

# ***Interactive comment on “Upper Jurassic carbonate buildups in the Miechów Trough, Southern Poland – insights from seismic data interpretation” by Łukasz Słonka and Piotr Krzywiec***

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Authors response to Reviewer 2 (RC2):

We would like to thank Tadeusz Peryt for his valuable corrections of our manuscript. We will address below to your key comments/suggestions:

For lines 75 and 85 change from “Late Cretaceous” to “late Cretaceous” was suggested for the age of the inversion and related formation of the Szczecin-Łódź-Miechów Synclorium. In our paper, we adopted terminology from the International Chronostrati-

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graphic Chart (<http://www.stratigraphy.org/index.php/ics-chart-timescale>) and general rules provided by the International Commission on Stratigraphy, so, accordingly, series and epoch were written by uppercase. It has been well established in the literature that inversion of the Southern part of the Polish Basin embraced Turonian - Maastrichtian, so “Late” rather than “late” was used in our text and we still think that this was correct approach.

Figure 3 – we agree that the citation of maps should be chronological. In the Figure 3, only the position of the Northern boundary of the Miocene deposits of the Carpathian foredeep basin was used from the map of Zytko et al., (1988). The rest of this map is based on Dadlez et al., (2000) and is not based on the map by Zytko et al., (1988). Therefore, we decided to modify this map and to move reference to Zytko et al., 1998 from the figure caption to the map legend.

Figure 4 – yes, we have missed “HST” here, it was added in the corrected version of this figure.

Finally, we followed and agreed with all other comments and suggested corrections., and we provided a specific list of all the changes made in manuscript in the additional file, as a supplement to our response.

Once again, thank you for all your suggestions and corrections. They greatly improved our paper and increased its quality.

Łukasz Słonka (on behalf of the authors)

Please also note the supplement to this comment:

<https://www.solid-earth-discuss.net/se-2019-178/se-2019-178-AC2-supplement.pdf>

Interactive comment on Solid Earth Discuss., <https://doi.org/10.5194/se-2019-178>, 2019.

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