

Tipping Point Arctic Sea Ice

Heading towards a point of no return?





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Sources:

Budikova, Dagmar. "Role of Arctic sea ice in global atmospheric circulation: A review." Global and Planetary Change 68.3 (2009): 149-163.

Maksym, Ted. "Arctic and Antarctic Sea ice change: contrasts, commonalities, and causes." Annual Review of Marine Science 11.1 (2019): 187-213.

Max-Planck Institut für Meteorologie. "Can Arctict winter sea-ice disappear abpruptly?" (2017). https://mpimet.mpg.de/en/communication/focus-on/can-arctic-winter-sea-ice-disappear-abruptly Meredith, Michael et al. "Polar regions.". In: IPCC Special Report on the Ocean and Cryosphere in a Changing Climate (2019): 1-173.

National Geogrpahic. "Why is an ocean current critical to world weather losing stream? Scientists search the Arctic for answers." (2019). https://www.nationalgeographic.com/science/article/ why-ocean-current-critical-to-world-weather-losing-steam-arctic

Notz, Dirk and Julienne Stroeve. "Observed Arctic sea-ice loss directly follows anthropogenic CO2 emission." Science 354.6313 (2016): 747-750.

Serreze, Mark and Meier, Walter. "The Arctic's sea ice cover: trends, variability, predictability, and comparisons to the antarctic." Ann. N.Y. Acad. Sci. 1436 (2019): 36-53. Sirmacek, Beril and Frank Weening. "Rapid loss of Arctic sea ice." (2022)

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