

15/11/15

To the Editors at Biogeosciences,

Re: Minor revisions to “Quantifying wind and pressure effects on trace gas fluxes across the soil-atmosphere interface”

Please find enclosed our minor revisions to the manuscript. We have incorporated a paragraph that details how we feel that this work may impact the broader field of trace gas flux measurements. We are pleased that the editor recognizes that this paper may provide an important contribution to the field, both through quantification of a common phenomenon and also through the larger implications to previous studies.

We have addressed the request of the editor (minor revisions- “it is important to address in a small paragraph in the discussion how your finding affects the enormous amount of published chamber data on GHG exchange”) through addition of a paragraph (in red, lines 473-485) that details implications to chamber fluxes and eddy covariance estimates of trace gas fluxes. We have also included a further reference (Massman and Lee, 2002; lines 549-550), relevant to the discussion.

We hope that you find this latest version addresses your concerns and look forward to the next steps in this process,

Sincerely,

Kelly Redeker, Andrew Baird, and Yit Teh