

Solid Earth Discuss., author comment AC3
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Reply on RC3

Zbyszek Remin et al.

Author comment on "Deep vs shallow – two contrasting theories? A tectonically activated Late Cretaceous deltaic system in the axial part of the Mid-Polish Trough; a case study from SE Poland" by Zbyszek Remin et al., Solid Earth Discuss.,
<https://doi.org/10.5194/se-2021-77-AC3>, 2021

I like the paper very much, because a new inversion structure was discovered - with really good arguments.

Thank you.

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.

This is done to make the paper more reader-friendly. We even considered skipping some provenance data as suggested by the Reviewer – indeed they start a completely new story and are not so necessary for the general output and the present manuscript.

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

It is done – such informations are provided in the final version. Similar comments were provided by Anonymous Referee so these comments are conspecific and necessary information is already added.

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

It is done.

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

In any way the manuscript was corrected by the native speaker – Jordan Todes (University of Chicago).

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

We accept this suggestion and in the discussion part we provided additional data and other opportunities – not only delta but also the comparison is made to some near-shore or shelf-type deposits.

We have also addressed all additional, more precise suggestions provided in the annotated pdf.