

Interactive comment on “Nitrogen and Warming Control the Vegetation in Inner Mongolia Tourist Area” by Qiong Sun et al.

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This paper studied the effect of warming and nitrogen addition on soil and vegetation effect, which is a new research topic. The outline is clear, however, there are some deficiencies in structure and details.

Some sentences in Results are lengthy and jumbled. It is suggested that the paragraphs of budding and flowering be merged. Discussion part can be simplified by cutting down the sentences or paragraphs irrelevant to the theme of warming and nitrogen addition. It was mentioned that the experiment was carried out on Inner Mongolia Ordos Grassland. The author can add a vegetation map of the experimental area.

Since the experiment base was located in agriculture and pasturage interlaced zone, did the author consider the possible error resulting from the nitrogen in animal

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manure? In the Results, the data were mostly based on the experimental results from 2011 to 2013, would the absent data of 2014 and 2015 affect the accuracy of results since it was a five-year experiment from 2011 to 2015? In Discussion, the author mentioned that nitrogen addition had no impact on the soil. The statement is not accurate; more or less, the soil would be affected by nitrogen addition, it is a matter of influence degree. The author also discussed seed rain with which the readers might not be familiar. It would be better if the author explain the concept of seed rain.

Please also note the supplement to this comment:

<http://www.solid-earth-discuss.net/se-2016-52/se-2016-52-RC3-supplement.pdf>

Interactive comment on Solid Earth Discuss., doi:10.5194/se-2016-52, 2016.

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