

Interactive comment on “Temperature dependence of coastal wetland ecosystem respiration confounded by tidal activities: a temporal perspective” by X. Xie et al.

Anonymous Referee #2

Received and published: 15 July 2013

This manuscript describes a study of the confounding effects of temperature and hydrological condition on ecosystem respiration at different time scales. The authors studied two coastal wetland sites using three time scales (monthly, seasonal, and half-yearly) in order to build on other researchers' past comparisons of long-term and short-term models. I fully agree with Reviewer #1's comments. This work is novel and highly relevant, but the writing could be improved. As it is written, the manuscript is often difficult to understand, and I had to re-read sentences and infer their meaning in several cases. I think that once this work is edited for clarity, it can be a good contribution to the field.

Interactive comment on Biogeosciences Discuss., 10, 4515, 2013.

C3490