Biogeosciences
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Interactive comment on "Soil greenhouse gas fluxes from different tree species on Taihang Mountain, North China" *by* X. P. Liu et al.

Z. Xie (Editor)

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Dear Authors,

Your paper has been evaluated by two anonymous reviewers. They gave a set of major and minor comments, and most of the minor comments, including the editorial comments, will be addressed, in your revision, as suggested in your reply.

The major criticism, raised by two reviewers, was related to the methodologies involved, and the scientific quality. Both of the reviewers think that the MS reads like a scientific report, can be regarded as a review of previous work, and is full of simple listing. In its present form the manuscript rarely synthesizes their findings. There should be many interesting things that could be discussed. According to reviewers, the annual

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fluxes for CH4 and N2O calculated based on simple time interpolation would greatly introduce the significant bias into annual CO2 flux calculation, the data analysis should be improved by applying more sophisticated statistical analyses of their GHG time series in combination with the treatment factors (season, tree species, litter), and also, there are numerous grammar and spelling errors.

As handling editor, I strongly support your suggestion (as suggested in both replies) to address those comments. The scientific quality in the revised version and to address those comments will be critical for accepting the paper in BG. I look forward in receiving the revision.

Sincerely yours,

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Interactive comment on Biogeosciences Discuss., 10, 11037, 2013.

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