

Peer reviewed publications

- Van Huissteden, J., A.M.R. Petrescu, D.M.D. Hendriks, K.T. Rebel, C. Berrittella. Sensitivity analysis of a wetland methane emission model based on temperate and arctic wetland sites. Submitted to *Biogeosciences*, August 2009
- Chuixiang Y., et al. Climate control of terrestrial carbon exchange. Submitted to *Nature geosciences*, June 2009
- Hendriks, D.M.D., J. van Huissteden, A.J. Dolman, 2009. Multi-technique assessment of spatial and temporal variability of methane fluxes in a peat meadow. *Agricultural and Forest Meteorology*, doi:10.1016/j.agrformet.2009.06.017
- Hendriks, D.M.D., J. van Huissteden, A.J. Dolman. The effects of soil and vegetation characteristics on methane fluxes in a peat meadow. Submitted to *Ecohydrology*, February 2009.
- Parmentier, F.J.W., M.K. van der Molen, R.A.M. de Jeu, D.M.D. Hendriks and A.J. Dolman, 2008. CO₂ fluxes and evaporation on a peatland in the Netherlands appear not affected by water table fluctuations. *Agricultural and Forest Meteorology*, 149, 6-7, 1201-1208, doi:10.1016/j.agrformet.2008.11.007
- Hendriks, D.M.D., A.J. Dolman, M.K. van der Molen, and J. van Huissteden, 2008. A compact and stable eddy covariance set-up for methane measurements using off-axis integrated cavity output spectroscopy. *Atmospheric Chemistry and Physics*, 8, 431-443
- Dolman, A.J., Valentini, R., Groenendijk, M. Hendriks, D., 2008. Flux tower sites, state of the art, and network design, In: Dolman, A.J., Valentini, R. and Freibauer, A.: *Observing the continental scale greenhouse gas balance*, Chapter 8, Springer Ecological series
- Jacobs, C. M. J., A. F.G. Jacobs, F.C. Bosveld, D.M.D. Hendriks, A. Hensen, P.S. Kroon, E.J. Moors, L. Nol, A. Schrier-Uijl, and E.M. Veenendaal, 2007. Variability of annual CO₂ exchange from Dutch grasslands. *Biogeosciences*, 4, 803-816
- Hendriks, D.M.D., J. van Huissteden, A.J. Dolman, and M.K. van der Molen, 2007. The full greenhouse gas balance of an abandoned peat meadow. *Biogeosciences*, 4, 411-424