

***Interactive comment on* “Impact of climate change and anthropogenic activities on stream flow and sediment discharge in the Wei River basin, China” by P. Gao et al.**

Anonymous Referee #2

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This manuscript provides useful information and analysis on distinguishing impact of precipitation changes and human induced changes on stream flow and sediment. This is useful and important analysis. Generally the paper is straightforward and easy to follow. A few suggestions are provided that could improve the manuscript.

It would be useful to at least discuss whether there were any trends detected in the non-flood period.

In addition to analyzing precipitation could the air temperature also be considered as to whether there were any changes in this.

Can you provide justification and additional background on methodology to assign % to precipitation or human induced activities. Also, more discussion on how the change point was determined would be beneficial.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 9, 3933, 2012.

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