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**

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



### **Impacts of Climate Change**

Environmental impacts (loss of biodiversity, habitat destruction)



Economic impacts (agricultural losses, property damage)

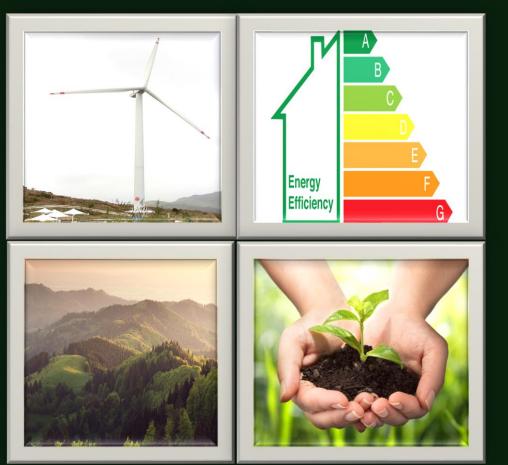


Social impacts (displacement, health effects)



## 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



# Take action today!

Thank you for your attention