

Interactive comment on “Spatio-temporal variability of Arctic summer temperatures over the past two millennia: an overview of the last major climate anomalies” by Johannes P. Werner et al.

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Essential additions for this paper:

(1) Move the "Data Availability" section from the Appendix to the main text and update it to include the Data Citation/URL for the reconstructions generated in this study.

OK. (see also 4, 5)

(2) Add the missing "data URL" to Tables A1 and A2. Note the typos in a few of the URLs as listed.

(3) Correct the Site IDs in Table A1 so they match the PAGES IDs in version 2.0 of
C1

the PAGES 2k database (e.g., Lake Nautajarvi is Arc_026, not Arc_025 as listed in the table). Change "Site ID" to "PAGES2k ID"

as noted in the submission phase (editor comments) we will update the reconstruction input data to version 2 of the data base. We will carefully update the proxy data tables.

(4) Submit the primary outcome of this study (ensemble reconstruction, gridded ensemble mean and area mean) to a public repository and include the Data Citation/URL in "Data Availability".

Recommended element:

(5) Add a link to the BitBucket URL that includes the code used for the reconstruction

These two points are also in our own interest: Data and code that are not accessible will not get used and thus not cited. The data and code will be hosted at NOAA or NPI.

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