

## CURRENT GLOBAL ISSUES

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**Annotation:** *This thesis examines contemporary global issues, their causes and consequences, as well as the measures being taken to address them. It highlights the significance of issues such as climate change, poverty, water scarcity, food security, and biodiversity loss, along with the international initiatives. Innovative solutions, education, and awareness are deemed crucial for tackling global challenges.*

**Keywords:** *Global issues, climate change, poverty, water scarcity, food security, biodiversity, sustainable development, international cooperation, innovations*

## INTRODUCTION

Today, global issues are seriously transforming the lives of all humanity. Climate change, poverty, water scarcity, food security, and biodiversity matters affect every individual's health, economic conditions, and ecological balance. It is essential for all of us to work together to solve such problems. Through international cooperation, education, and innovations, we can overcome these challenges.

## MAIN SECTION

**Climate Change:** Climate change is arising from the increase of greenhouse gases due to human activity, including emissions from various factories and automobiles. This process leads to a rise in global temperatures and causes serious changes in global climate systems. Serious consequences include rising global temperatures, droughts, and severe storms.

According to the 2021 IPCC (Intergovernmental Panel on Climate Change) report, if global temperatures rise by 1.5 °C, agricultural and water supply systems will face serious challenges. Such changes negatively affect ecosystems and the food security of humanity.

**Poverty:** Currently, over 700 million people live in conditions of poverty. Poverty creates serious barriers to meeting basic needs such as food, education, and health.

The COVID-19 pandemic and its economic repercussions led to an increase in poverty levels. According to World Bank data, poverty rates rose by 9.2% during 2020. These figures have led to economic inequality and security issues in many countries.

**Water Scarcity:** Water scarcity is currently a serious issue in many countries. This problem largely arises from climate change and population growth. UN data shows that 2.2 billion people lack access to drinking water, posing serious risks to their survival and sustainable development.

Water scarcity restricts agricultural and industrial production, negatively impacting economic growth. This will cause greater challenges to the humanity.

**Food Security:** The issue of food security is affecting numerous countries. Currently, 820 million people are suffering from food shortages. Factors such as climate change, economic inequality, and migration contribute to declining food security.

Disruptions in food supply chains and the reduction of resources negatively affect infrastructure, which in turn leads to significant setbacks in agriculture and the food industry.

**Biodiversity Loss:** The loss of biodiversity represents a serious threat to global ecosystems. According to the 2019 UN report, nearly 1 million species around the world are at risk of extinction. This situation disrupts ecological balance and leads to a decrease in natural resources.

Lost species are mainly disappearing due to human activity, climate change, habitat loss, and high levels of pollution. Addressing this issue is vital for the welfare of future generations.

## CONCLUSION

Currently, global issues have a significant impact on the lives of the world's population. To address challenges such as climate change, poverty, water scarcity, and food security, all countries and social groups must work together. By implementing sustainable development and innovative approaches, we can successfully tackle these problems. Additionally, it is crucial to raise public awareness and education regarding these issues. Only through inclusive and multi-faceted approaches we can resolve global challenges.

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