

Dear editors,

It is a great honor to know that the manuscript is now accepted for publication in your journal. Thank you very much for all the efforts of yours and the reviewers to improve the manuscript.

The final version of the manuscript has been revised according to your comments. The point-to-point response is listed below.

"P1, L19: nitrate and phosphate concentrations"

The change has been made accordingly.

P1, L20: partial pressure of CO₂ (pCO₂)

The change has been made accordingly.

P3, L15–16: nutrient level

The wording of "nutrient concentration" has been revised to "nutrient level".

P3, L22: the magnitude of changes in each environmental driver

The word "of" has been changed to "in".

P5, L8: Add a space between \pm and 0.

The space has been added.

P11, L22: "E. huxleyi" should be italic.

"E. huxleyi" is now italic.

Thank you again and look forward to hearing back from you soon.

Sincerely yours,

Yuanyuan Feng and the co-authors