

4.17.2026

Grade 10

The Age of A Faded Green Earth.

A recent photo of the earth has been taken by astronaut and commander Reid Wiseman, who is a part of NASA. Looking at the comparison between the Earth photo in 1972, there has been a complete drastic change. NASA scientists imputed the Earth's duller colors are climate change.



WHAT IS CLIMATE CHANGE?:

Climate change is a long period of temperature shifts and weather patterns. Climate change is surprisingly a natural occurrence. There is a slight change in the sun's activity or large volcano eruptions. This change is caused by human activities that result in these natural occurrences to

frequently occur. Human activities causing climate changes started more frequently in the 1880s and as a result became a great problem around the mid 1950s.

WHAT ARE THESE HUMAN ACTIVITIES?:

Human activities are the actions done by people for the purpose of their entertainment, recreation, or necessity. Human activities that affect the earth are burning fossil fuels, deforestation, industrial pollution, and plastic waste. The process of burning fossils is bad for the environment because it releases toxic gases into the atmosphere. It can trap heat into the atmosphere causing rapid global warming and climate change.

WHAT HAS HUMAN ACTIVITIES CAUSED?:

Human activities are the cause of the air and ocean to be polluted during extreme heatwaves. When the air and ocean are polluted it results in food shortages, flooding, and health hazards. Extreme heatwaves are long periods of high humid weather, a period of high heat and humidity that lasts two or more days. Climate change interrupts agricultural production because it lowers crop yields during long periods of abnormal high temperatures, as well as floods, and increases the amount of pests.

HOW HAS THIS CAUSED THE PLAIN COLOR OF THE EARTH?:

Human activities caused the earth to look less vibrant and colorful because of air pollution, water pollution, and industrial expansion. Deforestation, smoking, and burning fossil fuels pollutes the air we breathe, and breathing polluted toxic air can cause health problems and blacken lungs. Water pollution includes big clusters of trash floating in the ocean, and as a result sea creatures get caught in trash and choke to death. Industrial expansion causes a decline in forests around the world. All of this contributes to the dull colors of the Earth showing the sign that our Earth is slowly dying.



HOW CAN WE HELP OUR EARTH?:

Littering has become a common habit that people ordinarily do. As a result, it pollutes the Earth and harms the environment. To help our Earth achieve its vibrant color back, we should save water, save energy, and recycle. Saving water can reduce high water pollution, preserve natural habits, and maintain the aquatic ecosystem for sea creatures. Saving energy can reduce the demands for burning fossil fuels and reduce other harmful greenhouse gases. Recycling can reduce plastic waste and polluted oceans. When we recycle, plastic can be used again instead of harming the environment.

By contributing to helping our environment, we contribute to bring the Earth back to its original color and keep our planet clean. Doing these things can not only help our planet, but help us. Polluted air is toxic for our lungs, and polluted water won't allow us to drink clean water. The more we help to keep our planet clean, the better living environment we'll all have.