

Problems & Affects

- Car emissions are major contributors to air pollution, which causes effects such as acid rain, smog, global warming and climate change.
- Car emissions produce Greenhouse gases (GHG) such as carbon dioxide (CO2) and water vapor, which contribute to the greenhouse effect that traps heat in the atmosphere, leading to global warming.
- Exposure to car exhaust can cause or aggravate respiratory problems such as asthma and allergies, cardiovascular diseases, and various types of cancer.
- Poorer air quality can also lead to decreased visibility, humidity, and air temperature control.

Car Emissions

Background Research:

Background Research: The combustion of fossil fuels from cars releases a variety of pollutants including carbon dioxide, nitrogen oxides, sulfur dioxide, hydrocarbons, and particulate matter. Carbon dioxide is the primary greenhouse gas associated with motor vehicles, and its levels are rising every year due to an increase in the number of cars worldwide.

Prevention Steps

- Prevention Steps:
- Increase fuel efficiency standards for cars and other vehicles.
 - Encourage the use of electric and hybrid vehicles.
 - Reduce traffic congestion, by better urban planning, public transportation, and incentives for carpooling.
 - Use renewable energy sources such as wind and solar power.
 - Encourage the use of public transportation, reduce vehicle travel time, and use energy-efficient vehicles.

Conclusion

Conclusion:Car emissions are a serious issue that have been linked to many health, environmental, and economic problems. There are various strategies and technologies that can be used to reduce the amount of emissions generated by cars, such as increasing fuel efficiency standards, promoting the use of electric and hybrid vehicles, improving public transportation, and using renewable

energy sources. Reducing vehicle emissions can have a huge impact on air quality and overall public health.