



Climate Change Florida, USA

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Questions.

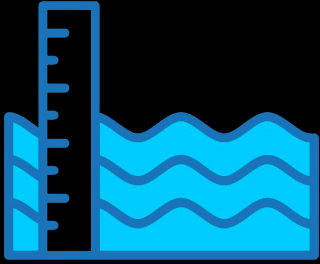
1. What is climate change?
2. Who does climate change affect ?
3. How can we fix it ?



01

Changes in Climate

Changes in Climate



Sea Level Rise

The sea level is rising at a faster pace, and Florida is up to 8 inches higher than it was in 1950.



Heat

Florida has seen an average decade temperature increase of 1.6°F (0.9°C) since 1895. But since 1950, the pace has increased, rising to 3.5°F (1.9°C), above the global average temperature of $+2.7^{\circ}\text{F}$ (1.5°C).



Flooding

Flooding is very common in Florida. Last Flood happened on 13 April, 2023 in Florida due to extreme rain.

02

How does it occur?

What makes climate change?

Location

Florida's location near the equator and low elevation makes it more at risk to climate change with its high heat and rising sea levels.



Human Activities

Human activities like deforestation, burning fossil fuels, release of greenhouse gases. These activities can lead to hotter climate which will melt any ice and evaporating it which can cause rain and flooding.



03

Who climate change affects

Who does climate change affect?

1. Low-income communities: People living in poverty often lack the resources to adapt to or recover from climate-related disasters, making them particularly vulnerable to the effects of climate change
2. Children and youth: Young people are more vulnerable to climate change impacts due to biological sensitivities and increased exposure through outdoor activities
3. Elderly populations: Older adults are at higher risk from climate change impacts, particularly due to their greater sensitivity to extreme heat and contaminants, as well as a higher prevalence of pre-existing medical conditions

04

The effects of climate change

Effects of climate change on us

Serious health issues

Heat is a major problem because Florida (especially in South Florida) is the **3rd most populated state in USA (over 22 Million people)** and it is near to the equator. It can lead to Heat-related fatalities, respiratory diseases, and heat stress.

Fatality from natural disaster

Even though the coast is beautiful, it is extremely dangerous. The potential for disasters like sea level rise and flooding is too high because of heat, which expands water molecules and causes sea levels to rise.



05



What we can do about it?

What we can do about it

- **Renewable Energy** - By Using renewable energy source can impact a lot with reducing greenhouse gases
- **Transportation** - By Using public transportation and electric vehicles are very helpful for overall environment
- **Education** - By Educating children in school about how to address the climate change
- **Trees** - By Deforestation is getting common because people don't care about trees
- **Law** - By Implementing some laws related to climate change can help reduce the impact of climate change



Conclusion

In the end, not only Florida but many other places have the same issue. But, it can be solved. Climate change is a global issue that requires collective action from all nations. By adopting environmentally friendly practices and reducing carbon emissions, we can work towards reducing the impacts of climate change on some vulnerable regions.



Resources

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THANK YOU