# Comment on cp-2022-12

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Community comment on "A new global surface temperature reconstruction for the Last Glacial Maximum" by James D. Annan et al., Clim. Past Discuss., https://doi.org/10.5194/cp-2022-12-CC1, 2022

This is a really interesting paper - thanks!  For me, one of the most interesting aspects is the comparison with the Tierney et al spatial reconstruction and global mean.  I think you could maybe quantify this more clearly (e.g. show a plot of the difference between your and their results [and between your resulsts and other reconstructions. e.g. your previous results and/or CLIMAP, etc etc]).  You hypothesise that the reason you have less cooling than Tierney et al is due to their use of only CESM in their model prior.  It would be nice if you actually tested this by using just CESM in your prior with your EnKF method, and see if you retrieve something very close to their result.