the responsibility of every individual. After seeing these all issues people come up with remedies for resolving these problems like recycling trash, develop electric automobiles, reduce air, water, and soil Pollution and many more but these are not enough for us to resolve this problem. Saving our planet from these Environmental Issues is the responsibility of every individual. If preventive measures are not taken then our future generation will have to face major problems. As a whole our future is in our hands so by not harming our environment indirectly we are saving our lives and Our environment is not just a collection of trees, rivers, and animals; it's the foundation.

References -

- 1- A.K Singh, B.Jyoti, S.Kumar and S.K .Lanka, " Assessment of global sustainable development, environmental sustainability, economic development and social development index in selected economics ", International Journal of Sustainable Development and Planning, Vol-16, no, pp.123-138.2021
- 2- Subhan Ansori, Ramdan Yusuf "Adressing the global environment crises: strategies for sustainable development. " west science social and humanities studies .Vol.01, no 2 August 2023, pp - 63 -75
- 3- M.Scott Taylor, Dept of Economics, University of Calgary ' Environmental crises, Present, Past and Future, The Canadian Journal of Economics, Nov 2009.
- 4- Oindrilla Ghosh, Environmental hazard and Disasters - A response towards mitigating disaster management, September 2023 <https://www.researchgate.net/publication/374078750>.
- 5- N. Mirnasl, S. Philpot, A. Akbari, and K. W. Hipel, "Assessing policy robustness under the COVID-19 crisis: an empirical study of the environmental policymaking system in Ontario, Canada," Journal of Environmental Policy & Planning, vol. 24, no. 6, pp. 762–776, 2022
- 6-Budi Winarno, Environmental Crisis : A Global threat of Human security Vol-6 no1 (2017)<https://journal.umy.ac.id/index.php/jhi/article/view/2597>
- 7- . Ratih Dyah Kusumastuti, A. Arviansyah, N. Nurmala, Sigit S. Wibowo, Knowledge Management and Natural Disaster Preparedness: A Systematic Literature Review and A Case Study of East Lombok, Indonesia, International Journal of Disaster Risk Reduction (2021).
- 8- Achin Steiner, Environment and Disaster risk Emergenic perspectives, second edition July 20