

Interactive comment on “The impacts of drainage, nutrient status and management practice on the full carbon balance of grasslands on organic soils in a maritime temperate zone” by F. Renou-Wilson et al.

L. Elsgaard (Referee)

lars.elsgaard@agrsci.dk

Received and published: 13 June 2014

Dear Editor

Included please find my review of the manuscript by Renou-wilson et al. The manuscript represents a profound study of carbon balances and GHG emission in drained organic soils in Ireland, but the significance extends beyond this. The authors have included fluvial C losses in their carbon balances which is seldomly attempted in such studies. Notably the discussion is excellently written and enlightening. I have

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found a number of smaller issues and edits to be addressed; these are all highlighted in the attached document (please see the file: bg-2014-104-supplement.pdf). My main concerns are related to the daily data coverage which is not explicitly stated, and the focus on only spatial uncertainty (vs modelling uncertainty). Yet, I recommend the publication of the MS with minor revision and hope the included comments will help to improve the MS.

Best Regards Lars Elsgaard

Please also note the supplement to this comment:

<http://www.biogeosciences-discuss.net/11/C2452/2014/bgd-11-C2452-2014-supplement.pdf>

Interactive comment on Biogeosciences Discuss., 11, 5557, 2014.

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