References for Holocene CO2

By Renee Hannon

Bereiter et al. (2014), Revision of the EPICA Dome C CO2 record from 800 to 600 kyr before present, Geophysical Research Letters, doi: 10.1002/2014GL061957.

Joos, F. and Spahni, R.: Rates of change in natural and anthropogenic radiative forcing over the past 20,000 years, Proc. Natl. Acad. Sci. USA, 105, 1425–1430, https://doi.org/10.1073/pnas.0707386105, 2008.

Jouzel, 2001. Dome C temperature proxy. https://www1.ncdc.noaa.gov/pub/data/paleo/icecore/antarctica/epica_domec/edc96-iso-45kyr.txt

Kaufman, D., McKay, N., Routson, C. et al. Holocene global mean surface temperature, a multi-method reconstruction approach. Sci Data 7, 201 (2020a). https://doi.org/10.1038/s41597-020-0530-7.

Kaufman, D., McKay, N., Routson, C. et al. A global database of Holocene paleotemperature records.Sci Data 7, 115 (2020b). https://doi.org/10.1038/s41597-020-0445-3.

Kaufman DS, Broadman E. Revisiting the Holocene global temperature conundrum. Nature. 2023 Feb;614(7948):425-435. doi: 10.1038/s41586-022-05536-w. Epub 2023 Feb 15. PMID: 36792734.

Liu, Z., et. al, Lamont Doherty Earth Observatory of Columbia University, Palisades, 2014, https://doi.org/10.1073/pnas.1407229111

Lüthi, D., Le Floch, M., Bereiter, B. et al. High-resolution carbon dioxide concentration record 650,000–800,000 years before present. Nature 453, 379–382 (2008). https://doi.org/10.1038/nature06949.

Thompson, A., et. al., Northern Hemisphere vegetation change drives a Holocene thermal maximum, Science Advances, 15 Apr 2022, Vol 8, Issue 15, DOI: 10.1126/sciadv.abj6535.

Vinós J, 2022. Climate of the past, present and future. A scientific debate, 2nd ed. Critical Science Press.

Vinther, 2009. Arctic Agassiz-Renland temperature proxy. ftp://ftp.ncdc.noaa.gov/pub/data/paleo/icecore/greenland/vinther2009greenland.txt

Zhang W., Haibin Wu, Junyan Geng, Jun Cheng, Model-data divergence in global seasonal temperature response to astronomical insolation during the Holocene, Science Bulletin, Volume 67, Issue 1, 2022, https://doi.org/10.1016/j.scib.2021.09.004.