



The Importance of Natural Environment, its Threats and Conservative Measures

Daisuke Abe*

Department of Life Science, Jacobs University Bremen, Bremen, Germany

ARTICLE HISTORY

Received: 22-May-2023, Manuscript No. JENVOH-23-102072;
Editor assigned: 25-May-2023, PreQC No: JENVOH-23-102072 (PQ);
Reviewed: 09-Jun-2023, QC No: JENVOH-23-102072;
Revised: 16-Jun-2023, Manuscript No: JENVOH-23-102072 (R);
Published: 23-Jun-2023

Description

The natural environment, encompassing all living and non-living elements of our planet, plays a vital role in sustaining life and maintaining ecological balance. It comprises diverse ecosystems, from lush forests and sprawling grasslands to sparkling rivers and vast oceans. This essay delves into the significance of the natural environment, exploring its intricate interconnectedness, the services it provides, the threats it faces, and the imperative need for its conservation [1].

Interconnectedness of ecosystems

The natural environment is a complex web of interconnected ecosystems, where every organism, regardless of its size or role, plays an essential part [2]. From the smallest insects to the largest predators, every species relies on others for survival. Ecosystems provide food, shelter, and breeding grounds for countless organisms, allowing for biodiversity and the perpetuation of life. The intricate relationships among species, such as pollination, predation, and decomposition, contribute to the stability and resilience of these ecosystems [3].

Services provided by the natural environment

The natural environment offers numerous services that are essential for human well-being. Forests, for instance, act as carbon sinks, mitigating climate change by absorbing greenhouse gases. They also provide timber, medicinal plants, and livelihoods for millions of people. Freshwater systems, such as rivers and lakes, supply drinking water, support agriculture, and host diverse aquatic life. Oceans not only regulate the Earth's climate but also serve as a vital source of food, employment, and recreation. Additionally, wetlands act as natural water filters, preventing floods and purifying water. Furthermore, the natural envi-

ronment offers recreational opportunities and promotes physical and mental well-being. Spending time in nature has been linked to reduced stress levels, improved cognitive function, and enhanced overall health. Protecting and conserving the natural environment is crucial for ensuring the continuity of these invaluable services [4].

Threats to the natural environment

Unfortunately, the natural environment faces numerous threats due to human activities. Deforestation, driven by the expansion of agriculture, logging, and urbanization, has resulted in the loss of vast forested areas, endangering countless plant and animal species. Land degradation, caused by overexploitation, improper land management, and pollution, has severely affected fertile soils, reducing agricultural productivity [5].

Climate change, primarily caused by greenhouse gas emissions from human activities, poses a significant threat to the natural environment. Rising temperatures, changing precipitation patterns, and extreme weather events are impacting ecosystems worldwide. Coral reefs, for instance, are bleaching and dying due to increased ocean temperatures, threatening the entire marine ecosystem [6].

Pollution, including air, water, and soil pollution, has detrimental effects on the natural environment. Industrial activities, improper waste disposal, and excessive use of chemicals contaminate the air we breathe, the water we drink, and the soil we rely on for food production. This pollution disrupts ecological balance and poses risks to human health.

Conservation of the natural environment

Conservation efforts are essential to safeguard the natural environment and address the threats it fac-

es. Governments, organizations, and individuals play a crucial role in promoting sustainable practices, protecting biodiversity, and mitigating climate change. Efforts such as afforestation, reforestation, and sustainable land management can help restore degraded ecosystems and preserve biodiversity. Promoting renewable energy sources, reducing greenhouse gas emissions, and transitioning to more sustainable lifestyles are pivotal steps in combatting climate change. Additionally, adopting cleaner production methods, improving waste management systems, and implementing strict environmental regulations are vital to reducing pollution.

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