Coastal Catastrophe

Rising Sea Levels and Effects on Coastal Regions

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Problem:

Sea levels are rising rapidly, destroying coastlines and their communities.

Increase in CO_2 emissions

Rise in global temperatures

Glaciers and ice sheets melt

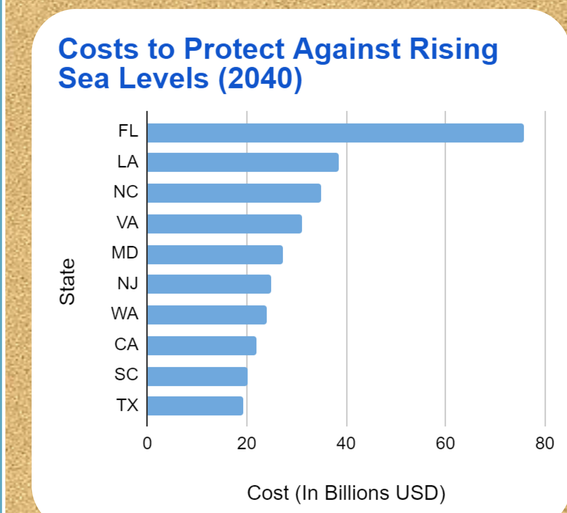
Seawater expands

Sea Levels Rise

Flooding, coastal erosion, loss of life/property

Goals:

- Inform and educate
- Find potential solutions



Methods:

- Researched a variety of communities
- Obtained data on costs and sea level rise
- Interviewed scientists

Solutions:

Sea Walls

The construction of large coastal barriers to protect communities from increased sea levels.

Updating Infrastructure

Updating buildings and roads to meet future sea level standards can limit damage.

Ecosystem Restoration

Restoring natural ecosystems to protect the coastline and surrounding communities

Relocation

Migrating a community or certain homes to a new and safer environment.

Are you at risk?

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