

Response to reviewer on “The impact of nitrogen and phosphorous limitation on the estimated terrestrial carbon balance and warming of land use change over the last 156yr” by Q. Zhang et al.

We are very grateful for the constructive comments from the reviewer. We have revised the manuscript by carefully taking account of all his/her comments and suggestions. The reviewer’s comments are in blue, our answers below.

This manuscript is in very good shape, except that Figures 1 and 5 did not come through in my version. Otherwise I found this well written.

Agreed and thanks. The printing problem of Figures 1 and 5 has been checked with associated editor.

I have the following, very minor, specific comments:

1) Abstract line 12: I found myself a bit confused in the transition from one sentence to the next, so I recommend replacing "In particular" with "Shown as corresponding fluxes"

Agreed and changed. See P1, L26.

2) Section 2.1 line 8: Please change "vertical levels" (often used, but it’s a contradictory term) to "levels in the vertical"

Agreed and changed. See P4, L10.

3) Section 2.2: Change "Mahowalh" to "Mahowald"

Agreed and changed. See P5, L24.