

Interactive comment on “Soil moisture modifies the response of soil respiration to temperature in a desert shrub ecosystem” by B. Wang et al.

Anonymous Referee #1

Received and published: 18 October 2013

This MS displays research findings on the desert ecosystem, which has great value to the global carbon cycle study. The solid analysis and understanding on the collected data clearly explain the diurnal pattern of the relationship between soil temperature and soil respiration interacted with water content. In the text, the soil several soil moisture thresholds (i.e. 0.08 cm³/cm³) are used, just wondering if you have considered wilting point and field capacity of soil water in this region.

Section 4.1 Line 15-16. Verify the statement. Figure 1 and 5 miss legends

Interactive comment on Biogeosciences Discuss., 10, 9213, 2013.

C5905