

Timeline of AMOC Papers

1. May 1961 - Stommel, "Thermohaline Convection with Two Stable Regimes of Flow."
2. Feb 2002 - Rahmstorf, "Ocean Circulation and Climate During the Past 120,000 Years."
3. Apr 2018 - Caesar et al., "Observed Fingerprint of a Weakening Atlantic Ocean Overturning Circulation."
4. Aug 2021 - Boers, "Observation-Based Early-Warning Signals for a Collapse of the AMOC."
5. Oct 2013 - Lehner et al., "Amplified Inception of the European Little Ice Age by Sea-Ice-Ocean-Atmosphere Feedbacks."
6. Mar 2015 - Jackson et al., "Global and European Climate Impacts of a Slowdown of the AMOC in a High-Resolution GCM."
7. Mar 2015 - Drijfhout et al., "Abrupt Cooling over the North Atlantic in Modern Climate Models."
8. Jun 2015 - Drijfhout et al., "Catalogue of Abrupt Shifts in IPCC Climate Models."
9. Nov 2015 - Liu & Fedorov, "Overlooked Possibility of a Collapsed Atlantic Meridional Overturning Circulation in a Warming Climate."
10. Sep 2016 - Liu et al., "Competition Between Global Warming and an Abrupt Collapse of the AMOC in Earth's Energy Imbalance."
11. Jan 2011 - Bozbiyik et al., "Fingerprints of Changes in the Terrestrial Carbon Cycle in Response to Large Reorganisations in Ocean Circulation."
12. Aug 2024 - Lohmann et al., "Feedback Processes Causing an AMOC Collapse in the Community Earth System Model."
13. Sep 2024 - Boers et al., "Revisiting Climate Impacts of an AMOC Slowdown."
14. Apr 2021 - Boers, "Early-Warning Signals for Tipping Elements - AMOC Case Study."
15. Sep 2022 - Armstrong McKay et al., "Exceeding 1.5 °C Global Warming Could Trigger Multiple Climate Tipping Points."
16. Jul 2023 - Ditlevsen & Ditlevsen, "Warning of a Forthcoming Collapse of the Atlantic Meridional Overturning Circulation."
17. May 2024 - Strommen et al., "Causal Pathway from AMOC to Southern Amazon Rainforest."
18. Jun 2024 - Hawkins et al., "Physics-Based Early Warning Signal Shows That AMOC Is on Tipping Course."
19. Jul 2024 - Gaucherel et al., "Simulating AMOC Tipping Driven by Internal Climate Variability."
20. 2013 - Collins et al., "Long-Term Climate Change: Projections, Commitments and Irreversibility."