



Oceans are heating up at a quickening pace, say scientists

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Latest report relied on four studies, published between 2014 and 2017, that gave more precise estimates of past trends

- The world's oceans are heating up at an accelerating pace as global warming threatens a diverse range of marine life and a major food supply for the planet, researchers said.
- The findings in the U.S. journal Science, led by the Chinese Academy of Sciences, debunk previous reports that suggested a so-called pause in global warming in recent years.
- The latest technology shows no such hiatus ever existed, raising new concerns about the pace of climate change and its effect on the planet's main buffer — the oceans.
- About 93% of excess heat — trapped around the Earth by greenhouse gases that come from the burning of fossil fuels — accumulates in the world's oceans.
- The new analysis shows warming in the oceans is on pace with measurements of rising air temperature.
- The thermal expansion — water swelling as it warms — would raise sea level 30 cm, above any sea level rise from melting glaciers and ice sheets.

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