

Understanding Climate Change:

Impacts and Solutions



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Introduction to Climate Change

Definition of climate change:

Climate change is the long-term alteration of Earth's climate, largely due to human activities like burning fossil fuels and deforestation.

Causes are: *Greenhouse Gas Emissions, Deforestation, Industrial Processes, Agriculture, Land Use Changes, Waste Management*



Evidence of Climate Change

- Temperature rise
- Melting ice caps
- Extreme weather events
- Rising sea levels
- Ocean Acidification
- Glacial Retreat



Impacts of Climate Change

Environmental
impacts
(loss of biodiversity,
habitat destruction)



Economic impacts
(agricultural losses,
property damage)



Social impacts
(displacement,
health effects)



Solutions to Climate Change

- *Renewable energy adoption*
- *Energy efficiency measures*
- *Reforestation and afforestation*
- *Sustainable agriculture practices*



What can you do?

- Reduce , reuse , recycle
- Energy conservation at home
- Encouraging and informing others



The background features a decorative pattern of hexagons in various shades of green and blue, arranged in a honeycomb-like structure. The hexagons are of different sizes and are scattered across the dark green background, with some appearing more prominently than others.

Take action today!

Thank you for your attention