

Interactive comment on “Soil water migration in the unsaturated zone of semi-arid region in China from isotope evidence” by Yonggang Yang and Bojie Fu

Anonymous Referee #3

Received and published: 18 December 2016

This paper examined how water infiltration, evaporation, and transpiration affected the isotope distribution in soil profile. They used water isotopes assisted by the water content measurements. They also used water sourcing approach to identify how much water come from different soil depths and precipitation. Stable isotope is very effective for this research. A lot of data is acquired, and the new knowledge is obtained. I suggest some modifications before publication.

The following are my suggestions.

- 1, To add description of soil and vegetation in the study area;
- 2, To add a description of soil water sampling time;

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3, Keywords should be hydrogen and oxygen stable isotope;

4, How many precipitation samples were there to define LMWL? Please add sample number.

5, To increase the new relevant references.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., doi:10.5194/hess-2016-555, 2016.

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