

Macro Roundup Article

Headline: [Warming Could Push the Atlantic Past a 'Tipping Point' This Century](#)

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Summary: The last time there was a major slowdown in the mighty network of ocean currents that shapes the climate around the North Atlantic, it seems to have plunged Europe into a deep cold for over a millennium. That was roughly 12,800 years ago when not many people were around to experience it. But in recent decades, human-driven warming could be causing the currents to slow once more. New research published in Nature Communications [projects] the Atlantic Meridional Overturning Circulation, or AMOC could collapse around midcentury. Were the circulation to tip into a much weaker state, the effects on the climate would be far-reaching, though scientists are still examining their potential magnitude. Much of the Northern Hemisphere could cool. The coastlines of North America and Europe could see faster sea-level rise. Northern Europe could experience stormier winters, while the Sahel in Africa and the monsoon regions of Asia would most likely get less rain.

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Primary Topic: Science

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