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Global Diplomacy on Climate Change as an Environmental Issue

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Abstract

In this era, climate change issue has become a crucial topic globally due to its great impact on the world as well as making human beings feel inconvenienced due to unpredictable weather changes. In this case, due to the fact that it happened in all countries in the world, global cooperation is required to solve this problem. Thus, global diplomacy is the important key to realising global cooperation. This research aims to explain the importance of global diplomacy on climate change as an environmental

issue. As a qualitative explanatory research method, primary data is obtained through interviews while secondary data is obtained through available data including previous interviews, reports, and literature reviews. The result of this study shows that global diplomacy is required due to its collaboration among countries which can help each other fill the gap as developed countries can help developing countries in terms of their deficiency and vice versa.

Keywords: Climate Change, Cooperation, Environmental Issue, Global Diplomacy

Introduction

In the globalisation era, there are a plethora of new things happening in the world and there are many changes and challenges as well that have to be faced by society as well as government to solve it. Along with the positive effects of ever-improving technology, such as social media, internet networks, and other new conveniences that the public can enjoy, this sophistication has also had unfavourable effects, such as the rise of hackers and personal data thieves who commit numerous crimes within the community. The rise of this expertise may potentially be detrimental to government operations, particularly in nations using online presidential election systems. However, as the number of people on Earth rises, so does the use of petrol and oil, which raises petrol emissions and worsens the state of the climate globally.

United Nations stated that the single greatest hazard to human health is climate change due to its impacts on air pollution, sickness, harsh weather, forced relocation, mental health strains, increasing hunger, and inadequate nutrition in areas where people cannot grow or get enough food, the effects of climate change are already having a negative influence on people's health. In this case, according to data from UN, fossil fuels, such as coal, oil, and gas, are the primary cause of climate change worldwide as they account for the majority of greenhouse gas emissions and carbon dioxide emissions. Global warming, then, is the result of the earth warming more quickly than usual, which affects the balance of nature, puts human lives in danger, and so on (UN, 2023) ^[15].

The need for state cooperation is growing. The post-Cold War period and globalisation need governments to cooperate in order to achieve shared global objectives. The conflict between collective and national interests is intensifying. A state's function as a lone actor is no longer important (Dermawan, 2020) ^[4]. As a global phenomenon that has an impact on global society, international cooperation is one of the best ways to help realize global goals due to the fact that the state cannot only concentrate on constructing its own defence, and as a result of globalisation, actors are required to accomplish worldwide objectives that advance the idea of a pluralist society (Rofe, 2016) ^[14]. Thus, global diplomacy to solve the climate change problem is hypothesised as a crucial thing to be discussed.

However, the main goal of foreign policy is to advance national interests in terms of security, international development, conflict resolution, and economic growth. It is designed to fortify ties between nations. The tenets of foreign policy include the social dimension of human rights, political promotion of democracy, and commerce to trade, which is a component of the economic side (Khairunnisa, 2022) ^[7]. In this case, global diplomacy is considered necessary to overcome increasing climate change. This research aims to explain the importance of global diplomacy between countries to overcome significant climate

change, which is part of an environmental issue that has a significant impact on living things. On the other hand, previous studies have not discussed about this topic explanatory which also stands as a novelty in this study.

Research Method

The explanatory qualitative research method is utilised in this study to explain widely the research results about why global diplomacy is important to solving the climate change issue that happened worldwide without any quantitative data. The data was provided with primary data that was obtained through interviews with other scholars who are experts in international relations and international security. On the other hand, the secondary data sources through literature reviews, previous reports, as well as studies or papers are then reviewed and assisted by the diplomacy concept utilised in this research therefore clear research conclusions could well be produced. On the other hand, the triangulation approach was utilised to examine the accuracy of the study data.

Result and Discussion

Climate Change as an Environmental Issue

Erratic climate change is a worldwide phenomenon that results from human activity gone wrong, which produces emissions and makes global warming appear to be happening much quicker than it actually is. Since variations in weather patterns like temperature and precipitation have a significant impact on crop yields, agriculture is one of the industries that is most impacted in this situation. The consequences of changing rainfall patterns, rising temperatures, and CO₂ fertilisation differ depending on the crop, the area, and the degree of parameter change. It is well known that rising temperatures lower yields; conversely, increased precipitation levels also lower yields, possibly offsetting or lessening the effects of rising temperatures (Malhi *et al.*, 2021)^[9].

Climate change has a big influence on the economy as well, particularly for underdeveloped nations where agriculture is the main source of income. The impact of climate change on the economy and the absolute value of the production elasticity of the border decreased as the temperature dropped and the amount of rainfall rose. Furthermore, there was a favourable correlation found between capital investment and climate change. Economic development was badly influenced by the greater temperature volatility (Lu *et al.*, 2019)^[8]. In addition, various population groups that are directly impacted by climate change and are geographically more vulnerable are also impacted. These groups also face challenges related to a lack of resources, information, and protection regarding mental health issues, which can have an impact on productivity due to the fact that certain mental illnesses are more particular in connection to unusual weather circumstances, while others are more prevalent (Cianconi *et al.*, 2020)^[2]. As a result, the state of human unproductivity will likewise adversely affect a nation ruled by people in terms of its labour system.

In addition to its detrimental effects on living things, climate change poses major environmental security risks, which have a further negative influence on the nation. In this instance, if the security risks to the nation are not adequately addressed, they will lead to the creation of war triggers. However, its emphasis on ecosystem resilience is seen to be the ideal approach to guarantee fragile species' suitable

ethical concerns in addition to their long-term survival. Obviously, this also applies to future generations and other living things (McDonald, 2018)^[10]. Given the numerous risks to human security in the Anthropocene, diplomacy must now embrace technology as a necessary ally in the pursuit of sustainable development objectives (Chattu, 2022)^[1]. Global diplomacy involving all impacted nations can be the first step towards resolving climate change as an environmental issue. In international relations, the state of national security that is felt internationally eventually has to be handled globally as well.

Global Diplomacy on Climate Change

In an attempt to combat climate change, international initiatives sought to include every country in the world in the creation of legally enforceable, universal accords (Victor, 2016)^[17]. In this case, international meetings held by international organisations such as the United Nations are one of the best places to discuss environmental issues to produce good cooperation between countries in handling this global case, especially against climate change. As part of the actions and attempts to minimise petrol emissions and climate change, the international associations and cooperation that have been carried out will develop international policies that may be performed jointly by every country. This also greatly reduces the negative outcomes that might arise from the phenomena of climate change.

In its application, as what has been done by the international cooperation that established international policy, the carbon market mechanism is one of the UNFCCC's policy tools that is seen to be helpful in addressing climate change challenges on a national and worldwide scale (Robertua & Sihura, 2020)^[13]. The UNFCCC was negotiated in tandem with the Rio Earth Summit's preparations, and the Convention was made available for signing there. As it became evident that the indicative objectives would not be reached, calls for more forceful action ultimately resulted in the Kyoto Protocol, which required industrialised nations to reduce their emissions. The attention had switched to China, where emissions have increased dramatically due to the country's dependency on coal and strong economic expansion. This worry over China's increasing emissions is the reason for the strain India is under. The main contention is that without the major emerging economies participating in the mitigation effort, it is impossible to achieve any fair target for the permitted temperature increase. This pressure from the West was strengthened by worries about worldwide competitiveness (Desai, 2018)^[5].

Furthermore, a variety of learning objectives from the educational programme, such as raising awareness and understanding of the science behind climate change and its possible local and global effects. A few of the initiatives sought to address issues beyond climate change awareness and attitudes (Monroe *et al.*, 2019)^[11]. Due to the fact that one must first comprehend the issue in order to look for a solution, the best solution must be applied in order to find the greatest solution. In this instance, raising awareness of climate change as an environmental concern requires a worldwide effort that begins with education in each nation, particularly those that consent to international collaboration in the environmental sector to address climate change issues. On the other hand, the international cooperation among countries covers a broad spectrum of social, political, economic, and security concerns that influence how nations behave within the framework of the international

community. Analysing a nation's foreign policy and interactions with other countries is an important part of international relations (Munge, 2023) ^[12]. Progress towards the most significant national and international objectives undoubtedly requires competent and visionary political leadership, both to solve pressing issues and persuade the public that advancing global interests frequently depends on advancing national interests (Colglazier, 2021) ^[3]. As a result, the knowledge of how climatic changes may modify or strengthen the tendency for new violence or interact with on-going conflicts has advanced significantly among scholars and practitioners. Research community efforts and policymakers' requirements and experiences may be more closely matched which would accelerate and improve the creation of evidence-based policies to address the problems posed by conflict and climate change (Gilmore *et al.*, 2018) ^[6].

According to some researchers, since climate change is a global phenomenon, effective remedies also need to be global (Underdal, 2017) ^[16]. In the end, learning about climate change may raise awareness on a global and personal level, which can aid in lowering petrol emissions and other factors that contribute to climate change. Many foreign airlines have started to cut back on the gas emissions that are created during flights. On the other hand, the analysis of transportation ticket sales pages, especially flights, has provided information regarding the amount of emissions produced from these flights therefore it can make it easier for travellers who are aware of environmental issues to wisely and easily determine which airline or transportation to use. Thus, in other words, education may be the first step in global diplomacy connected to climate change, raising awareness among all people in the process and facilitating the correct production and implementation of international cooperation.

The global diplomacy is analysed as the most important thing to gain national interest, especially for countries that have identical interests. In this case, climate change as one of the urgent environmental issues will be assisted with the appearance of global diplomacy in which all countries with both developed and developing conditions can cooperate together as well as fill each gap together mutually to fight against it. Nevertheless, one of the difficulties that collaborating nations will encounter in resolving the climate change issue is the emergence of environmentally unfavourable companies run by the government. The profits from the business will fall as a result of international policy relating to climate change policy since we are a human-led nation. Nonetheless, the superpowers will continue to make up the majority of contributions to international policy; for this reason, global diplomacy is still necessary and hasn't been supplanted by any other strategy.

Conclusion

It is clear and concluded that due to the detrimental effects that climate change has on all people worldwide, managing it as an environmental issue requires global strength, which may be achieved via international collaboration. For this reason, global diplomacy is crucial. Because the effects of unpredictable climate change are essentially felt not just in the agricultural sector but also in a number of other areas, such as mental health, they have the potential to disrupt the nation's work system, which is also a result of human activity, and lower productivity. In terms of how to handle

it, public education on environmental issues may be implemented globally to increase everyone's knowledge of the need to cut back on activities that cause petrol emissions. Numerous airlines and airline ticket sales pages have also taken this action, offering information about the number of petrol emissions generated by a single flight on each airline. This enables travellers to make informed decisions about the mode of transportation they will use throughout their trip. International policies resulting from international cooperation are also very important to support the achievement of international interests. On the other hand, it is hoped that future research can further examine the effectiveness of global diplomacy in dealing with environmental issues, especially climate change and other matters in the future related to diplomacy and climate change issues.

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