

***Interactive comment on “Experimental nitrogen, phosphorus, and potassium deposition decreases summer soil temperatures, water contents, and soil CO<sub>2</sub> concentrations in a northern bog” by S. Wendel et al.***

**R. Duursma (Editor)**

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Dear Authors,

based on Reviewer 1's comments, I decided not to find additional reviewers for your paper, since they would likely reach the same conclusion regarding the experimental design and its analysis. A number of measurements were only performed on one plot per treatment, and yet the same analysis (it appears) is performed on these data, as if there is replication. It is understandable that not all measurements could be performed

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on all subplots, but unfortunately this precludes them from being tested for a treatment effect (because the treatments are not replicated).

I suggest that you prepare a revision that simply focuses on those data that were formally replicated; this would also help to make the manuscript more concise and clear in its presentation.

regards, Remko Duursma

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Interactive comment on Biogeosciences Discuss., 7, 6589, 2010.

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