Name

Professor name

Subject

Date

Warming on earth is caused by human activities

Most of the global warming experienced by the planet earth is linked to human activities. The scientists have been findings reasons for justifying the reasons behind climate change. These changes can be attributed to global warming that reached alarming levels in the recent decade. One of the controversial debate revolving around the topic is; whether it is the result of natural reasons or human activities. It is important to answer this question because activities linked to humans can be controlled while natural reasons are beyond human control. The argument claims that the profound cause behind global warming is human involvement in high-level of carbon emission that threatened the climate. As human beings are responsible for global warming, by changing their behaviors it is possible to protect the climate.

Use of fossil fuel contributes to carbon emission that results in global warming. Scientists have determined the association between fossil fuel burning and carbon emission. For centuries fossil fuels have been used for generating energy require for propelling cars, electricity for homes and factories. It is also revealed that oil, gas and coal are still fulfilling 80 percent of the energy need. Irrespective of these facts society is still inclined to derive their energy need from fossil fuels because states have not taken adequate measures for eliminating its use. Consumption of fossil fuels extracts a massive toll on human beings and the environment. It has been the root cause of air and water pollution that leads to global warming (Driscoll). Human beings are using electricity and travelling daily for commute, education and other purposes. These activities exhibit the dependence of people on fossil fuels. Although much research has been done for providing the link between fossil fuels and climate degradation little efforts are made in eliminating negative human behaviors. The society is unaware of the price that they are paying for their increased dependence on fossil fuels. The argument claims that by controlling human activities such as switching to clean energy it is possible to control the threats of global warming (Climate).

People are negligent towards climate change that further increases the risks of global warming. The argument claims that although it is possible to change the behaviors of people that will help in protecting the climate but they are unwilling to take any responsibility. Such attitudes from humans have further raised the risks of high global warming. Leiserowitz (2004) claims that human activities have been the causes of climate change. “Global climate change has been described as a prototypical example of a class of “hidden hazards” risks that, despite their serious consequences for society, generally pass unnoticed or unheeded until they reach disaster proportions” (Leiserowitz). The text indicates that the society has not been able to control global warming because of inadequate political actions and society’s role. Extreme weather events have been occurring throughout the world but little efforts are made for controlling the issue. The argument claims that the risks of climate change are further increasing because nothing is done for eliminating them. Evidence suggests that the occurrence of natural calamities like hurricanes and earthquakes are also influenced by human activities that are linked to global warming.

Variations in solar activity are influenced by the burning of fossil fuels. Due to the increased burning of fossil fuels for the last two decades, the temperature is rising more rapidly due to the extra warming from the sun. “The solar flare produces a remarkably similar response in the observed 150‐km echoes and simulated electron densities” (Pedatella, Chau and Vierinen). This indicates that human activities have been the root cause behind solar flare that poses threats of climate change. Scientific evidence confirms the negative role played by humans in causing climatic destructions. Growth of carbon dioxide concentration is raising global temperatures that would make for the decline in energy reaching directly to earth from the sun. The role of the sun in climate change can be understood by understanding magnetism. Facts depict that magnetism "drives solar activity and produces most of the Sun's features, including the solar storms that buffet Earth's atmosphere” (Socas-Navarro). This indicates that climate change is the result of changes in earth temperature.

Providing awareness and education to the community can be effective in controlling global warming. The argument claims that human activities have been the central cause of climate degradation so it is possible to mitigate the challenges by adopting adequate measures. Awareness can be effective in teaching society about the repercussions of fossil fuels consumption and other activities that increase the threats of climate change. The study of USAR focused on determining practices that could help in protecting the climate. The critical analysis and scientific evidence prove the link of carbon emission with human activities. Findings depict that “mitigation involves attempts to slow the process of global climate change, usually by lowering the level of greenhouse gases in the atmosphere” (UCAR). The most common solution to ending global warming is by reducing carbon emission. This confirms that human beings play a central role in environmental degradation.

Adaptation is a prominent reason that resulted in climate change, based on human activities. The argument claims that human beings have always been engaged in efforts for surviving with environments. These actions have increased the risks of global warming. There are different reasons for adaptations such as some changes are initiated by government policies. Technological advances are considered as a dominant reason for these adaptations. It has been the cause of the industrial revolution as it providing opportunities for new businesses (Bowman and David). Green technology is a new concept promoted by the environmentalists for addressing the issue of climate change. This again proves that the changes in climatic temperature and global warming is due to evidence depicts that “warming will make the world worse for us in the forms of famine, disease, economic tolls, and refugee crises” (Irfan). This is due to the careless attitude of human beings towards the environment. Still, hundreds of trees are cut each day for economic gains. The society is facing high risks and needs to take immediate actions.

It is in the hands of people to save the environment. The argument states that because a larger part of global warming is initiated by human activities, it can be eliminated by taking certain actions. Environmentalists and scientists can “invent ways to get greenhouse gases out of the atmosphere – for example, planting trees that absorb CO2 from the air is an example of one such strategy. These two methods are usually thought of in combination” (UCAR). According to this claims planting trees and investing in green projects is an important way of controlling climate change. Every citizen can be part of this initiative. This requires building state policy such as planting 1000 trees in one month. This strategy requires involving humans by making them realize their responsibility towards the environment. Scientific evidence has revealed that trees are a major source of absorbing carbon dioxide. By planting trees it would be possible to remove carbon dioxide that contributes to global warming.

Limiting the use of energy can protect the climate. Evidence depicts that human activities such as the use of energy have been a dominant cause behind carbon emission. By changing the behavior of citizens the government can attain its mission of reducing carbon emission. This required encouraging them to cut their energy consumption at homes and officers. They can also be encouraged to minimize their travelling for cutting the use of fossil fuels. By taking these measures at the global level, warming can be controlled. Industries can also be made responsible by restricting them from using fossil fuels and electricity. Green projects can be adopted for mitigating the direct risks of carbon dioxide associated with the use of conventional energy methods (Bowman and David) The argument claims that the collective responsibility of the state, people and firms can help in saving climate because humans are responsible for global warming. The role of firms can be understood by considering their involvement in the release of chemicals that are converted to water and air pollution.

Scientists are studying changes in geography, and the atmosphere and what is provoking phenomena that are different from what had happened until today. However, it can be deduced from scientific facts that rise in temperature is attributed to human activities. Direct engagement of humans in the exploitation of resources is linked to climate degradation. The prominent cause identified in the case of global warming is human reliance on fossil fuels. The burning of fossil fuel is recognized as the significant cause of carbon footprint that leads to global warming. To mitigate these challenges it is essential to spread awareness and take initiative for changing human behaviors. By cutting fossil fuel consumption and minimizing energy use it is possible to the reduced amount of carbon emission that is essential for saving the climate.

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