

Geosci. Model Dev. Discuss., author comment AC4  
<https://doi.org/10.5194/gmd-2021-58-AC4>, 2021  
© Author(s) 2021. This work is distributed under  
the Creative Commons Attribution 4.0 License.

## **Reply on RC3**

Pedro Duarte et al.

---

Author comment on "The importance of turbulent ocean–sea ice nutrient exchanges for simulation of ice algal biomass and production with CICE6.1 and Icepack 1.2" by Pedro Duarte et al., Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2021-58-AC4>, 2021

---

We would like to thank the referee for the constructive comments and critics that we used in the revised manuscript as detailed in the attached file.

Please also note the supplement to this comment:

<https://gmd.copernicus.org/preprints/gmd-2021-58/gmd-2021-58-AC4-supplement.pdf>