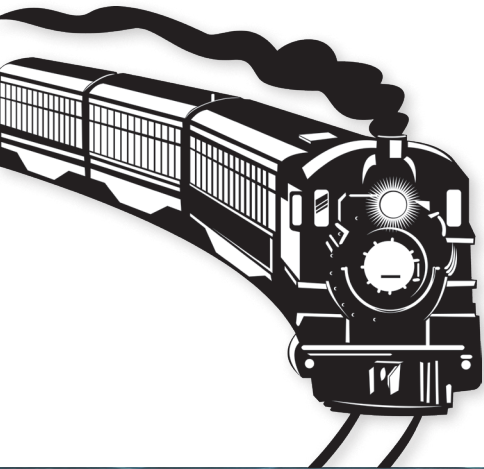


# The Slow Train is Coming Around the Bend



“Changes in ocean systems generally occur over much longer time periods than in the atmosphere, where storms can form and dissipate in a single day.

Interactions between the oceans and atmosphere occur slowly over many months to years, and so does the movement of water within the oceans, including the mixing of deep and shallow waters.”

<https://www.epa.gov/climate-indicators/oceans>

*Extracted 26 August 2023*

Even if greenhouse gas emissions were stabilized tomorrow it would take at least 30 years for the oceans to adjust to changes in the atmosphere and the climate that have already occurred.

The oceans today reflect the climate and global warming of at least 30 years ago.

*How severe will be the storms of our grandchildren!*

*The slow train that is bringing the catastrophic consequences of global warming is coming around the bend.*

