

Interactive comment on “Long-term regional precipitation disparity in northwestern China and its driving forces” by H. F. Lee et al.

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Thank you for the review.

Concerning about the details of our historical flood and drought records, they have been stated in the supplement.

Concerning about the study area, to avoid any possible confusion, we will further specify it as Sha'anxi and Gan-Ning-Qing Regions when we revise the manuscript. Indeed, the two macro regions cover more the 50% of the inhabited area in NW China. Therefore, our study area is believed to be sufficiently large enough to reveal the general situation of NW China.

Regarding the comment about our abstract, result, and discussion sections, it is more

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or less about the matters of presentation. As required by the journal, our manuscript has gone through the initial review prior to open discussion. So far we have not received any comment about the problem of presentation from the journal. As the referee is the first one pointing out this issue, we may need to discuss about it with, and seek professional advice from, the handling editor. Besides, our figures are typeset by the journal. We are happy to work with the journal to further improve the presentation of our figures.

For Equation 2, we have explained why we use it in the text. If necessary, we can further explain it when revising the manuscript. For the timings of MWP and LIA, they are generally agreed as the 9th to 11th centuries and the 14th to 19th centuries, respectively. We can cite references to support the above phase delineation.

Regarding the comment “many well-known and new published papers were missed in the references part,” sorry that we are a bit reserved about it. To condense our manuscript, we only cite those papers that are directly related to our study. Could the referee list out what papers that we should cite in the manuscript but we miss? If those papers are strongly relevant to our study, we are happy to put them into our reference list.

Interactive comment on Clim. Past Discuss., 10, 3097, 2014.