



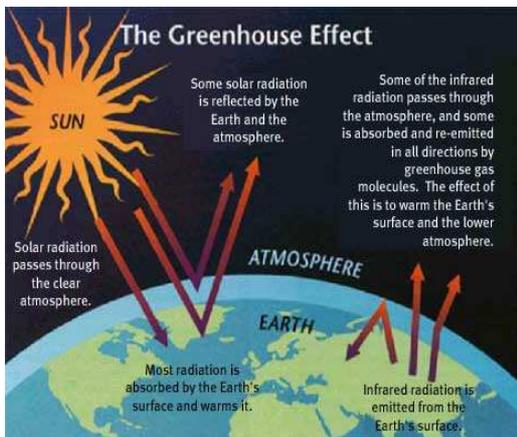
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CLIMATE CHANGE

What is Climate Change?

Climate change refers to the phenomenon that is causing the earth to become warmer which means that our climate and our weather systems are changing. The Earth's climate has changed throughout history. From glacial periods (or "ice ages") where ice covered significant portions of the Earth to interglacial periods where ice retreated to the poles or melted entirely - the climate has continuously changed.



Scientists have been able to piece together a picture of the Earth's climate dating back decades to millions of years ago by analyzing a number of surrogate, or "proxy," measures of climate such as ice cores, boreholes, tree rings, glacier lengths, pollen remains, and ocean sediments, and by studying changes in the Earth's orbit around the sun.

1990s was the warmest decade

1998 was the warmest year

Snow cover is down 10% in the last 40 years

What causes it?

Most scientists now agree that human activity is largely responsible for climate change and that the choices we make today will decide the future of our climate.

Most of the energy we use to heat our homes, for electricity and transport comes from fossil fuels such as oil, gas and coal

When fossil fuels are burned, they release carbon dioxide which is the main greenhouse gas.

Greenhouse gases cause the earth to heat up by trapping the sun's heat in the earth's atmosphere – acting like a greenhouse

How to reduce it?

Reduce, Reuse, and Recycle

if there is a recycling program in your community, recycle your newspapers, beverage containers, paper and other goods. Use products in containers that can be recycled and items that can be repaired or reused. In addition, support recycling markets by buying products made from recycled materials. Reducing, reusing, and recycling in your home helps conserve energy and reduces pollution and greenhouse gases from resource extraction, manufacturing, and disposal.



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