

Solid Earth Discuss., referee comment RC3
<https://doi.org/10.5194/se-2021-77-RC3>, 2021
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Comment on se-2021-77

Thomas Voigt (Referee)

Referee comment on "Deep vs shallow – two contrasting theories? A tectonically activated Late Cretaceous deltaic system in the axial part of the Danish-Polish Trough; a case study from SE Poland" by Zbyszek Remin et al., Solid Earth Discuss.,
<https://doi.org/10.5194/se-2021-77-RC3>, 2021

I like the paper very much, because a new inversion structure was discovered - with really good arguments. It would suggest, to separate the interpretation of facies from the provenance chapter. This is too much and not necessary; additionally not well-supported by data.

Please add some general notes to the basin which starts to my knowledge not with the Campanian...

figures are nice; the last figure should be polished, because the distribution of land and sea is not in a modern way.

The English is good from my (German) side, I found only few mistakes, but the paper will be checked finally by an English expert.

Interpretation of the depositional environment is too much focused on a delta. I would suggest to take also a normal shelf environment into consideration.

Please also note the supplement to this comment:

<https://se.copernicus.org/preprints/se-2021-77/se-2021-77-RC3-supplement.pdf>