

Dear C. Slomp,

thank you for your comment and handling of the review process of the manuscript. In the first paragraph of the introduction of the manuscript we added the reference of (Katsev et al., 2006) to stress the importance of long-term P burial versus short-term immobilisation.

Best regards,

Matthias Rothe

References

Katsev, S., Tsandev, I., L'Heureux, I., and Rancourt, D. G.: Factors controlling long-term phosphorus efflux from lake sediments: Exploratory reactive-transport modeling, *Chem Geol*, 234, 127–147, doi:10.1016/j.chemgeo.2006.05.001, 2006.