

Geosci. Model Dev. Discuss., editor comment EC1  
<https://doi.org/10.5194/gmd-2020-438-EC1>, 2021  
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## Reply on AC3

Sandra Arndt (Editor)

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Editor comment on "Plume spreading test case for coastal ocean models" by Vera Fofonova et al., Geosci. Model Dev. Discuss.,  
<https://doi.org/10.5194/gmd-2020-438-EC1>, 2021

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Dear Authors,

reviewer 2 posted a comment on your reply before the interactive discussion closed, but has mistakenly used the abusive comment reporting to provide their feedback. Please find their feedback below and please also respond to the feedback in your revised submission.

*"I don't think authors have read these references. Clearly Xia 2007 discussed how the numerical schemes impact the plume dynamics, and this submission has overlap with other references. Ideal experiments is very simple, and plume should be investigated with realistic as well. Under the strong river runoff, most mixing scheme won't work well."*

Thank you, Sandra Arndt