

Interactive comment on “The Zone of Influence: Matching sea level variability from coastal altimetry and tide gauges for vertical land motion estimation” by Julius Oelmann et al.

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We thank Alvaro Santamaría-Gómez for his very constructive and positive comments, which are extremely valuable for improving the manuscript. In response to the comments, we performed additional computations and integrated the associated results. In order to refine some of our messages and to make the manuscript clearer, we reformulated explanations or interpretations of the data at several positions in the text.

On behalf of all authors,

Julius Oelmann

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Please also note the supplement to this comment:

<https://os.copernicus.org/preprints/os-2020-29/os-2020-29-AC1-supplement.pdf>

Interactive comment on Ocean Sci. Discuss., <https://doi.org/10.5194/os-2020-29>, 2020.

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