

***Interactive comment on “Quantitative contribution  
of climate change and human activities to runoff  
changes in the Wei River basin, China” by C. S.  
Zhan et al.***

**Anonymous Referee #2**

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Equation (12) is flawed:  $P = Robs + RH + E$ . For example, human activities such as water withdrawal from natural streamflow may be used for irrigation which contribute to  $E$ . In equation (12),  $RH$  is counted twice. That's the reason why the human contribution (71%~78%) is overestimated compared with the elasticity method.

Line 14 on page 2158: For consistency, Change “ $R$ ” to “ $Q$ ” or Change “ $Q$ ” to “ $R$ ”.

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