

The response from the authors to my review resolved my major concern about the manuscript. After reading the response from the authors to the reviews and the revised manuscript I still have the following questions concerning the parameters D , D_i and D_f :

1. What is the relation between D_i (only used in Eq. 1) and D and/or D_f ?
2. What is D , a diffusion coefficient with the dimension L^2T^{-1} as suggested by Eq. (2) and line 200, or a flux as suggested in line 194 (salinity \times velocity)?

I hope that the authors can resolve these issues before the manuscript is published.