Response to SE-2016-163-SC1

Thanks for your suggestions. We are appreciate for the comments concerning our manuscript entitled "Effects of wheat stubble on runoff, infiltration, and erosion of farmland in the Loess Plateau, China subjected to simulated rainfall" (ID: SE-2016-163). We have studied comments carefully and have made correction. The main corrections in the paper according to the reviewer's comments are as follows:

1. Line 27 and Line 147: "sloping farmland" change to "sloped farmland"

Repsonse: Line 30: Soil and water losses from agricultural land, particularly sloped farmland, are regarded as major environmental threats to ecosystem sustainability on the Loess Plateau, China.

Line 153-154: TP is typically used by local farmers on the sloped farmland in the Loess Plateau region.

2. Line 257-259: ""Vermang et al. (2015) found that…" should be deleted.

Response: this sentence has been deleted in the manuscript.

3. Line 264 this sentence should add some references.

Response: To address this problem, the Chinese government launched the "Grain-for-Green" project in 1999 with the aim of converting steep sloping (>25°) farmland into forest or grassland (Cao et al., 2009; Wang, 2015).

4. Line459 In the figure title "runoff pots" should be "runoff plots"

Response: Line 479: Figure 1 Experimental runoff plots (a) and schematic of the rainfall simulator (b).

5. In the figure2-5, I suggest use colors in these figures and the data symbols should increase the size:

Response: the figures have been reset according to the suggestions as follows:

Figure 2 Dynamics of the runoff rate in WS and TP plot during the simulated rainfall event .

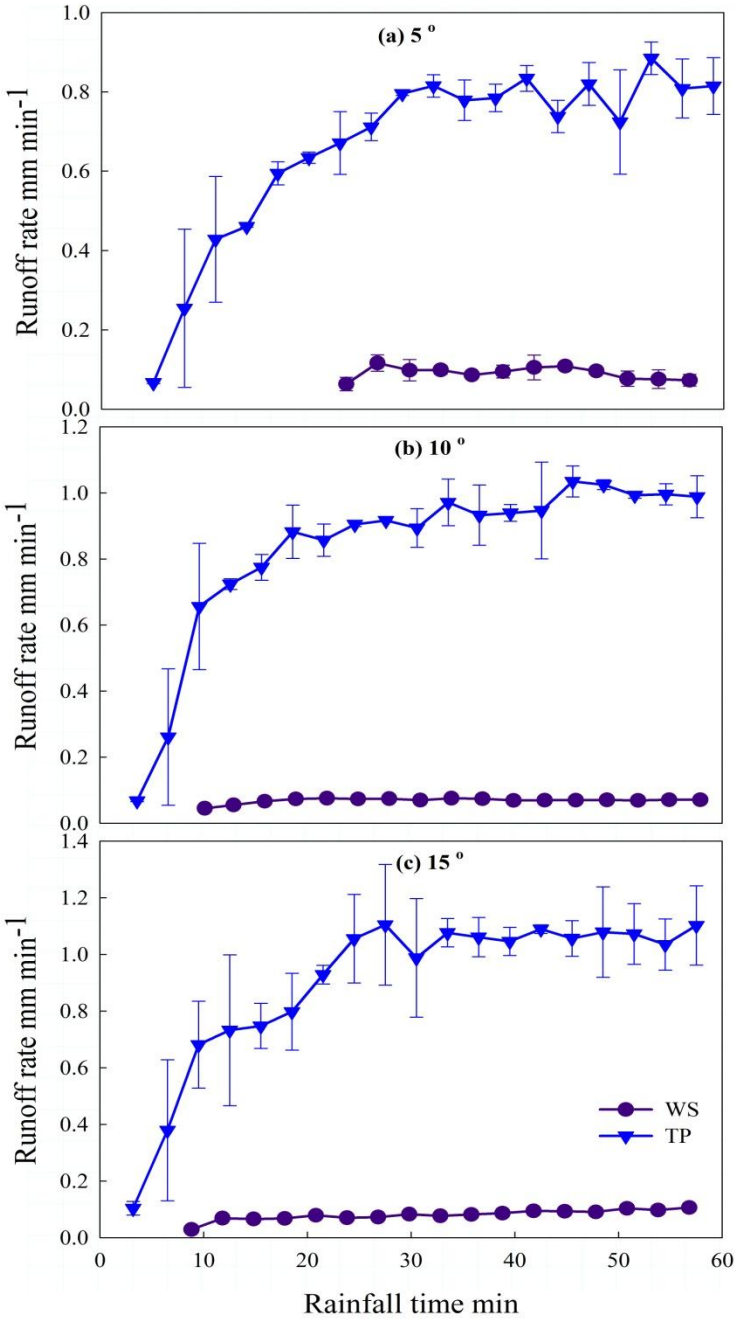
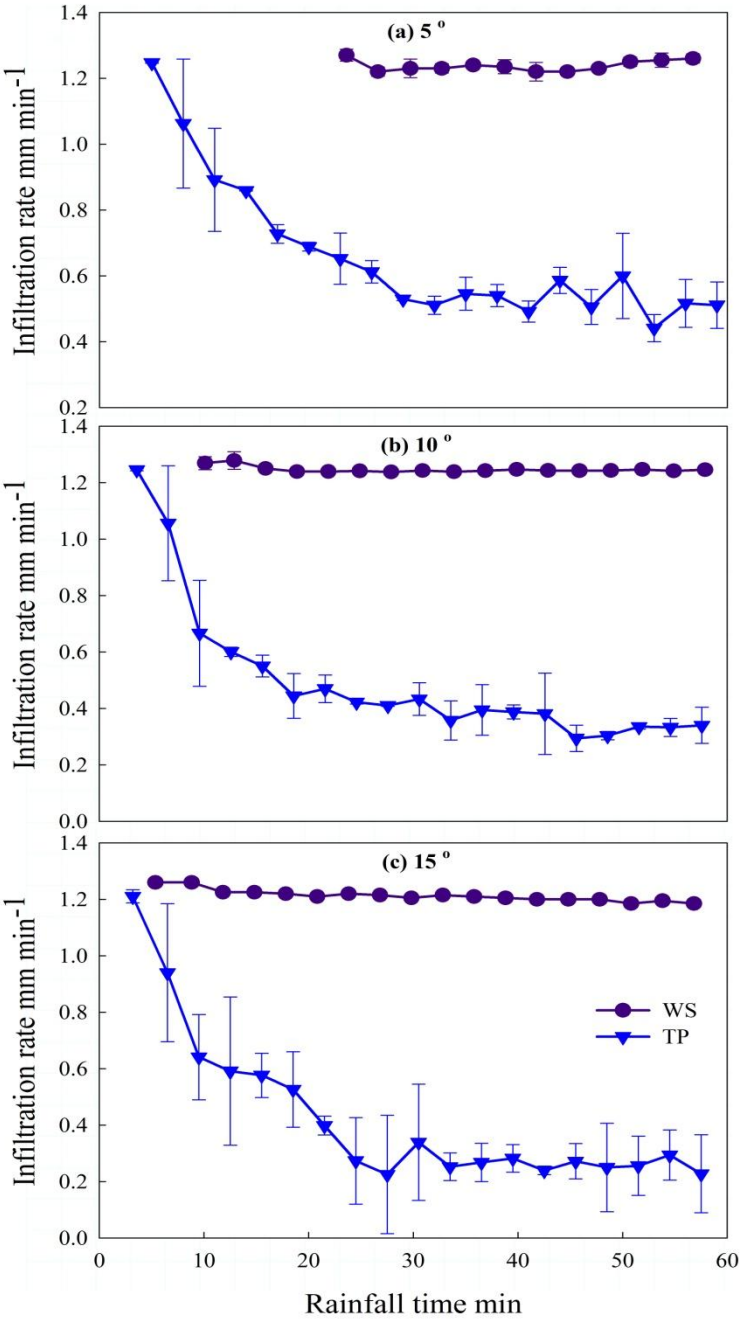


Figure 3 Dynamics of the infiltration rate in WS and TP plot during the simulated rainfall event.



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48 Figure 4 Dynamics of the Sc in WS and TP plot during the simulated rainfall event.

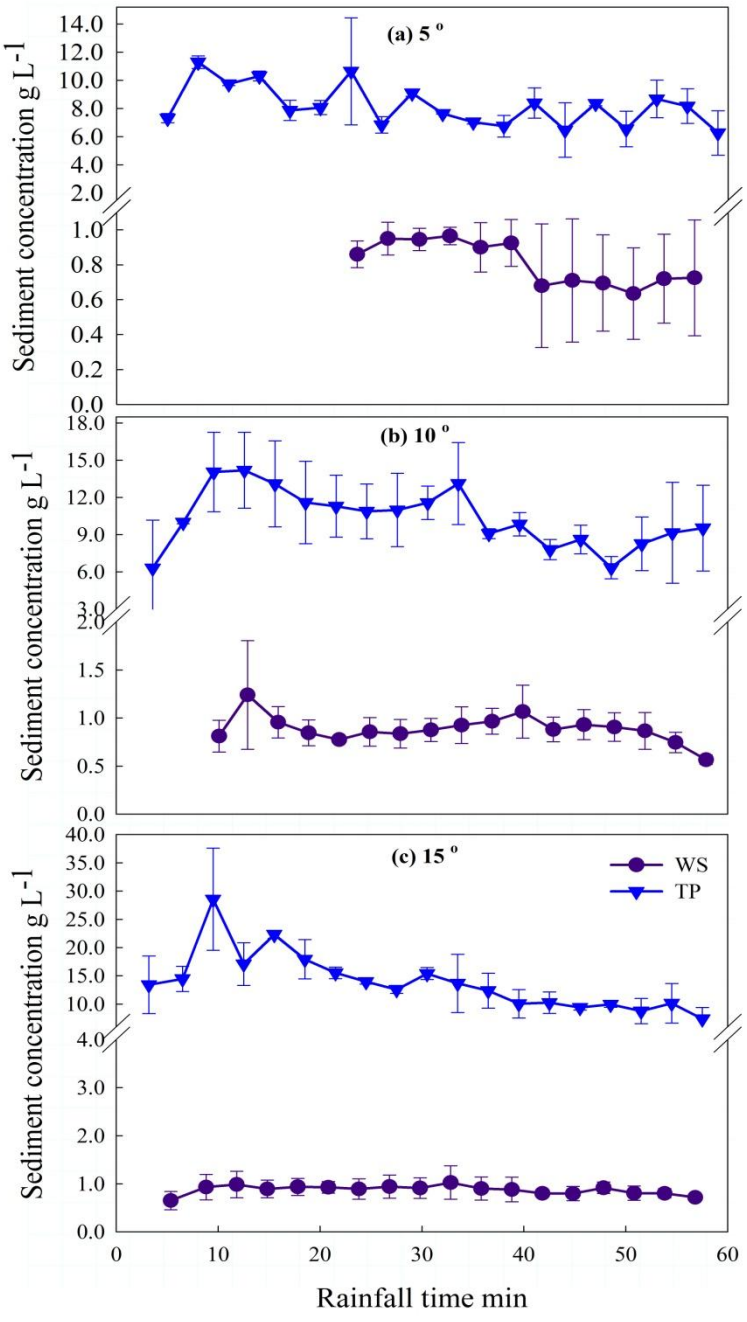
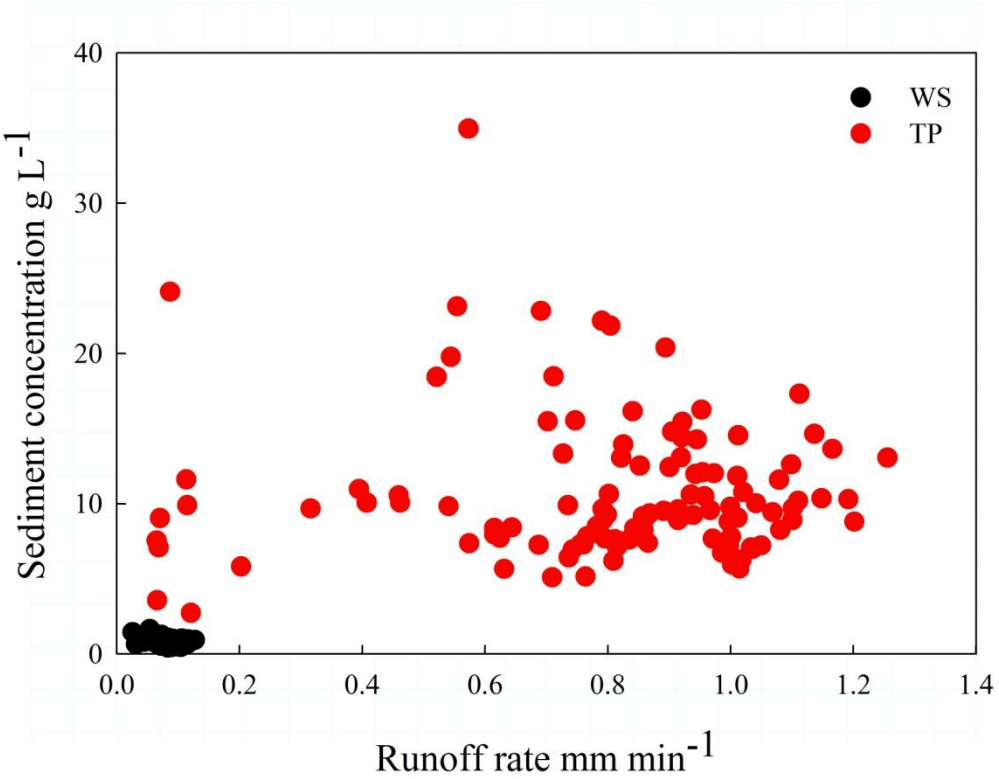


Figure 5 Runoff rates versus sediment concentrations for WS and TP management treatment.


Sediment concentration g L-1
Runoff rate mm min-1
WS
TP
0
10
20
30
40
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4