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## Interactive comment on "Water requirements of the oasis in the middle Heihe River Basin, China: Trends and causes" by Xingran Liu and Yanjun Shen

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Thank you very much for the comments and the effort you made to review the manuscript. The comments are very valuable to the manuscript. According to the comments, we have made clear of the runoff data, and analyzed the water balance part considering the groundwater withdrawal. Unfortunately, we only got the groundwater withdrawal data from 1990 to 2007, so we didn't put the groundwater withdrawal data into Figure 10. But we put the data into Table 3 because we can only get an average value of the groundwater withdrawal in 1980s besides the groundwater withdrawal during 1990-2007. Please refer to the supplement to see the revised manuscript.

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Please also note the supplement to this comment: https://www.earth-syst-dynam-discuss.net/esd-2017-75/esd-2017-75-AC2-supplement.zip

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