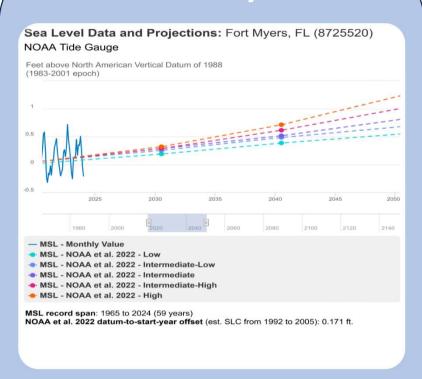
Rising Tides: What projections of sea level rise tell us about the future

Rising sea levels have many effects on costal regions. Specifically, the Fort Myers Beach are is a risk of seeing sea level rise upwards of a foot in the next 25 years. This can lead to many different issues for ecosystems and the entire population at large.



Sea Level Projections



The graph above shows low, intermediate, and high projects for sea level rise from 2020 to 2050. As depicted the graph even the middle value shows a foot of rise. Currently, Fort Myers Beach is 3 feet above sea level. While a change in one foot of sea rise might not appear to have an immediate effect on our daily lives it could cause damage to indigenous ecosystems.

NOAA (National Oceanic & Atmospheric Administration)

Effects of Sea Level Rise

Costal Flooding



As sea levels rise costal cities are at greater risk of being flooded.

Habitat Loss



Sea level rise can lead to the destruction of costal ecosystems.

Saltwater Intrusion



Flooding can lead to saltwater intrusion causing contamination of freshwater aquafers.

[iii] Displacement of Populations



As a result, from flooding people can be forced to migrate to a new location.

[iiii]

References

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[iiii] AP News. (2022, October 28). UN: Flooding in West, Central Africa displaced 3.4M people. AP News. https://apnews.com/article/floods-chad-niger-migration-nigeria-215c7e63f7168f660b735714610877bb