

Interactive comment on “Arctic hydroclimate variability during the last 2000 years – current understanding and research challenges” by Hans W. Linderholm et al.

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Received and published: 8 August 2017

We thank the two anonymous reviewers for their time reviewing our manuscript and their insightful comments and suggestions.

Below we provide responses to each of the reviewers' comments and indicate our plans to revise the manuscript. Author responses are shown in bold italics.

Referee #1

The overall quality of the discussion paper "Arctic hydroclimate variability during the last 2000 years – current understanding and research challenges" intended for the Special

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Issue "Climate of the past 2000 years: global and regional syntheses", is good. The manuscript presents a substantial, thorough, and updated contribution on hydroclimate variability during the past 2 ka in the Arctic. The concepts, ideas, methods, and data from different climate archives are clearly presented. The results are discussed in an appropriate and balanced way, including appropriate references. The scientific results and conclusions are presented in a clear, concise, and well structured way. The number and quality of figures and tables are appropriate, as well as the English language.

Response: We thank the reviewer for these encouraging comments.

Specific comment: Please note that Lake Nerfloen listed in Table 2 is located in western Norway, not Northern (N) Norway.

Response: this has been corrected in the revised version

Interactive comment on Clim. Past Discuss., <https://doi.org/10.5194/cp-2017-34>, 2017.

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