

Earth Syst. Dynam. Discuss., author comment AC3  
<https://doi.org/10.5194/esd-2022-44-AC3>, 2022  
© Author(s) 2022. This work is distributed under  
the Creative Commons Attribution 4.0 License.

## Reply on RC2

Aobo Liu et al.

---

Author comment on "PInc-PanTher estimates of Arctic permafrost soil carbon under the GeoMIP G6solar and G6sulfur experiments" by Aobo Liu et al., Earth Syst. Dynam. Discuss., <https://doi.org/10.5194/esd-2022-44-AC3>, 2022

---

We would like to thank the Anonymous Referee #2 for all the constructive comments and valuable suggestions on the previous version of the manuscript, which have helped us to improve the quality of the manuscript. We have brought in more discussion on the more polar-targeted injection schemes that have been published and emphasized the difference with the G6 tropical injections. For each question and comment, we gave point-by-point response and made additions and revisions to the manuscript. Please see the attached response.

Please also note the supplement to this comment:

<https://esd.copernicus.org/preprints/esd-2022-44/esd-2022-44-AC3-supplement.pdf>