

I believe that the authors have done a great job revising the manuscript. I have only a couple of technical comments below.

1. P. 3 L. 21: The equation is mathematically incorrect. If an error term is included on the right-hand side, then the appropriate error terms have to be included on the left-hand side too.
2. P. 5 L. 12: in simulate O<sub>2</sub> fields → in simulated O<sub>2</sub> fields
3. P. 8 L. 32: <sub>2</sub>O flux → O<sub>2</sub> flux