

Letter to the editor - corrections to manuscript cp-2018-17

On behalf of the authors I would like to thank the editor Jürg Luterbacher for the fast response that we greatly appreciate, and for constructive comments. The title of the manuscript has been changed again, we now suggest:

Assessing the performance of the BARCAST climate field reconstruction technique for a climate with long-range memory

We have also included the reference to Zhang et al. (2018) in the first paragraph as suggested by the editor.

Finally, we have checked again the reviewer comments and corresponding changes made. Overall the revision takes most comments into account. A few sentences/paragraphs have been removed completely to create a better flow and focus. Some references were suggested by the reviewers but are not included in the revision. This includes in particular mentioning/discussing scaling properties in hydroclimate/precipitation records and reconstructions. These variables have their own features that make them different from the temperature variable, and we feel that presenting them in this manuscript requires additional description and context. This would interfere with the line of the presentation, and we prefer to keep the focus on the temperature variable since the discussion is already substantial.

Thank you again and best regards on behalf of the authors,

Dr. Tine Nilsen

References

Huan Zhang, Johannes P Werner, Elena García-Bustamante, Fidel González-Rouco, Sebastian Wagner, Eduardo Zorita, Klaus Fraedrich, Johann H. Jungclauss, Fredrik Charpentier Ljungqvist, Xiuhua Zhu, Elena Xoplaki, Fahu Chen, Jianping Duan, Quansheng Ge, Zhixin Hao, Martin Ivanov, Lea Schneider, Stefanie Talento, Jianglin Wang, Bao Yang, and Jürg Luterbacher. East asian warm season temperature variations over the past two millennia. *Scientific Reports*, 8:7702, 2018. doi: 10.1038/s41598-018-26038-8.