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ENC Research

Climate change have been ranked one of the most ubiquitous issue in the world. The weather conditions prevailing in an area over a long period is the climate of that region. Decades ago, a change in the climate pattern was identified globally. The scientists of NASA and others around the world declared the presence of greenhouse gases in the atmosphere as a reason for the drastic change in the climate. This change in climate has resulted in the devastation of natural habitats and the declining of various sectors. Scientists and meteorologists suggest mitigation and adaptation as two solutions to climate change. As a result, technological advancements such as geoengineering and artificial leaves are used to adapt to climate change. Lining with that, controlling excess emission of carbon by installing solar panels on rooftops, reducing the dependence on motor vehicles, and bringing greenery back are some appealing solutions to reduce the future impacts of climate change.

To begin with, earth follows a cycle of receiving heat and withdrawing it from the earth’s surface. The presence of excess greenhouse gases in the atmosphere has disrupted this cycle, as a result, the heat gets prevented from escaping the earth's surface. The excess amount of greenhouse gases in the atmosphere is due to human activities such as burning of fossil fuels, deforestation, use of fertilizers, and biomass burning that lead to the production of nitrous oxide, water vapor, and methane, the components of greenhouse gases. According to scientists of NASA, “The blocked heat in the atmosphere causes the change in climate” (The Causes of Climate Change). Human activities are not alone the culprit of drastic changes in climate, natural processes such as volcanic eruption and decaying also plays an important role in climate change. (The causes of Climate Change).

The climate change has led to the devastation of the natural habitats, which is a threat to the sustainability of the flora and fauna. Organisms such as "moose, salmon, American Pikan, sea turtles and polar bears are some in the list of animals who will be extinct from the earth due to the devastation of their natural habitat” (Global Climate Change). The shrinking ice, increasing sea level, wildfire, and droughts have invaded the natural habitats, as a result, animals, and birds migrate long distances in search of food. Elephants, tigers, polar bears and other birds are moving onto agricultural lands and to other human habitats in search of food. The unique species are more threatened by climate change, as their unique habitats will be diminished and therefore lead to the decline of their population.

The type of research I am doing is reading articles and refer documentaries about climate change and how does it affect people in the past, present, and the consequences we are going to face shortly. My initial research question is: What are the steps an ordinary person can take to reduce the effect of climate change? Will these steps make our life better and safe? Due to the effect of climate change countries like Syria and other deserted countries are experiencing a once- in - a century drought, so will it drive more people into poverty?

Works cited:

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