

Interactive  
Comment

## ***Interactive comment on “Factors influencing CO<sub>2</sub> and CH<sub>4</sub> emissions from coastal wetlands in the Liaohe Delta, Northeast China” by L. Olsson et al.***

**Anonymous Referee #2**

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The paper is very good showing first time that deep-rooting aerenchymatous plants (Phragmites) can increase CH<sub>4</sub> emission even in saline conditions. In that condition, it would be interesting to add some expectations what would be the impact of reed harvesting which will stop the plant-mediated transport at least for some periods. Probably, the impact is not large because in Liaohe, only the dried-up reed for paper production (not green shoots) is harvested. What about using the green biomass of reed as a bioenergy source? Anyway, some discussion about possible mitigation of CH<sub>4</sub> emission (beside the water table management and saline water flooding which are already mentioned) is recommended.

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Interactive comment on Biogeosciences Discuss., 12, 3469, 2015.

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Discussion Paper

