

“By 2100, global mean sea level rise is projected to be around 0.1 metre lower with global warming of 1.5°C compared to 2°C (medium confidence). Sea level will continue to rise well beyond 2100 (high confidence), and the magnitude and rate of this rise depend on future emission pathways. A slower rate of sea level rise enables greater opportunities for adaptation in the human and ecological systems of small islands, low-lying coastal areas and deltas (medium confidence)” (IPCC 2018 Special Report)

I find this striking since we as humans as we continue to participate or even do activities that release carbon dioxide or greenhouse gases into the atmosphere, we keep putting sea level at risk since when we release more carbon dioxide into the atmosphere, the ice sheets in the sea melt this causes the rise since were increasing on global warming. Also just to note when these glaciers melt, it is this what causes the sea level to rise and also contributes to the expansion of the ocean as water warms. This is alarming since after reading the article of climate change global sea level, 8 out of the 10 largest cities are surrounded by the sea and coasts which is alarming since the population in the united states is at risk and if we do not change the activities that lead to rise of greenhouse gases, sea level may rise or may even reach a tipping point where no matter what we do we cant change nothing and cannot prevent sea level rise. A question I have for you today is how do we spread this information so that its adopted and reduce rise in sea level in America. For reference here is the link where I got answers to the rising sea level

Lindsey, Rebecca. “Climate Change: Global Sea Level.” *NOAA Climate.Gov*, 19 Apr. 2022, www.climate.gov/news-features/understanding-climate/climate-change-global-sea-level.