

Interactive comment on “MODIS NDVI and vegetation phenology dynamics in the Inner Mongolia grassland” by Z. Gong et al.

Anonymous Referee #2

Received and published: 13 September 2015

Dear authors,

This study evaluated trends in vegetation cover and phenology dynamics in the Inner Mongolia grassland by NDVI time series obtained. The result was consistent with other previous studies and also confirmed several results in other studies. However, the finding of this study would not be outstanding for the contribution to scientific progress.

The phenology changes were calculated by the NDVI series. However, there is no field investigation data to validate the result for the 18 meteorological stations. For example, the actual phenology changes of the individual meteorological station can be collected and compared to the NDVI time series at the same location.

I would like to see a statement in the methods section how the cumulative annual NDVI

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trend was calculated and when the significant test was performed.

A decimal significant figures would be enough for the SOS, POS, EOS and LOS. The origin significant figures in the manuscript would be meaningless and cause a statistical bias.

Figure 4 is not clear to show the result.

Sincerely

Interactive comment on Solid Earth Discuss., 7, 2381, 2015.

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