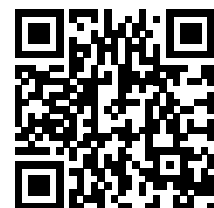


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# Climate Change Impacts



Climate change is a \_\_\_\_\_ issue that affects everyone on the planet. It refers to the significant changes in \_\_\_\_\_ patterns over long periods, primarily caused by human activities. One of the main culprits of climate change is the increase in \_\_\_\_\_ gases, like carbon dioxide and methane, in the Earth's atmosphere. These gases trap \_\_\_\_\_ from the sun, causing the planet's average temperature to rise. This phenomenon is known as the \_\_\_\_\_ effect. As a result, we are witnessing more extreme weather events, such as \_\_\_\_\_, floods, and droughts, which have devastating impacts on \_\_\_\_\_, human health, and economies. Scientists in the field of \_\_\_\_\_ sciences study these changes to understand better and predict future climate conditions. They use various tools and models to analyze data collected from the atmosphere, oceans, and land surfaces. One of the key goals of this research is to find ways to \_\_\_\_\_ greenhouse gas emissions and mitigate the effects of climate change. Educating the public about the importance of sustainable practices is also crucial in combating climate change. By making small changes in our daily lives, like using public \_\_\_\_\_ or recycling, we can all contribute to a healthier planet. It's essential for \_\_\_\_\_, businesses, and individuals to work together to address this urgent issue.

- ecosystems
- governments
- reduce
- hurricanes
- global
- weather
- transportation
- greenhouse
- greenhouse
- atmospheric
- heat