

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

**Julius Oelsmann et al.**

julius.oelsmann@tum.de

Received and published: 27 August 2020

We thank Christopher Watson for his very helpful and comprehensive comments and his profound corrections. His remarks pointed out several vital aspects, which were so far missing or insufficiently covered in the manuscript. In response to his comments, we added more precise explanations, specified technical details and discussed the results much more thoroughly. Inclusion of these aspects greatly helps to enhance the manuscript and makes it more comprehensible and complete.

On behalf of all authors, Julius Oelsmann

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Please also note the supplement to this comment:

<https://os.copernicus.org/preprints/os-2020-29/os-2020-29-AC2-supplement.pdf>

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

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