

TELL US A CLIMATE STORY!

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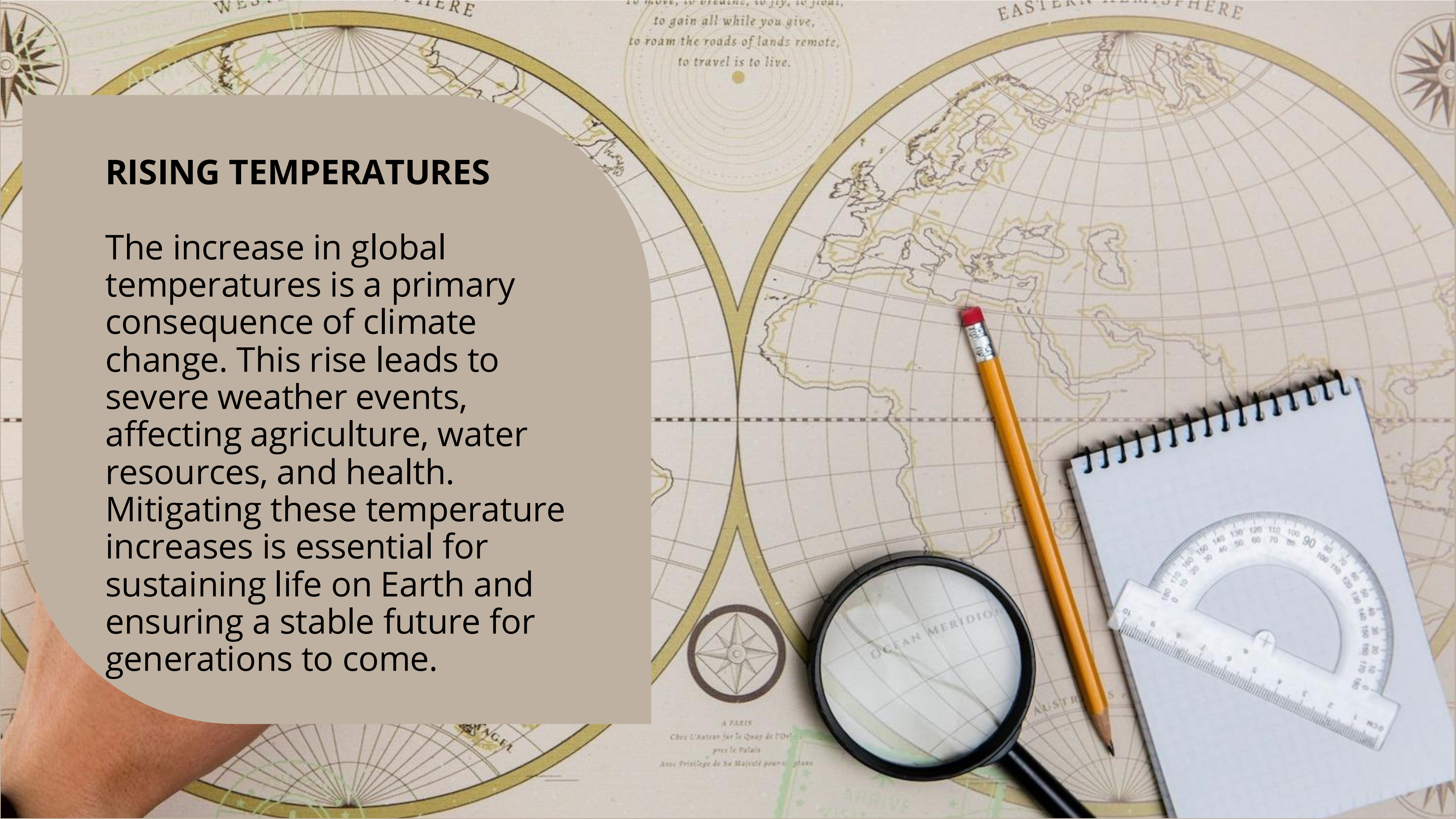


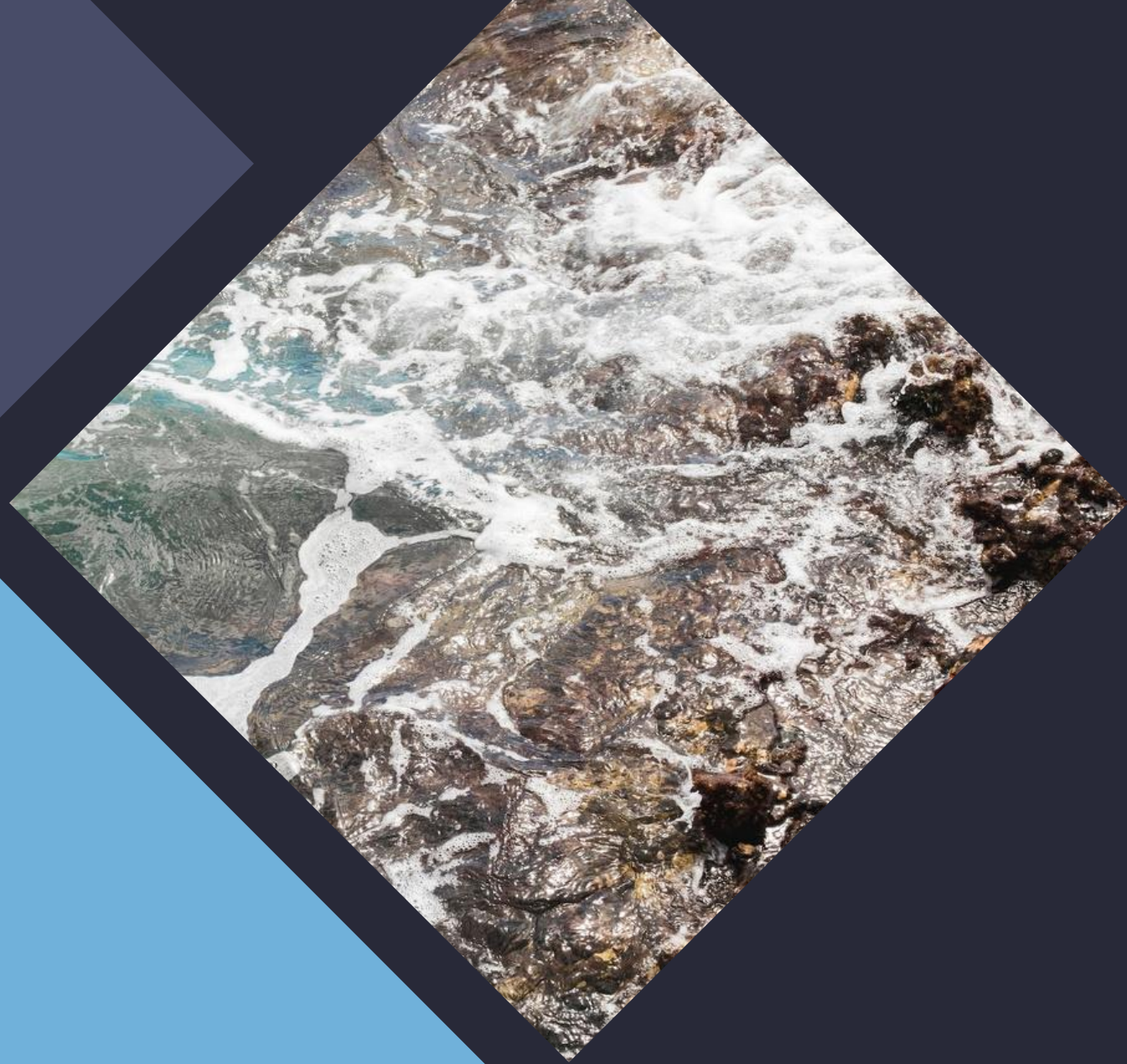
Introduction to Climate Change

Climate change represents a significant threat to our planet, influencing ecosystems, weather patterns, and human livelihoods. This presentation will explore the unfolding narratives surrounding climate change and its profound impact on our environment and society. Understanding these implications is crucial for fostering effective responses.

RISING TEMPERATURES

The increase in global temperatures is a primary consequence of climate change. This rise leads to severe weather events, affecting agriculture, water resources, and health. Mitigating these temperature increases is essential for sustaining life on Earth and ensuring a stable future for generations to come.



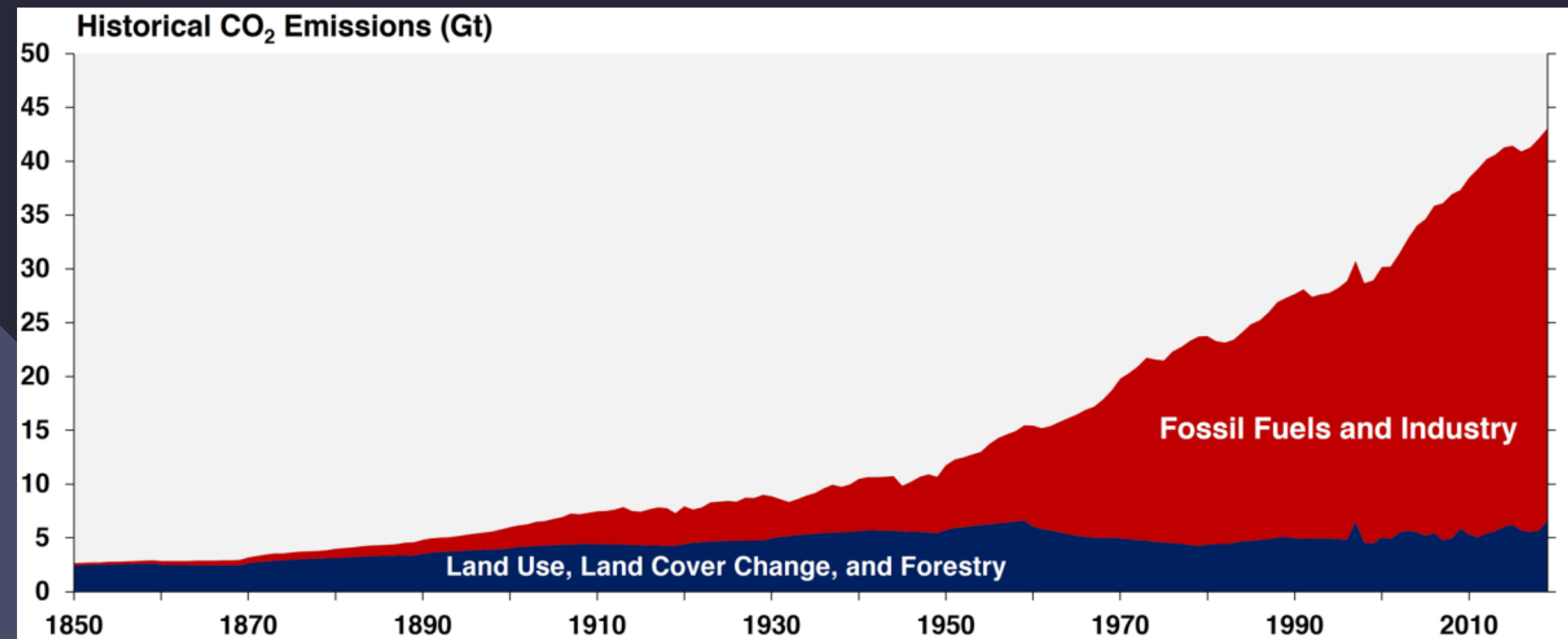


Melting Ice Caps

The melting of polar ice caps is a stark indicator of climate change. This phenomenon contributes to rising sea levels, threatening coastal communities and ecosystems. Protecting these vital regions is critical for maintaining biodiversity and preventing catastrophic environmental shifts.

Impact on Biodiversity

Climate change significantly impacts global biodiversity. Many species face extinction due to habitat loss, altered weather patterns, and changing ecosystems. Conserving biodiversity is essential for ecological balance and the resilience of our planet against future climate challenges.



Human Health Risks

The implications of climate change extend to human health. Increased pollution, heatwaves, and the spread of diseases pose significant risks. Addressing these challenges requires a comprehensive understanding of how environmental changes affect public health and well-being.



SUMMARY

Climate change refers to long-term shifts in global or regional climate patterns, mainly driven by human activities such as the burning of fossil fuels, deforestation, and industrial processes. These activities release greenhouse gases (GHGs), such as carbon dioxide (CO₂) and methane (CH₄), into the atmosphere, trapping heat and causing the Earth's average temperature to rise—commonly known as global warming.

REFERENCES

<https://earth.gov/ghgcente>

<https://science.nasa.gov/climate-change/>