Introduction Global warming is one of the most pressing environmental issues of our time. Industrial processes and agricultural practices that emit methane and other greenhouse gases. This paper explores the causes, impacts, and potential solutions to global warming, providing a clearer understanding of why immediate action is necessary. The Problem of Global Warming Global warming results from the buildup of greenhouse gases in the atmosphere, which trap heat and cause the planet's temperature to rise. Over the last century, human activities have significantly contributed to this process, leading to major environmental and societal challenges. Deforestation, which reduces the planet's capacity to absorb carbon dioxide. It refers to the gradual increase in Earth's average temperature due to the excessive release of greenhouse gases. Proposed Solutions 1. Transition to renewable energy sources such as solar and wind power.3. Implement sustainable practices in agriculture, manufacturing, and daily life.6. Enforce stricter environmental policies and regulations.2.3.4.5.2.3.4.5.