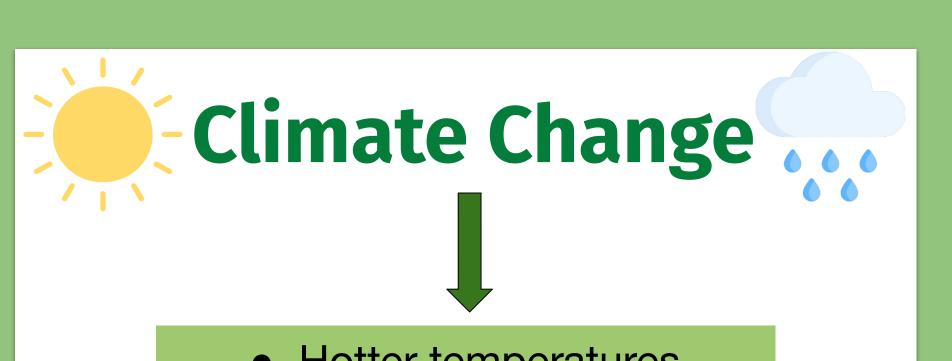


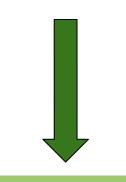
The Disproportionate Effects of Climate Change

Rowan Erickson, Violet Saena Palo Alto High School





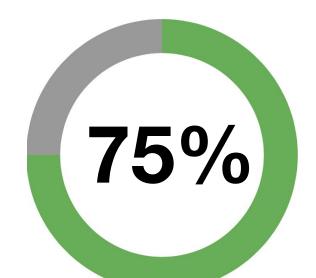
- Hotter temperatures
 - Air pollution
- More frequent & severe storms & heat waves
 - Drought
 - Rising sea levels
 - Biodiversity loss
 - Health Risks



- Ocean warming & acidification
 - Flooding
 - Diseases Wildfires
- Irregular weather patterns

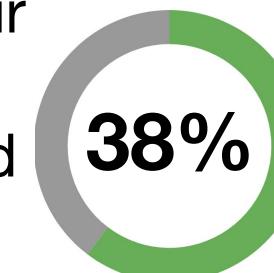


DATA AND FINDINGS



African Americans are 75% more likely than White people to live in fenceline communities

African Americans breathe air with 38% more pollution than Whites and are exposed to 56% more pollution than they cause



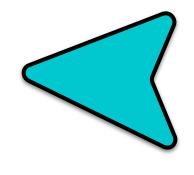


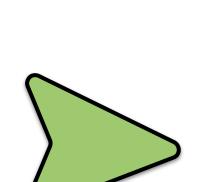
The progression towards combating climate change is in full force, but not enough is being done.

IMPLICATIONS AND

NEXT STEPS

To get a cleaner planet with more equity, governments must provide incentives.





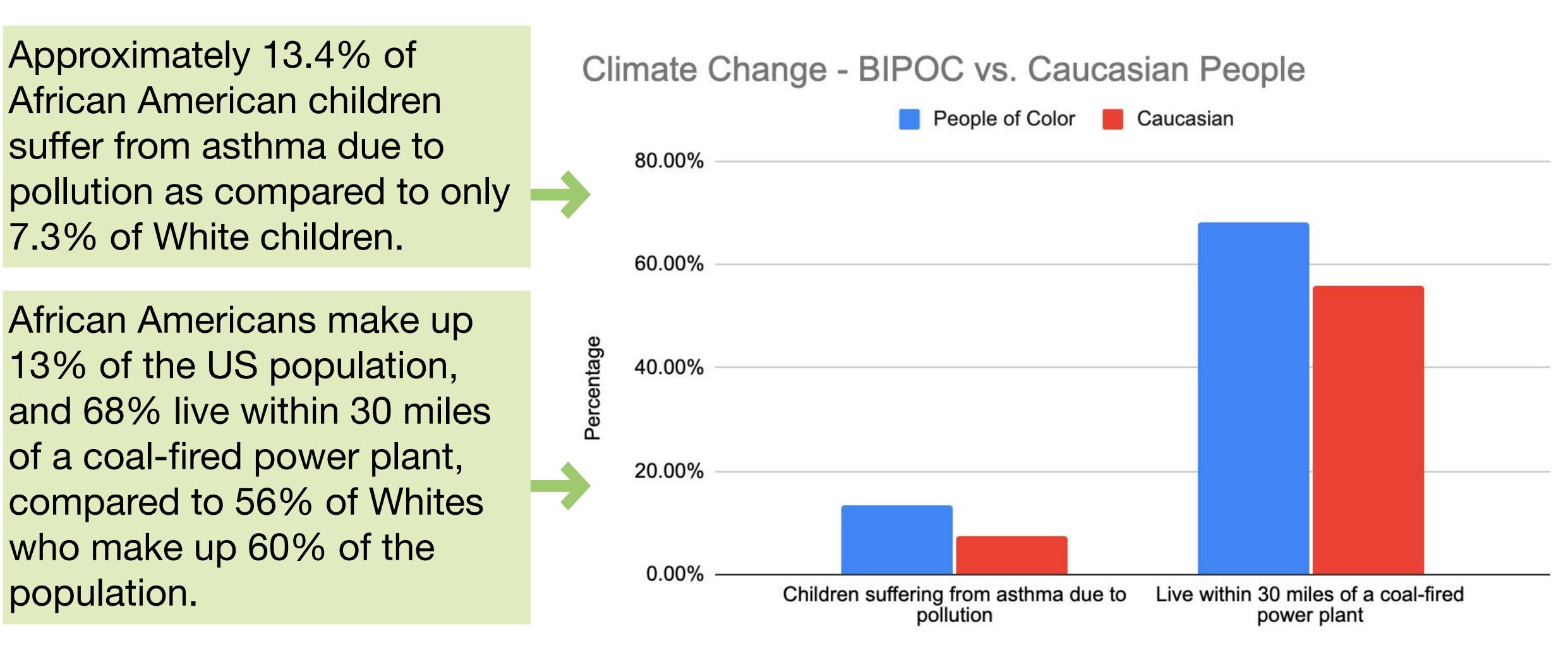
Actions:

- Save energy
- Switch to renewable energy





Spread awareness





RESEARCH METHODOLOGIES



Approximately 13.4% of

African American children

suffer from asthma due to

African Americans make up

13% of the US population,

of a coal-fired power plant,

who make up 60% of the

population.

7.3% of White children.

The inquiry approach used was descriptive research to gather quantitative data.



The data collection tools used were databases and texts mainly retrieved from sources including american.edu, greenamerica.org, and cdc.gov.



The data analysis techniques used included descriptive and inferential statistics to summarize the data.

CONCLUSIONS AND ANALYSIS

- After extensive research, it can be concluded that low-income communities and communities of color are disproportionately victimized by environmental hazards and are far more likely to live in areas with heavy pollution, are more susceptible to flooding, and are more likely to die of environmental causes.
- Poor families and people of color have done the least to create the climate crisis, and yet, they're paying the greatest price.



ACKNOWLEDGEMENTS

Thank you to Ms. McDaniel, Caroline Beckman, and mentor, Violet Saena, for all their support and guidance throughout this research project!

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