

Interactive comment on “Episodic Neoglacial expansion and rapid 20th Century retreat of a small ice cap on Baffin Island, Arctic Canada and modeled temperature change” by Simon L. Pendleton et al.

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The PAGES Data Stewardship Integrative Activity seeks to advance best practices for sharing data generated and assembled as part of all PAGES-related activities. As part of this activity, a team of reviewers has been constituted for the “Climate of the Past 2000 years” Special Issue. The data team is reviewing the data handling within each of the CP-Discussion papers in relation to the CP data policy and current best practices. The team has identified essential and recommended additions for each paper, with the goal of achieving a high and consistent level of data stewardship across the 2k Special

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Issue. We recognize that an additional effort will likely be required to meet the high level of data stewardship envisaged, and we appreciate dedication and contribution of the authors. This includes the use of Data Citations (see example in supplement). We ask authors to respond to our comments as part of the regular open interactive discussion. If you have any questions about PAGES Data Stewardship principles, please contact any of us directly.

Best wishes for the success of your paper,

2k Special Issue Data Review Team (Darrell Kaufman, Nerilie Abram, Belen Martrat, Raphael Neukom, Scott St. George) and ex-officio team members (Marie-France Loutre, Lucien von Gunten)

Essential additions for this paper:

(1) Add a "data availability" section to include details on where the input data are archived, including the primary input and output data in this study.

(2) Submit all of the data that are input to Fig 3 to a public repository, including the data in Table 1 plus the data that were previously published (some of which is behind publisher paywalls) but perhaps not archived. If the previous data have been archived, provide the Data Citation.

(3) Add a Data Citation for the CESM-LME and CESM-Past2k simulations shown in Supplemental Fig 8.

(4) Submit the outcome of the data synthesis presented in Fig. 3 to a public repository.

Recommended:

(5) Submit for public archival the code used for the glacier model, and include a citation to a persistent web identifier (doi), as you would for a Data Citation.

Please also note the supplement to this comment:

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<http://www.clim-past-discuss.net/cp-2017-27/cp-2017-27-SC1-supplement.pdf>

Interactive comment on Clim. Past Discuss., doi:10.5194/cp-2017-27, 2017.

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