

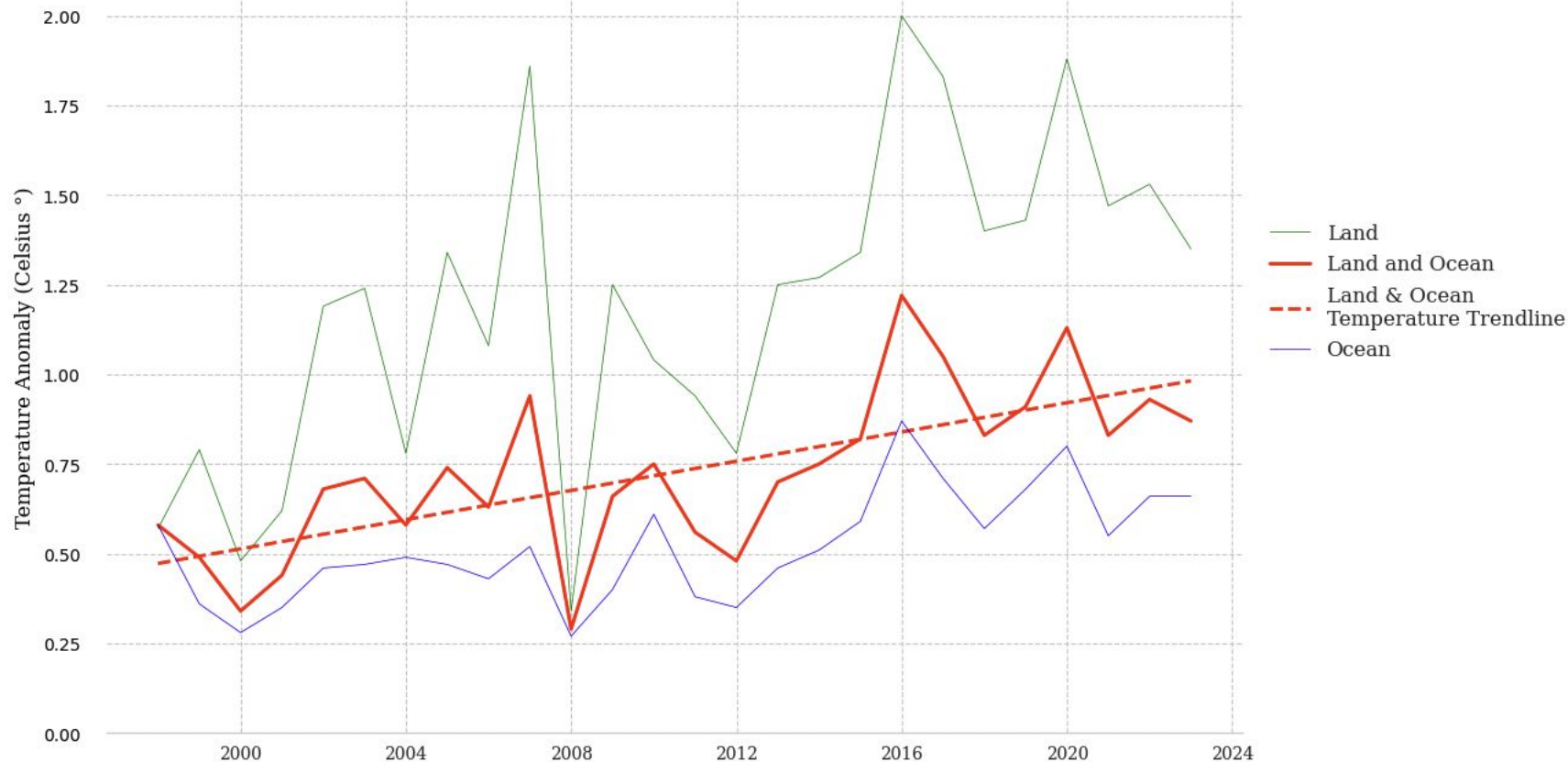
What Is The Effect Of The Earth's Temperature on Cyclonic Storms?

A Graphical Story by Umer Farooq

What Is Happening To The Earth's Temperature?

Earth's Temperature Is On The Rise For last 25 years

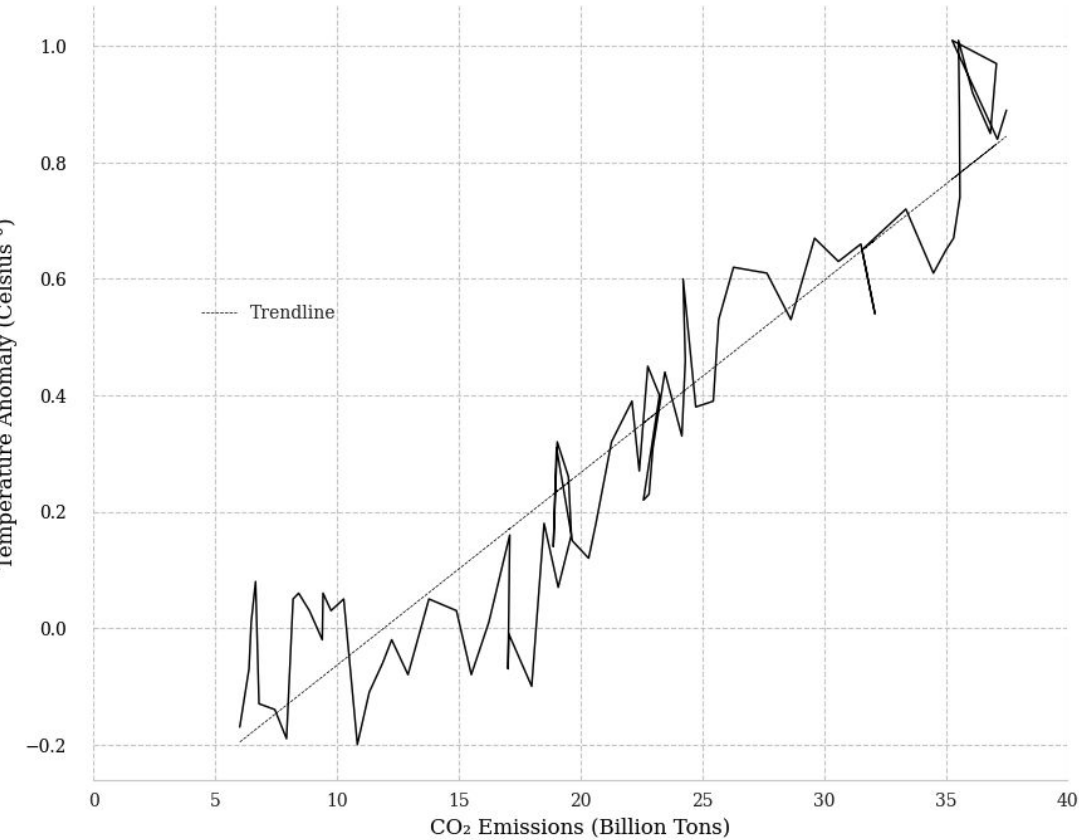
Temperature anomaly: Increment in the average temperature's value for last 30 years



What Causes The Earth Temperature To Rise?

Temperature Rises With The Rise in CO₂ Emissions

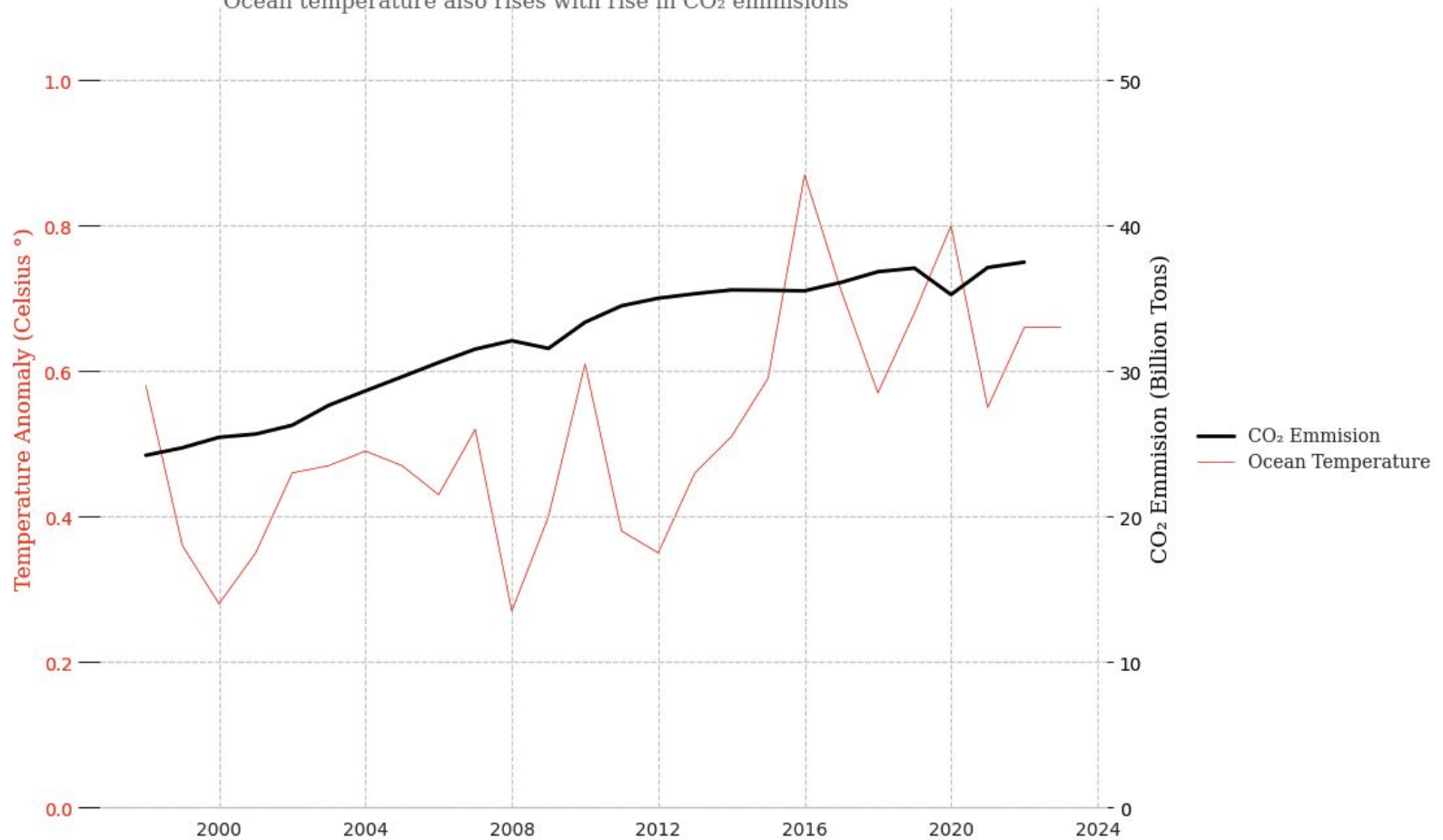
The trendline is based on CO₂ Emissions and temperature rise since 1950



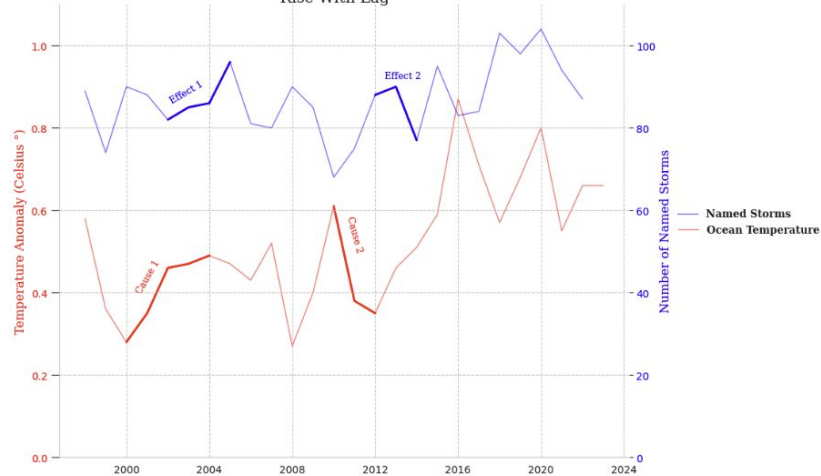
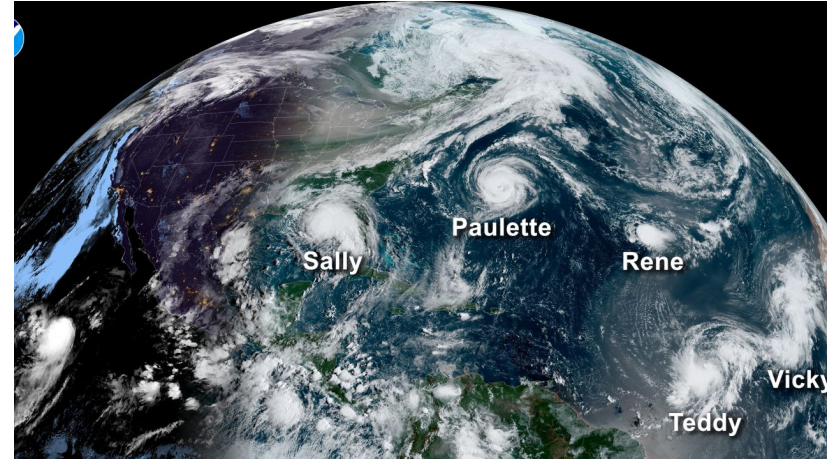
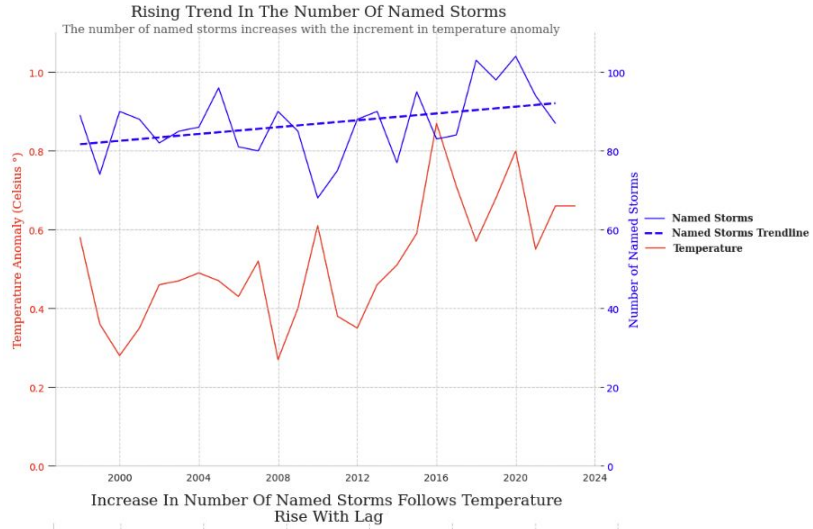
What Is The Trend of CO₂ Emissions and its Effect of Ocean Temperature?

The CO₂ Emmissions Are On The Rise In Last 25 Years

Ocean temperature also rises with rise in CO₂ emmissions



What Happens If The Ocean Temperature Rises?

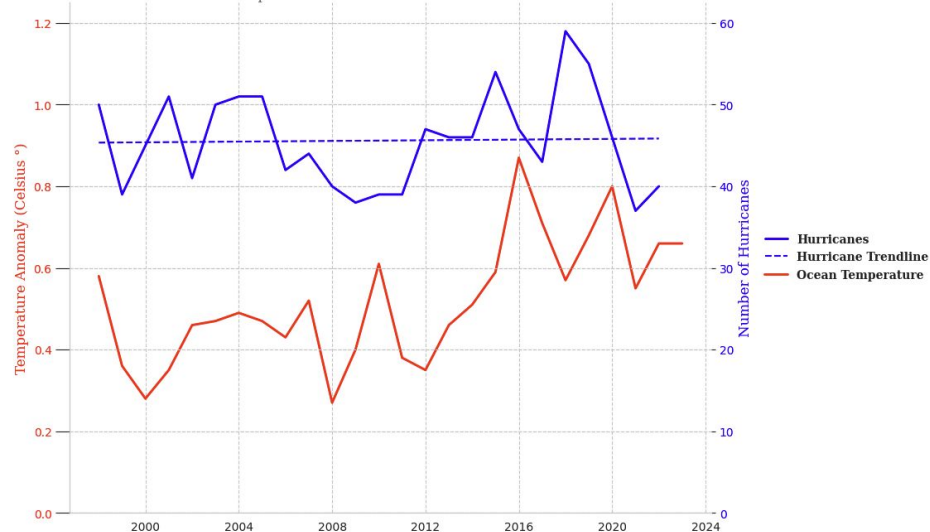


What Happens If The Ocean Temperature Rises? (Cont.)

- The Number of Hurricanes Increases

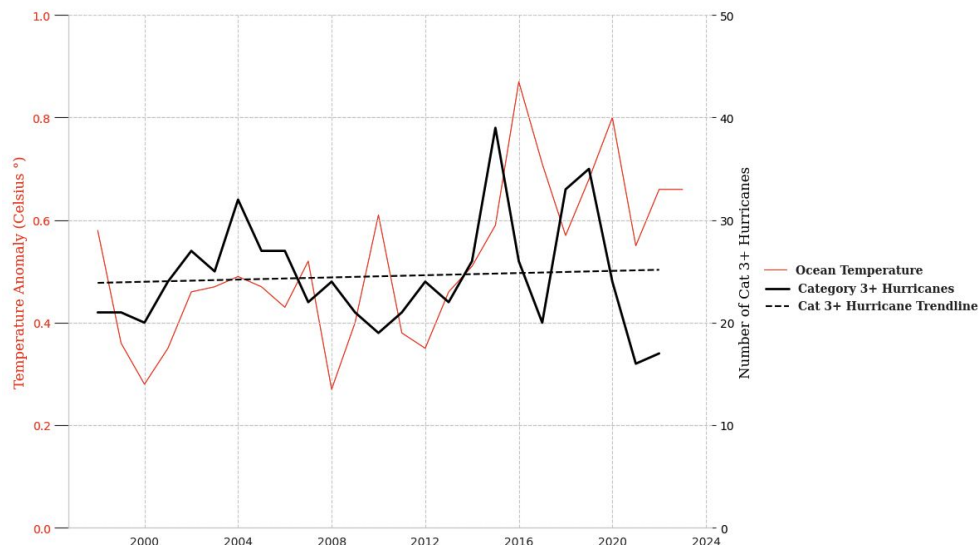
Slight Increase In The Number Of Hurricanes with Increase in Ocean Temperature In Last 25 Years

The Hurricane trendline suggests a slight increase in the number of hurricanes with increase in the ocean temperature



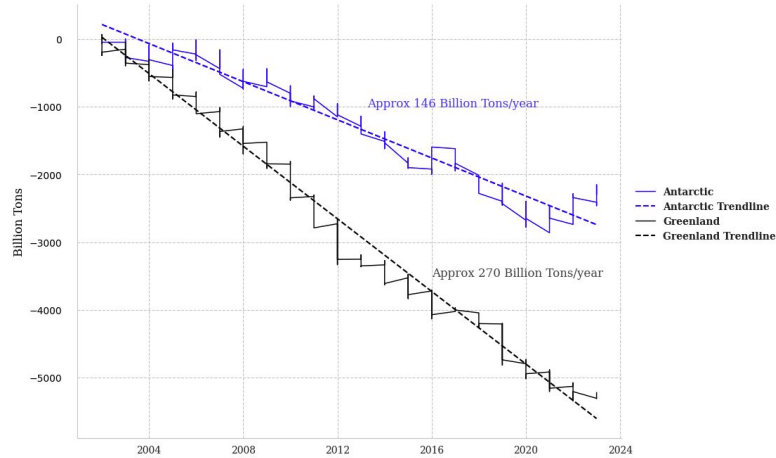
- The Intensity Also Increases as Category 3+ Hurricanes Are Becoming Frequent

Increase In The Number of Cat 3 + Hurricanes

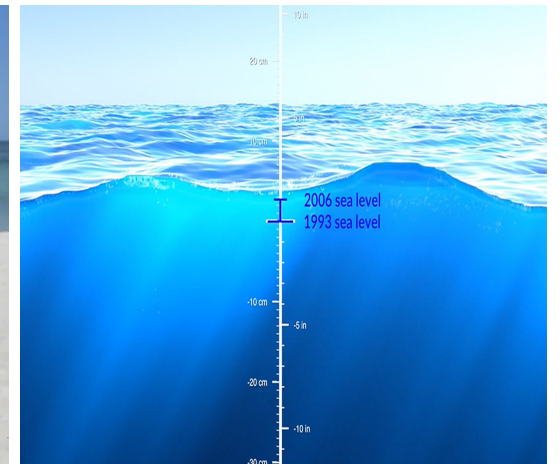
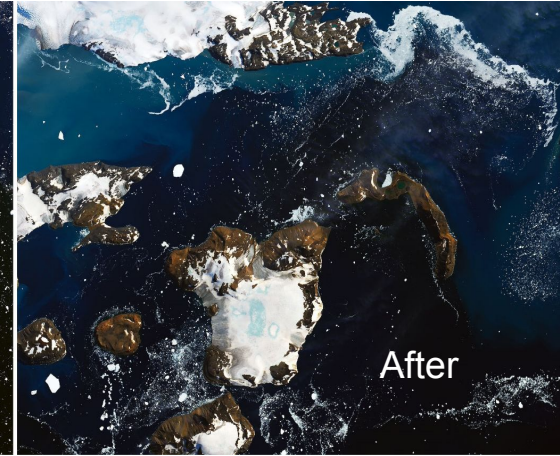
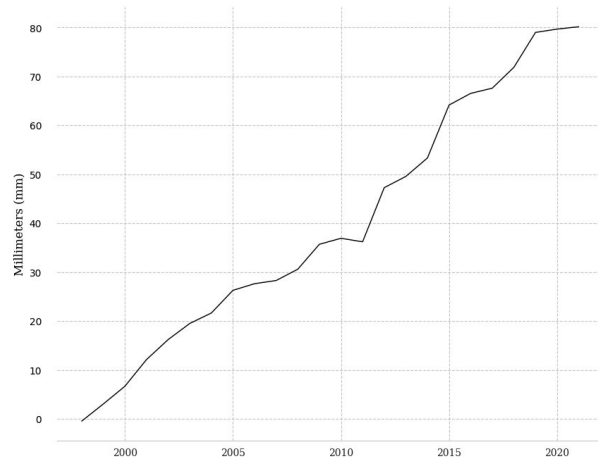


What Other Impact Does Rise in Land and Ocean Temperature Have?

Glacier Are Melting Down

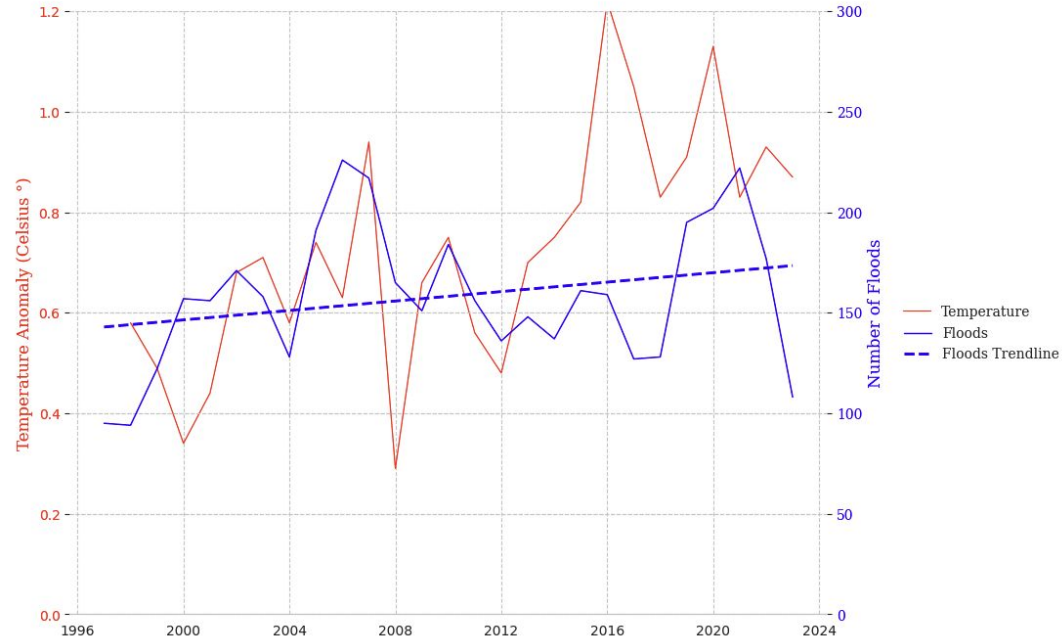


Sea Level Is On The Rise For last 25 years



What Happens If The Sea Level Rises Due To Rise In Temperature?

Flood Events Are On The Rise as The Flood Trendline For Last 25 Years Shows



References:

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- <https://tropical.atmos.colostate.edu/Realtime/index.php?arch&loc=global>
- <https://www.statista.com/statistics/276629/global-co2-emissions/#:~:text=Global%20carbon%20dioxide%20emissions%20from,by%20more%20than%2060%20percent>
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