

Macro Roundup Article

Headline: [The Dangerous Effects Of Rising Sea Temperatures](#)

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Publication	Financial Times
Publication Date	July 24, 2024

Tweet: Oceans have absorbed 90% of the heat from human-caused carbon dioxide emitted during the industrial era, but some scientists are concerned that oceans may be reaching their limits in protecting the planet against the worst extremes of climate change.

Summary: Scientists are now trying to understand what has driven the rapid anomalous rise in sea temperatures, why that heat has lingered and whether the world's seas will cool again. At the heart of these questions is a concern that the oceans may be reaching their limits in the vital role they play in protecting the planet against the worst extremes of climate change. They have absorbed 90% of excess heat and about a quarter of human-caused carbon dioxide emitted during the industrial era. "All that heat that's going into the ocean is not going into the land surface or into the atmosphere, or into the ice caps," says Michael Meredith, oceanographer and science leader at the British Antarctic Survey. "The ocean has been doing this huge climate favour for us for decades." But he adds there is no guarantee it will continue doing so at the same rate. "If this does slow in future, the consequences will be like we saw in 2023 [the hottest year on record] but much more so."

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Primary Topic: Global Warming

Topics: Database, Global Warming, Important!, News article, Science

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