

## A brief note on the Environment and how Humans destroy it

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### Abstract

The environment is the natural world around us, including everything from the air we breathe to the water we drink and the land on which we live. It is essential for the survival and well-being of all living organisms, including humans. However, the environment is under threat from various human activities, and it is crucial that we take action to protect it. The environment is the physical and natural world that surrounds us. It includes everything from the air we breathe, the water we drink, and the land we live on, to the plants and animals that share our planet with us. The environment is essential to our existence, and it is crucial that we take care of it. Humans have made significant impacts on the environment. From deforestation and air pollution to oil spills and climate change, our actions have harmed the natural world. These activities have resulted in a degradation of the environment, leading to a loss of biodiversity, natural resources, and ultimately, the quality of life for all living beings [1].

The environment refers to the natural world around us, including the air we breathe, the water we drink, the soil we use to grow our food, and the living organisms that inhabit the planet. It is an essential aspect of human existence, providing us with the resources we need to survive and thrive. However, human activities such as industrialization, urbanization, and deforestation have caused significant harm to the environment, resulting in climate change, pollution, and loss of biodiversity [2].

**Keywords:** Environment; Humans; Natural resources; Biodiversity; Water

### Introduction

The effects of environmental degradation are becoming increasingly visible. Climate change, caused by the accumulation of greenhouse gases in the atmosphere, is resulting in rising temperatures, melting ice caps, and more extreme weather events. This is leading to devastating consequences for people, animals, and ecosystems around the world. Other environmental problems such as deforestation, overfishing, and pollution are also causing significant damage to the natural world. One of the most significant threats to the environment is climate change [3, 4]. Climate change is caused by the emission of greenhouse gases, such as carbon dioxide, into the atmosphere. These gases trap heat and cause the Earth's temperature to rise, leading to a range of environmental problems, including more frequent and severe weather events, rising sea levels, and the extinction of plant and animal species. To address climate change, it is essential to reduce greenhouse gas emissions. This can be achieved through a range of measures, including using renewable energy sources, such as solar and wind power, and improving energy efficiency in buildings and transportation. Another significant threat to the environment is pollution. Pollution can take many forms, including air pollution from factories and transportation, water pollution from agricultural runoff and sewage, and soil pollution from industrial waste. Pollution can harm human health, damage ecosystems, and threaten the survival of plant and animal species. To reduce pollution, it is crucial to adopt cleaner technologies and practices, such as using electric vehicles and reducing waste through recycling and composting [5, 6]. Governments can also play a role by implementing regulations and incentives to encourage businesses and individuals to reduce their environmental impact. Deforestation is another significant threat to the environment. Deforestation occurs when forests are cleared for agriculture, logging, or other human activities. Deforestation contributes to climate change by releasing carbon dioxide into the atmosphere and reducing the number of trees that absorb carbon dioxide through photosynthesis. Deforestation also destroys habitats for plant and animal species, leading to biodiversity loss. To reduce deforestation, it is essential to adopt sustainable land

use practices and protect forests through conservation efforts [7]. This can include promoting sustainable agriculture, implementing reforestation programs, and protecting natural habitats through national parks and other protected areas. Climate change is one of the most pressing environmental issues facing the world today. The study of Earth, its structure, composition, and the physical processes that shape it is known as Earth science [8, 9]. It includes geology, oceanography, atmospheric science, ecology, and other related fields. One of the major problems that Geology is as of now confronting is climatic change, which alludes to long haul modifications in Earth's environment, including temperature, precipitation, and wind designs. To mitigate its negative effects on society and the environment, it is essential to comprehend how Earth Science and climatic change are interconnected. The study of the planet we call home is known as earth science, and it encompasses many different scientific fields like geology, meteorology, oceanography, and ecology. The issue of climate change, which is caused by human activities that have resulted in the emission of greenhouse gases into the atmosphere, is one of the most significant challenges that our planet is currently facing. Understanding the causes and effects of climate change, as well as finding ways to reduce their impact, require earth science.

The burning of fossil fuels, deforestation, and other human activities have led to an increase in greenhouse gas emissions, which trap heat in the Earth's atmosphere, leading to a rise in global temperatures [10].

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## Conclusion

This has resulted in a range of problems, including melting ice caps, rising sea levels, and more frequent and intense weather events such as hurricanes and droughts. Climate change also has significant social and economic implications, including food shortages, water scarcity, and increased conflict. Pollution is another major environmental issue. Human activities such as industrial processes, transportation, and agriculture release a range of pollutants into the air, water, and soil. These pollutants can have serious health consequences, including respiratory illnesses, cancers, and neurological disorders. Pollution also has economic impacts, including damage to property and reduced agricultural productivity. Loss of biodiversity is another major environmental concern. Human activities such as deforestation and habitat destruction have led to the extinction.

Earth science is a broad and multidisciplinary discipline that is essential to our comprehension of the planet's systems. We can gain a deeper comprehension of the Earth's physical and biological processes and the ways in which they are changing by studying environmental science, meteorology, oceanography, and geology. Finding ways to reduce the impact of climate change is one of the most significant challenges Earth scientists face today. Scientists, public officials, and policymakers all need to be involved in this multidisciplinary approach. Through the improvement of land-use practices, energy efficiency, and the development of renewable energy sources, earth scientists can contribute to the creation of strategies for lowering emissions of greenhouse gases. Earth science also plays a crucial role in evaluating these solutions' efficacy.

The development of strategies to promote sustainability and

safeguard the natural world requires this knowledge, which is essential for addressing the environmental issues that our planet is confronting. However, the delicate equilibrium of the Earth's climate system has been disrupted by human activities like deforestation, industrialization, and the burning of fossil fuels. The expansion in ozone depleting substance emanations has prompted an expansion in the World's temperature.

## References

1. Seleshi Y, Zanke U (2004) recent changes in rainfall and rainy days in Ethiopia. *Int J Climatol* 24: 973-983.
2. Zhang X (2011) Indices for monitoring changes in extremes based on daily temperature and precipitation data. *Wiley Interdiscip Rev Clim Chang* 2: 851-870.
3. Trewin B (2009) a new index for monitoring changes in heatwaves and extended cold spells.
4. Klein SA (2009) Intercomparison of model simulations of mixed-phase clouds observed during the ARM Mixed-Phase Arctic Cloud Experiment. *QJR Meteorol Soc* 135: 979-1002.
5. Griffiths G M (2005) Change in mean temperature as a predictor of extreme temperature change in the Asia-Pacific region. *Int J Climatol* 25: 1301-1330.
6. Getahun Y (2015) Analysis of Climate Variability (ENSO) and Vegetation Dynamics in Gojjam, Ethiopia. *J Earth Sci Clim Change* 6.
7. Zeleke TT, Giorgi F, Diro GT, Zaitchik BF (2017) Trend and periodicity of drought over Ethiopia. *Int J Climatol* 37: 4733-4748.
8. Hilmi N, Allemand D, Cinar M, Cooley S, Hall-Spencer, et al. (2014) Exposure of Mediterranean Countries to Ocean Acidification. *Water* 6: 1719-1744.
9. Kite-Powell HL (2009) A Global Perspective on the Economics of Ocean Acidification. *The Journal of Marine Education* 25.
10. Riebesell U, Tortell PD (2011) Ocean Acidification, Chapter 6: Effects of Ocean Acidification on Pelagic Organisms and Ecosystems. Oxford University Press 99-120.