

The Impact of Climate Change on Socio-Economic Inequality Worldwide

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DOI: <https://doi.org/10.5281/zenodo.14286565>

Abstract

This research explores the relationship between climate change and the rising socio-economic inequality worldwide. We used global case studies and data; the paper analyzes the mechanisms through which climate-related events such as extreme weather, food insecurity, and migration perpetuate economic and social inequalities. We would also analyze the data to find a solution to such issues. Basically, this article concludes with policy recommendations to promote equity and climate resilience, advocating for collaborative global strategies. This research also provides a unique perspective on how the world is suffering from both issues globally.

Keywords

Climate change, socio-economic inequality, climate justice, adaptation, sustainability

Introduction

Climate change is a global issue that is affecting the population from all walks of the world. Ever since the industrialization in the late 19th century. It is an issue as a result of human-induced activities. We all know that climate change is responsible for creating serious issues, mostly affecting the socio-economic aspects, especially for the low-income and developing nations.

The consequences that arise due to climate change are mostly floods, droughts, food insecurity, etc., for which the economies suffer a lot, creating a line of social problems among the population.

Presently, we can observe that the climate has already changed as the global average temperature has risen a lot. 2023 was the warmest year on record by a record margin. Also, the year 2024 is on track to become the warmest year on record, with global mean surface air temperatures from January to September averaging 1.54 °C above pre-industrial levels, influenced by a warming El Niño event. Notably, on July 22, 2024, the daily global average temperature reached a new high of 17.16 °C, surpassing previous records.

These effects exacerbate existing inequalities, creating a feedback loop of poverty, displacement, and resource scarcity. Recent data also underscores the accelerating pace of climate change. This study investigates the multifaceted impact of climate change on global socioeconomic disparity and suggests solutions that are feasible.

This study investigates the multifaceted impact of climate change on global socio-economic disparity and requires comprehensive and feasible solutions. This includes increasing funding for adaptation measures in vulnerable regions, empowering local communities to implement resilience strategies, and strengthening international agreements to ensure accountability and fair resource distribution. Without decisive action, the cycle of poverty, displacement, and resource scarcity will continue to intensify, further entrenching global inequalities.

Literature Review

1. According to the **United Nations Department of Economic and Social Affairs (UN DESA)** report “*Climate Change and Social Inequality*” (2017), climate change exacerbates existing social and economic disparities, making vulnerable communities even more susceptible to its impacts.
2. In their article “*Social Dimensions of Climate Change*,” the **World Bank** emphasizes that certain groups—such as female-headed households, children, indigenous people, and other marginalized communities—are particularly vulnerable to the negative effects of climate change. The root causes of their vulnerability stem from factors such as geographical location, socio-economic status, gender, and limited access to resources and services.

Methodology

This research primarily relies on secondary sources obtained from verified platforms, such as the United Nations (UN), the World Bank, the World Meteorological Organization (WMO), and other credible international sources. These platforms provide trustworthy data and insights essential for understanding the impact of climate change on socio-economic inequality.

- **Data Collection and Analysis:** The data used in this study were collected from reputable online portals and official international sources. These sources are considered reliable and authoritative, ensuring the accuracy and credibility of the data analyzed in this research.
- **Idea Development:** The ideas and opinions presented in this research are derived from a comprehensive review of various sources available online. These sources include reports, studies, and publications from global institutions focused on climate change, socio-economic impacts, and related issues.
- **Acknowledgments:** I would like to extend my heartfelt gratitude to my parents for their unwavering support and encouragement throughout the research process. Their blessings and guidance played an essential role in the completion of this study.

Findings

Some key findings from this research include:

- **Rising Social Inequalities:** Climate change exacerbates both existing and emerging social inequalities. Instances of displaced populations, marginalized communities facing increased vulnerability, and the deepening gap between the rich and poor demonstrate how environmental changes amplify social issues.
- **Disproportionate Impact on Poorer and Developing Nations:** The adverse effects of climate change are most severe in disadvantaged and developing nations. These countries often lack the resources, infrastructure, and capacity to adapt to climate-induced challenges such as extreme weather events, food insecurity, and rising health risks.
- **Economic Consequences:** Climate change poses significant threats to the global economy. Natural disasters like floods and droughts, changing weather patterns, and disruptions in agriculture negatively affect economic productivity. Vulnerable populations, especially in lower-income nations, bear the brunt of these economic losses.
- **Climate Action Burden on Developing Nations:** Developing nations often face the dual challenge of addressing climate change while continuing their economic development. As richer, developed nations push for climate action, the responsibility for implementing costly mitigation and adaptation measures disproportionately falls on less-developed countries. This can hinder their growth, prevent poverty reduction, and delay development.

Discussion

The findings from this research extensively put forward the information about the climate change and how it worsens the socio-economic disparities. We also find how the poorer nations suffer from it. The countries in the Global South have to bear the consequences of climate-induced problems and arising socio-economic inequality; also, they are subjected to bearing the weight of climate action. The economies are also in great disparity from issues like migration, droughts, extreme weather, etc. Most vulnerable communities, such as women, children, etc., are subjected to suffering the most as they are neglected from having any power in decision-making, etc., which in turn deeply affects them.

This study also aligns with previously published works by reputed and global platforms such as the United Nations, World Bank, etc. These works have also helped in unravelling the relationship between climate change and socio-economic inequality worldwide, which is often unseen, but they throw a light on them.

The implications of these findings are far-reaching, as it also sheds light on the role of the developed/richer nations to lend a helping hand to those who are underprivileged, especially from the Global South. The responsibility of international organizations such as the United Nations also plays a crucial role in looking after such issues and providing globally effective solutions, as needed, which are feasible to all.

Well, one limitation to this particular study is that it mostly uses the secondary sources obtained from online sources. In the coming future research, we shall try to use the primary sources, which are more reliable and provide a first-hand view.

Policy Recommendations

Based on the previous information, some policy recommendations that I would like to recommend are:

- **Identifying the root cause:** It is crucial that we must try to find the real cause of the arising issues like climate change or any socio-economic issues around the world.
- **Giving importance to climate action:** I believe that climate action is something for which every individual or stakeholder must work upon. Building a climate-resilient society is important.
- **Focusing on regional efforts:** We must make sure that the regional efforts are also taken into account while considering real climate action.
- **Fostering sustainable solutions:** We all must also make sure that we practice the best of the sustainable practices. Switching to renewable energy, planting more trees, etc., are some examples.
- **Inclusive decision-making processes:** While making any decision, it is necessary that everyone's needs are covered; inclusivity is very important to avoid any cases of inequality.
- **Awareness:** General awareness is also very important, as it ensures that everyone is well aware of their situation.

Conclusion

This research highlights the interconnectedness of climate change and socio-economic inequality, emphasizing how the impacts of environmental degradation disproportionately affect vulnerable populations, particularly in developing nations. The findings reiterate that climate change acts as a force multiplier, exacerbating existing disparities and creating new challenges, such as migration, resource scarcity, and economic disruptions.

The study underscores the urgency for collective global efforts to address these challenges. Climate justice must be a central tenet of all strategies, ensuring that the most affected communities have access to resources, representation in decision-making, and support to build resilience. Moreover, equitable climate policies should consider the unique challenges faced by developing nations, emphasizing international cooperation and accountability from wealthier nations.

While this research relies on secondary sources, it successfully synthesizes insights from global organizations such as the United Nations and the World Bank. It also offers policy recommendations aimed at fostering sustainable and inclusive solutions, ranging from regional initiatives to global frameworks. The findings advocate for climate action that integrates economic equity and social inclusion, ensuring that progress in mitigating climate change is not at the cost of the most disadvantaged communities.

Looking forward, future research could incorporate primary data collection to provide firsthand perspectives and actionable insights. By bridging the gap between policy, practice, and on-the-ground realities, this study contributes to the ongoing dialogue on building a sustainable and equitable future for all.

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