Interactive comment on “Eddy covariance for quantifying trace gas fluxes from soils” by W. Eugster and L. Merbold

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Received and published: 9 December 2014

Dear Authors,

Summarizing the reviewers comments and the earlier comments of the editors the authors overall give a comprehensive summary/review of the eddy-covariance technique from a soil science perspective. However, as also pointed out earlier the major question regarding the review is its benefit compared to existing text books on eddy-covariance. This weak point leads to the suggestion of the editorial board member J. Six and the technical editor to put some additional effort into “synthesizing” the current knowledge about EC for soil related issues. In their interactive answers to the reviewers comments the authors make clear that they are willing to rework the paper especially the synthesizing components and address a number of more specific comments of the reviewers. Hence, I am looking forward to read a revised version of the manuscript including a more elaborated synthesis.

Best regards

Peter Fiener (Technical Editor)