AIR POLLUTION IN DHAKA CITY: ITS SOURCES, IMPACT AND MITIGATION

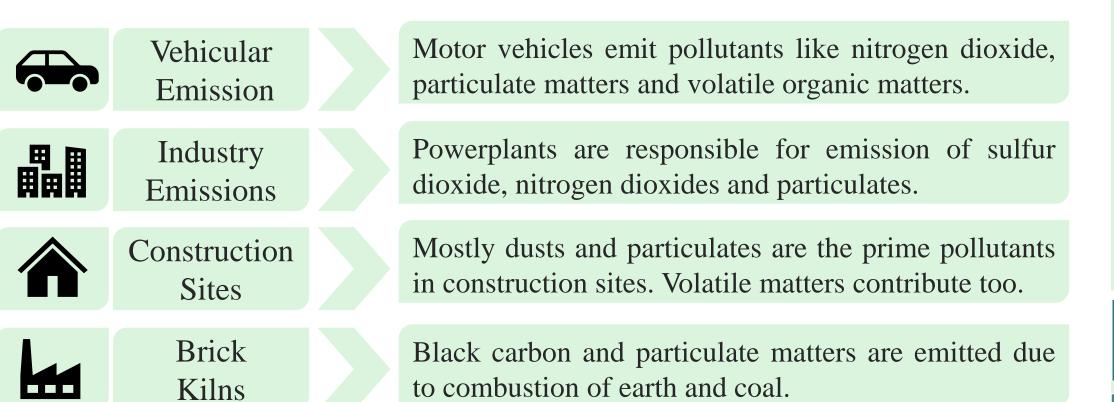
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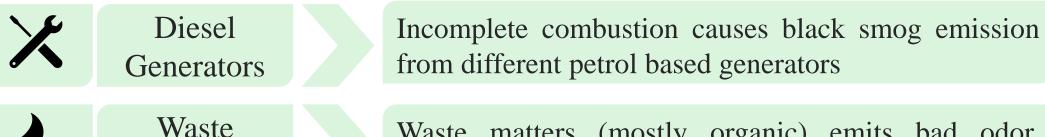
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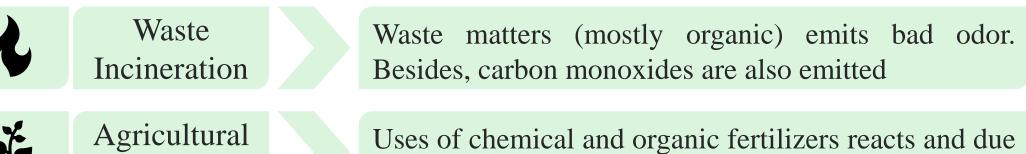
INTRODUCTION

The air we breathe is under attack in today's modern society as a result of excessive air pollution. Cities all across the world, including the busy streets of Dhaka, Bangladesh, are battling the pervasive problem of dirty air. Numerous emissions from cars, factories, power plants, and other types of human activity are carried by the atmosphere, putting us on the brink of an impending environmental crisis.

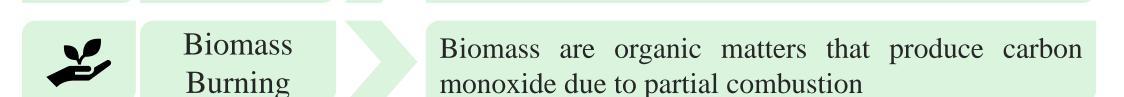
CONTRIBUTING SOURCES





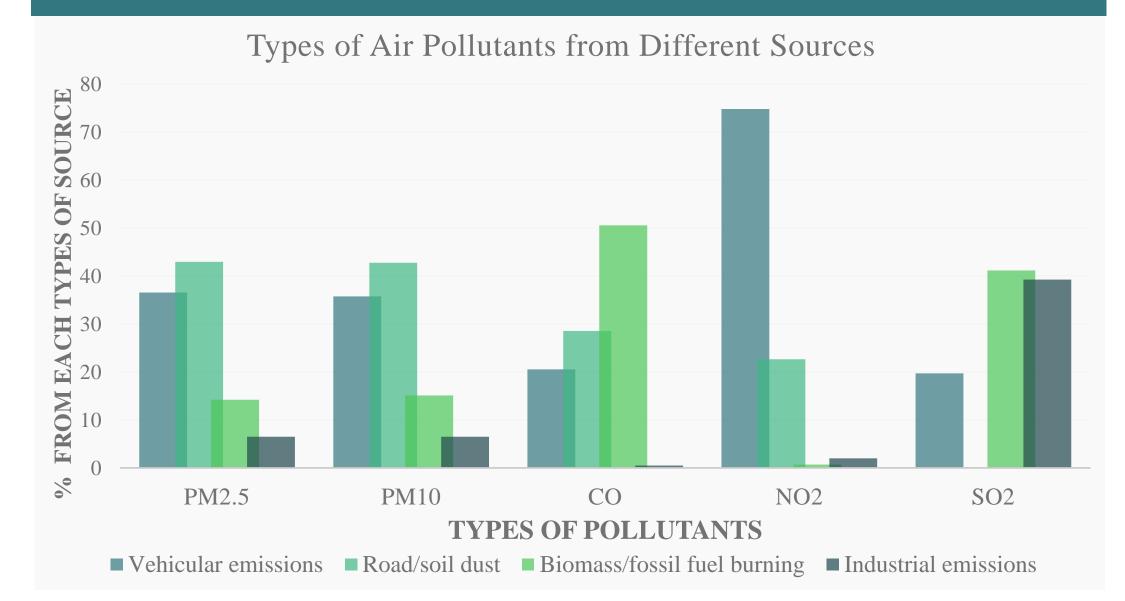


to hydrolysis produces different types of gases.

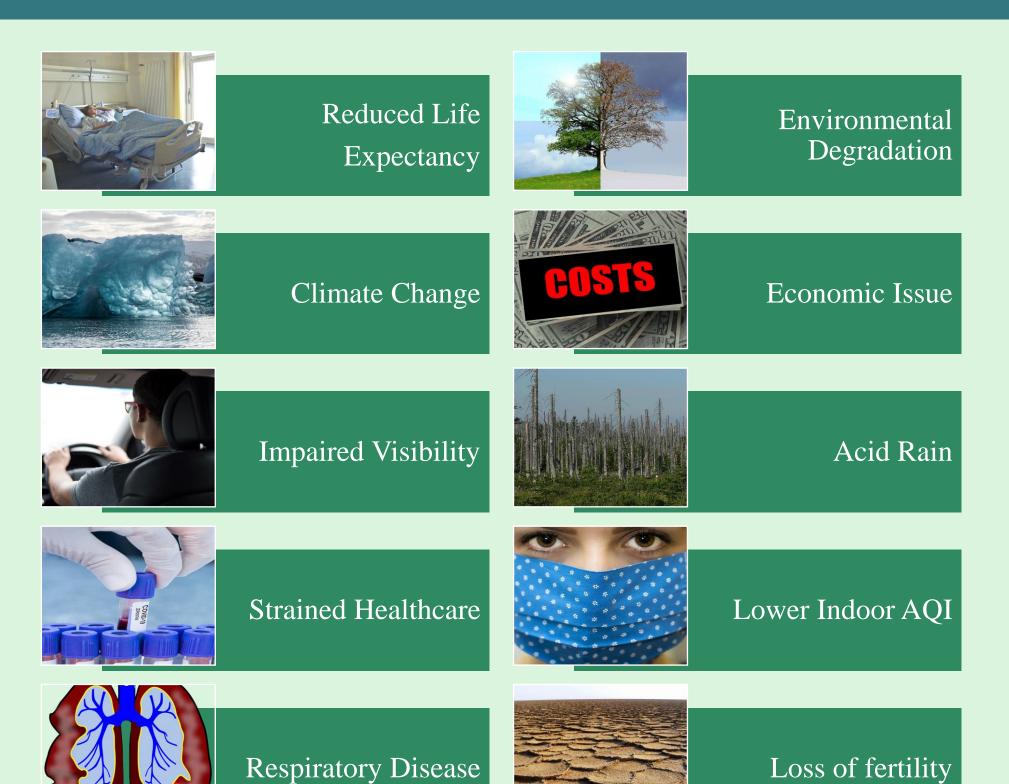


Activities

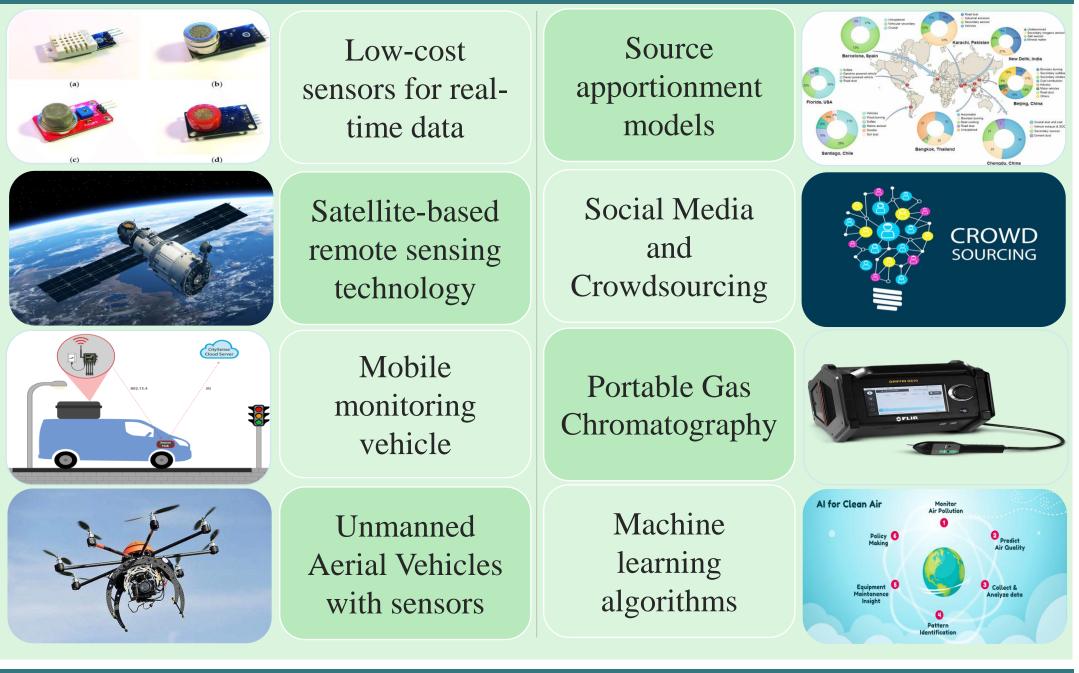
AIR POLLUTANTS DISTRIBUTION



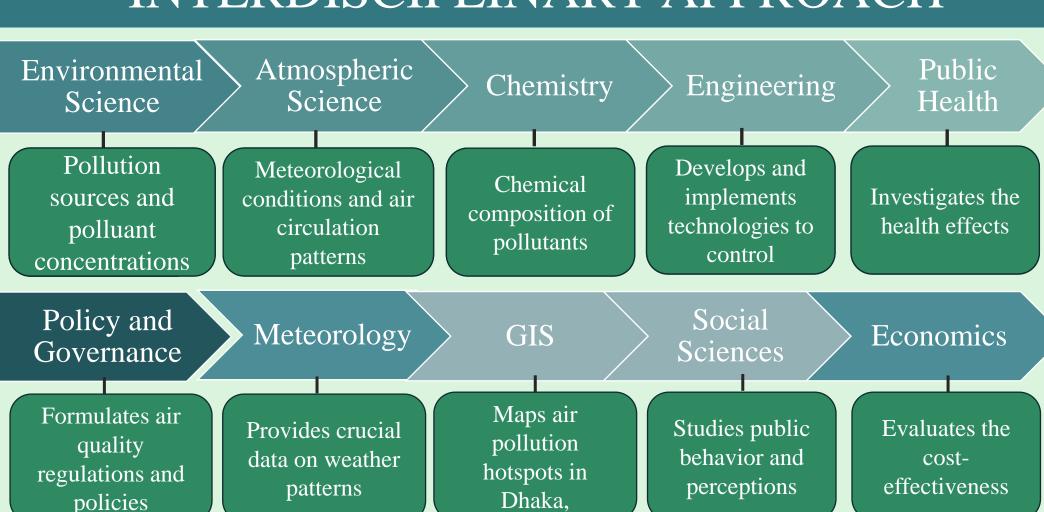
IMPACT OF AIR POLLUTION



METHODOLGY



INTERDISCIPLINARY APPROACH



SOLUTION & POLICY RECOMMENDATION

DOLOTTOT WIT OLICIT TELECTRICATION	
Purpose	Policy
Reduce carbon footprint	Industries and companies should aim to reduce use of different packaging materials
Emission trading system	Allowance of emission can be implemented across companies and made tradable, so a balance can be maintained.
Incentivize Public Transport	Incentivizing public transport by prioritizing them on road will reduce private cars hence reduce emission
Incentivize catalytic converters	Catalytic converter installed vehicles can get tax exempts up to a specific percentage which benefits the environment
Implement Green building codes	Implement green building codes and provide incentives for energy-efficient building constructions.
Solid Waste Management	Strengthen solid waste management systems to reduce open burning and promote recycling and waste-to-energy initiatives.
Air Quality Index Regularization	Establish and enforce comprehensive air quality standards and regulations, including emission limits for vehicles, industries, and other pollution sources, to ensure compliance and reduce pollution levels.

CONCLUSION

An urgent global concern that has an impact on both the environment and human health is air pollution. The difficulties faced by highly populated cities struggling with dangerously high pollution levels are best illustrated by Dhaka City, which is representative of many urban centers. Reductions in life expectancy, cardiovascular disease, and respiratory conditions are some of the detrimental effects on human health. In order to ensure a cleaner, safer, and healthier future for everyone, the conclusion underlines the need for collaborative action, cleaner technologies, and sustainable habits.

REFERENCE

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- Air Pollution in the Capital City of Bangladesh: Its Causes and Impacts on Human Health, Khuda K. E. (2020)
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