

Interactive comment on “The full greenhouse gas balance of an abandoned peat meadow” by D. M. D. Hendriks et al.

Anonymous Referee #1

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MS-NR:bgd-2006-0066 Title: The full Greenhouse Gas Balance of an abandoned Peat Meadow Author(s): D. Hendriks, J. van Huissteden, A. Dolman, and K. van der Molen

This is a well-written paper. The research topic is scientifically sound and interesting, related to CO₂ fixation and CO₂ and CH₄ emission from the abandoned peat wetland. Totally, the experiments were well designed and the data are clean, although meteorological measurement technique might result in reducing the accuracy of CO₂ emission at night. I would recommend its publication in Biogeosciences with minor revisions.

A few small issues:

1. Although authors measured CH₄ concentration in the profile, there is no data in the part of Results. Please supplement.

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2. Page 293 line3 5-10, CH₄ emission from the tested peat is too strong as compared to other peat wetland in Europe. Authors could please give some reasons to explain this difference.

3. The tested peat is a sink of atmospheric C as authors measured, authors should also discuss it GWP.

Interactive comment on Biogeosciences Discuss., 4, 277, 2007.

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4, S137–S138, 2007

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