

Interactive comment on “High greenhouse gas fluxes from grassland on histic gleysol along soil carbon and drainage gradients” by K. Leiber-Sauheidl et al.

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The comment was uploaded in the form of a supplement.

Please also note the supplement to this comment:

<http://www.biogeosciences-discuss.net/10/C7201/2013/bgd-10-C7201-2013-supplement.pdf>

Interactive comment on Biogeosciences Discuss., 10, 11283, 2013.

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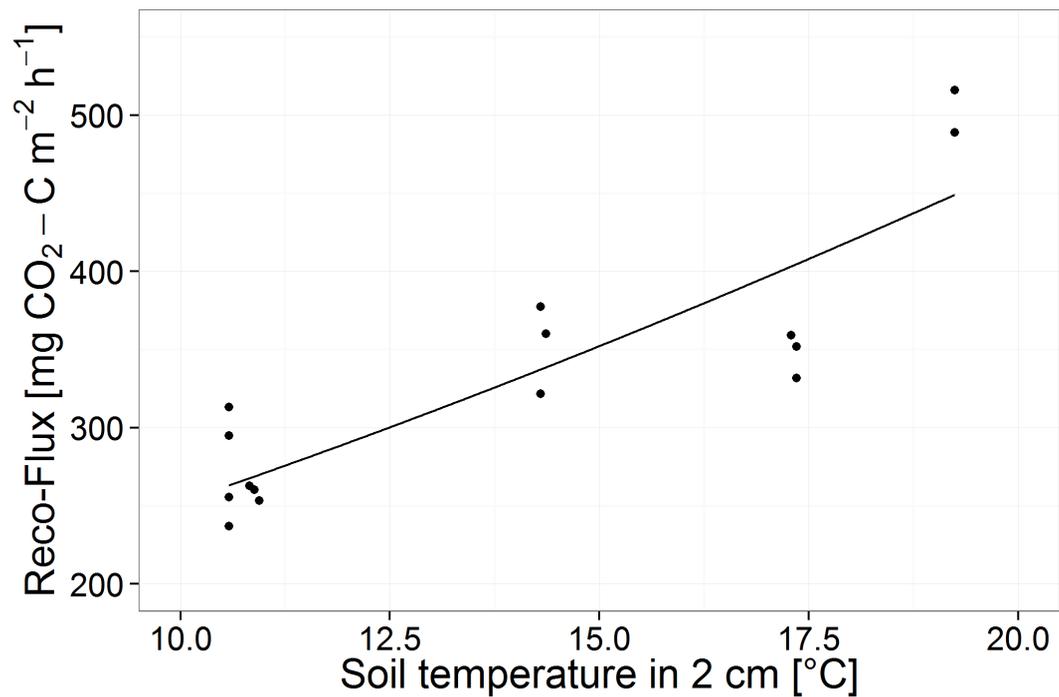
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Fig. 1. FigS3A: Reco flux model of an exemplary measurement campaign (02 May 2012) showing measured data as dots and fits as lines.

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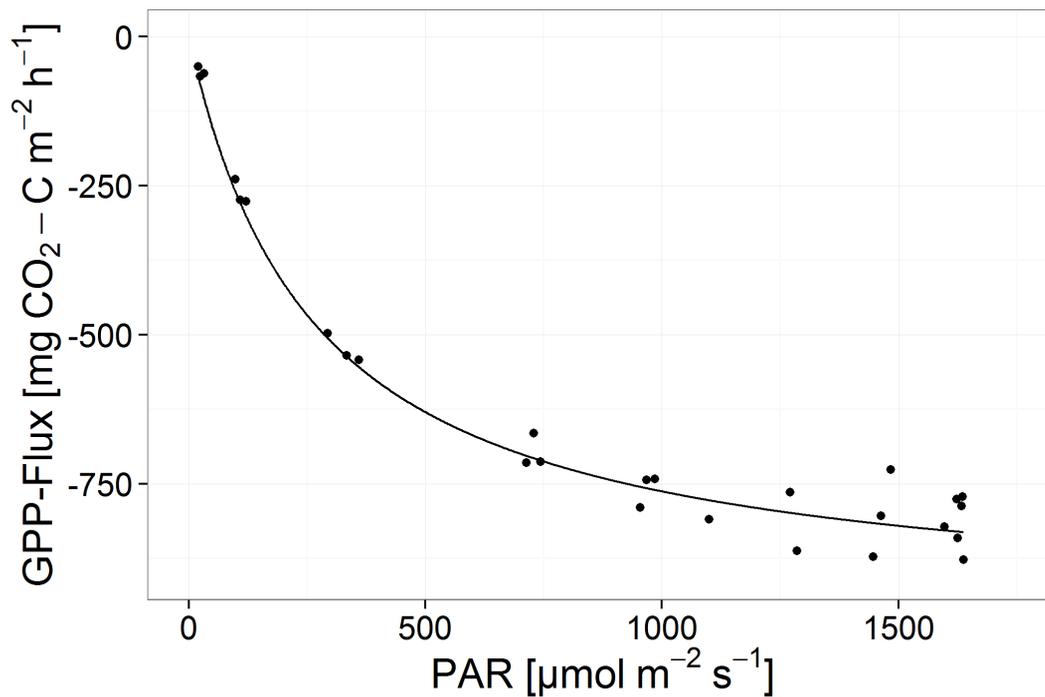


Fig. 2. FigS3B: GPP flux model of an exemplary measurement campaign (02 May 2012) showing measured data as dots and fits as lines.

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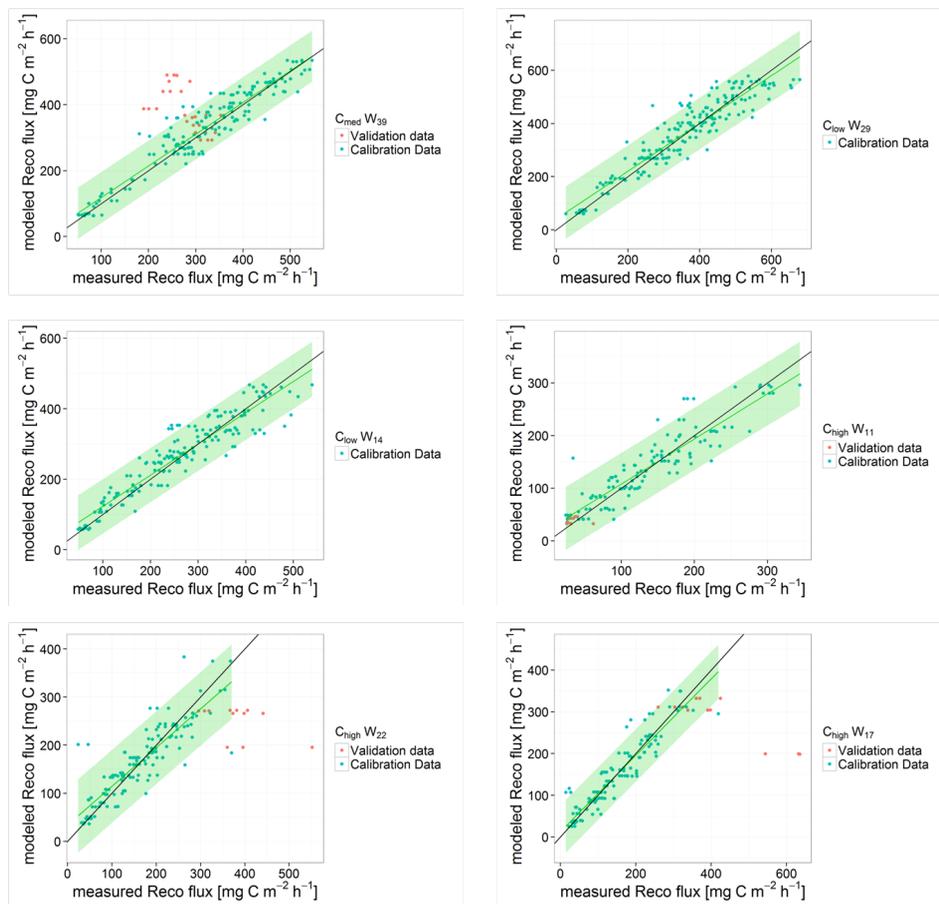


Fig. 3. FigS4A: Plots of measured Reco fluxes vs. modeled Reco fluxes of all measurement campaigns separated by site (1 June 2011 to 1 June 2012). Black line: 1:1 line, green line: fitted line.

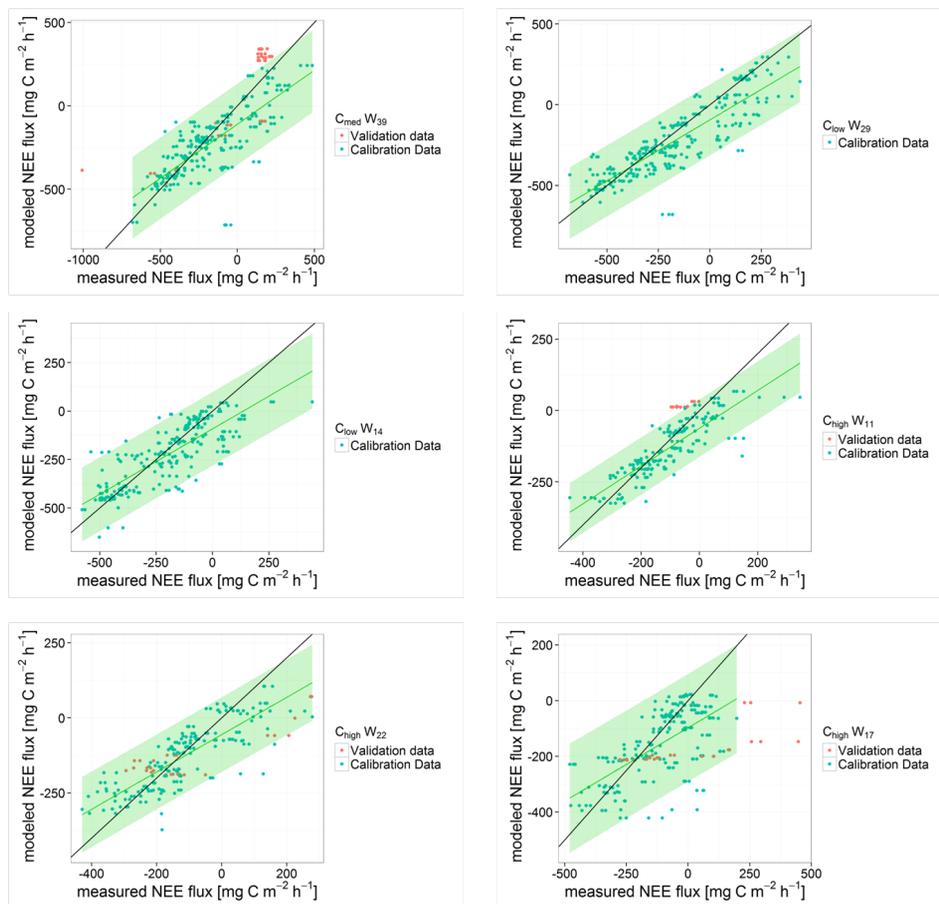


Fig. 4. FigS4B: Plots of measured NEE fluxes vs. modeled NEE fluxes of all measurement campaigns separated by site (1 June 2011 to 1 June 2012). Black line: 1:1 line, green line: fitted line.

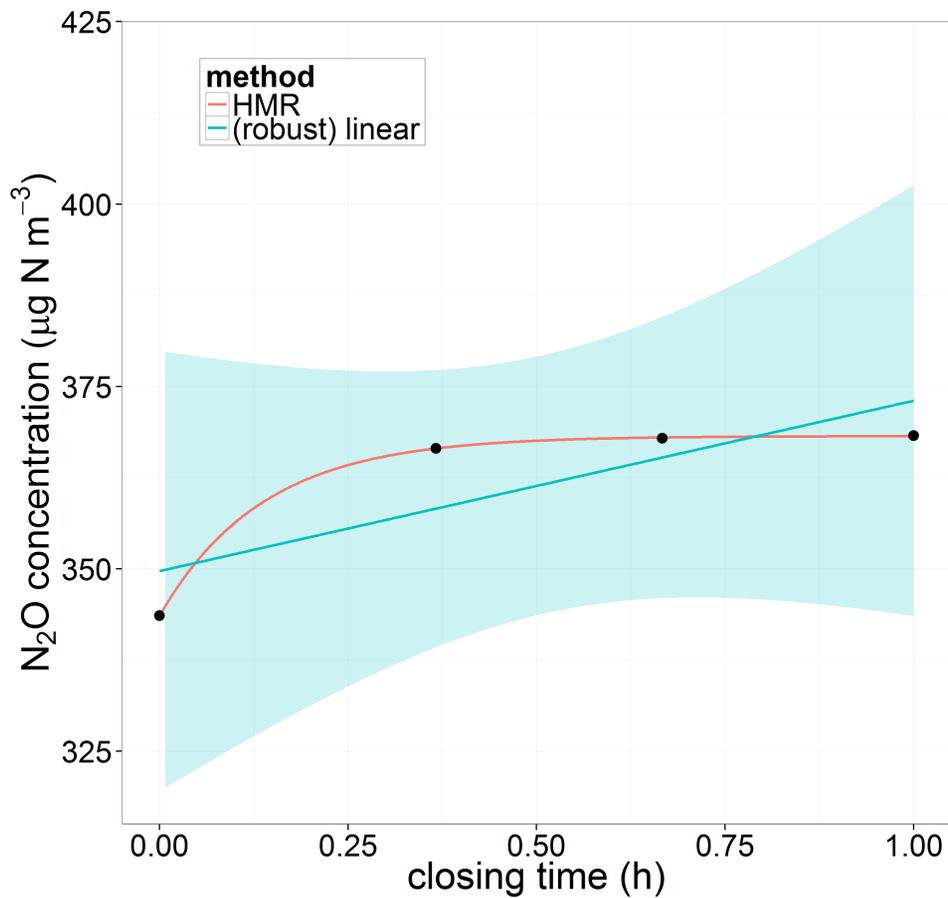
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Fig. 5. FigS5: : Example of a flux measurement where the non-linear fit severely overestimates the flux.

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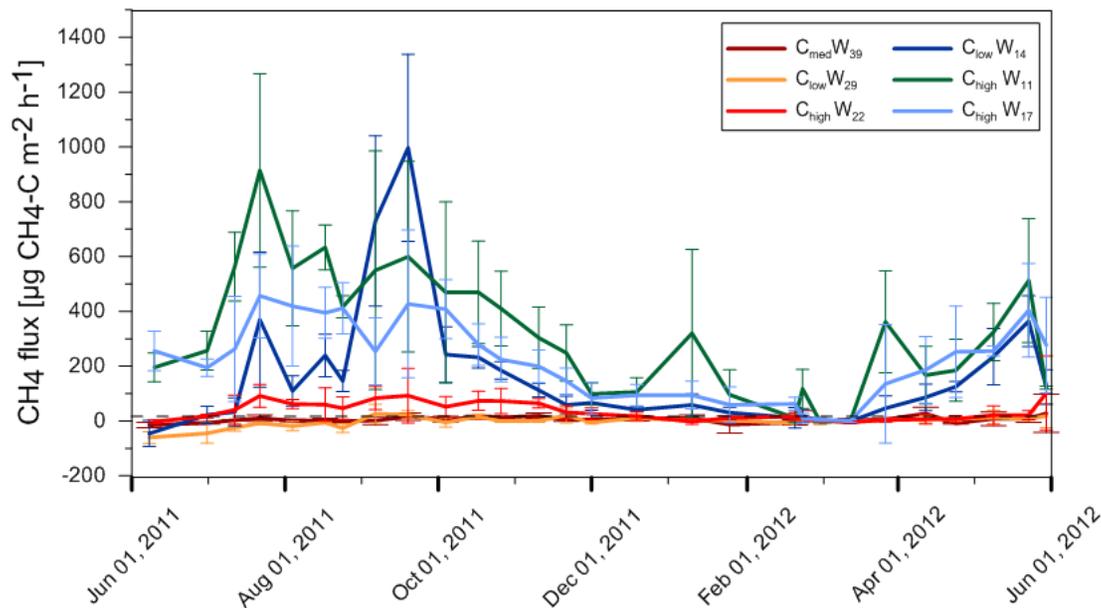
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Fig. 6. FigS6A: Annual time series of CH₄ fluxes at each site (June 1, 2011 - June 1, 2012). Error bars represent the heterogeneity between the three replicates

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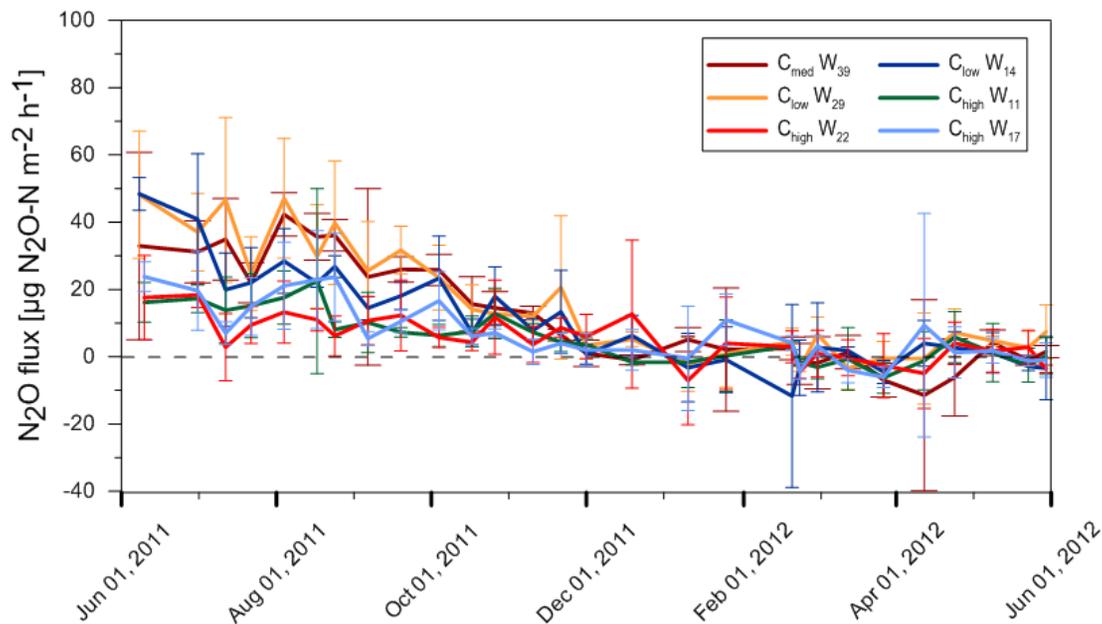
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Fig. 7. FigS6B: Annual time series of N₂O fluxes at each site (June 1, 2011 - June 1, 2012). Error bars represent the heterogeneity between the three replicates

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