Name

Course

Instructor

Date

How much responsibility does the field of global warming bear for causing the onset of the Anthropocene?

**Introduction**

Anthropocene is an idea brought around by the scientists who claim that the earth is entering in a new epoch in accordance to the geological history. Scientists argue that the earth has been significantly been altered through human activities. As a result, certain changes have been witnessed. They include global warming, loss of habitat, the chemical composition of the atmosphere change, animal extinctions and even changes in the compositions of oceans and soils. Although this new epoch has not yet been declared scientists say that it is already present. The main question being how have geology contributed to the situation.

Humanity impact on the earth has been felt. Human beings are seen as the caretakers of the earth but some of the activities they have undertaken have resulted in what we now refer to an Anthropocene. The state of the planet that involves climate change to environmental degradation has all been affected by human activities(Rockström, pg.472). One of the areas that human activity has impacted most is on the state of the planet. Human beings have invented greenhouses whereby the gas produced from them is now concentrated at the atmosphere. Industrial processes that they undertake and fossil combustion have increasingly been concentrated in the atmosphere as well. These actions have caused the heat to be trapped on the earth. As a result, there has been a rise in global temperatures. Due to the rise of temperatures there have been animal extinctions changing the natural makeup of the planet. Although climate change has contributed much to the change on our planets, it is not the only thing bringing in this change. Several other activities such as paving roads and damming rivers as also affected this particular change.

Modern technology has been of great impact. In the modern world, people are able to connect easily as well as communicate. Through innovations, humans have been able to come with better ways that one can improve crop growth to cater for the growing population. Through these innovative ideas, people are able to plant crops from water sources as well as control the temperatures(Shellenberger, np). As much as these activities may be bringing an advantage to the human population they are affecting our planet on the other end. The effect they bring in is however negative and if we do not control it then maybe at some point the natural beauty of the planet will all be gone and all we shall have are the consequences of climate change. The most important issue is self-awareness of the short term and long term effects we may be about to experience due to our activities.

Through innovation, we are at a position where we can be able to come up with better activities that will put a stop at global warming. The main goal would not be stopping innovations but using it to come to a commitment just as God the creator did. We need to be creative in coming up with techniques that will help solve the problem we have created on the planet(Rockström, pg.472). Some of the activities do not require some much effort all they require is laws and rules. For instance, if we are able to ban the use of plastic bags we may be able to put a stop at environmental pollution. There are suitable alternatives such as make use of recyclable bags. This is one way that we can make use of to stop pollution. Another way would be to make use of the technology to build earth some sunglasses. Innovation has proved that anything is possible. The same case we have been able to come up with ideas on how to improve productivity and human health we are in a position of building these sunglasses. The main agenda behind this would be keep away the glare the sun gives an individual. Another idea would be burying the carbon(Shellenberger, np). There is so much excess carbon dioxide in the atmosphere which is the cause of earth warming. Therefore, being able to bury this excess carbon by either burying it underground in coal or even in depleted oils will act as the solution we are looking for.

**Conclusion**

Climate change has posed the most challenging issue that human beings have to deal with. The risks and uncertainties it present are what makes this whole issue dangerous. Therefore, the anthropogenic signals being presented should be taken in seriously and measures to control it enforced. We have the capacity to make our planet the best and we also need to come to a stop to the activities that are harming it. We all have an obligation of ensuring that we stop environmental pollution and through this, we will have begun the journey that awaits us. We should be able to encourage ethical response towards the crucial warning this new epoch is sending.

Work Cited

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