

Interactive comment on “Spatio-temporal variations in soil hydrology of a typical semiarid sand-meadow-desert landscape” by L. Duan et al.

Anonymous Referee #3

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The paper is well written and organized. The presentation of the spatiotemporal variability of soil moisture in relation to landscape parameters such as slope and land cover is well done. The data from the well instrumented site shows a very good influence of land cover/management and topography on soil moisture dynamics.

My only comment is for authors to pick one example in each case to see the impact of topography, for instance on SM by referring two or more sites differing in slope but similar in other parameters like land cover and others. This can be done for land cover and also others. This will increase ease of readability of the manuscript.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 8, 1895, 2011.