

Interactive comment on “Annual variation of methane emissions from forested bogs in West Siberia (2005–2009): a case of high CH₄ and precipitation rate in the summer of 2007” by M. Sasakawa et al.

Anonymous Referee #1

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The paper “Annual variation of methane emissions from forested bogs in West Siberia (2005–2009): a case of high CH₄ and precipitation rate in the summer of 2007” by M. Sasakawa et al., provides further evidence of tight correlation between climate variations and CH₄ emission in Siberian boreal forest zone. Although the biogeochemical mechanism governing this link is well studied, observations, particularly in the boreal zone of Siberia, are sparse. Data availability is one of the key factors limiting predictive modeling of the carbon emissions in the forested bogs. Continuous flux observations detailed in the paper contribute directly and efficiently to this goal, and gives sufficient

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argument for publishing this paper.

The paper is well written, although will benefit if the authors pay attention to few technical irregularities.

Page 27760, Abstract, line 12. What is CASA? Explanation is given further in the text, i.e. in section 2.2, but need to be here as well. Page 27766, line 1. Fix the misprint by replacing “. . .how that. . .” with “. . .show that. . .”. Conclusions summarize and largely repeat what is already written in the preceding sections, only the last sentence formulate a message following this study.

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