

Interactive comment on “The greenhouse gas balance of a drained fen peatland is mainly controlled by land-use rather than soil organic carbon content” by T. Eickenscheidt et al.

Anonymous Referee #2

Received and published: 27 May 2015

The paper is well written and quite clear. I agree with the comments by the other referee but I have some additional comments. The data presented here is partly published in Eickenscheidt et al. 2014 in Biogeosciences. E.g. the Figure 7 in this manuscript is showing the same data than Fig 2 in Eickenscheidt et al. 2014. This is not mentioned in the legend or in the text. Line 48. Not all peatlands act as sinks for CO₂. Line 216-219. Does this mean that your data published in 2014 was incorrect? Line 218, give some information about the sampling (number of samples and sampling time) Line 238, fen = fan? Line 290, Line 313 plugging? Line 393, what was the mean WT level? Line 522, Most of the references listed here are from boreal peatlands, not from temperate peatlands! Line 541, Kasimir-Klemedtsson et al. is reporting fluxes from boreal soils!

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Interactive comment on Biogeosciences Discuss., 12, 5201, 2015.

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