

Interactive  
comment

# ***Interactive comment on “Inverse Gaussian distribution of wave set-up heights along a shoreline with complicated geometry” by Tarmo Soomere and Katri Pindsoo***

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We very much appreciate the overall positive attitude of referee to our manuscript and thank him or her for particularly useful comments. Please find below the detailed reply to each point raised by the referee. The comments, questions and suggestions of the referee are presented in *italics*.

Referee 2

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Referee #1 also made this point. We agree that the material of the paper is too compressed in many sections and additional information and explanations will make it more clear and transparent.

ESDD

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Interactive comment

- /—/ *The next (but difficult) step would be some field measurements to compare to the model results.*

This is also our hope – to arrange measurements of wave set-up in some hot spots of the study area. Today we have to rely on anecdotal evidence.

- /—/ *There are numerous grammatical errors that need to be corrected. /—/ they are too numerous /—/ I ask that the authors review their axis labels and figure captions. E.g. Figure 2 - should the y axis be 'onshore' and it is not a /*

Thank you for indicating these issues, we shall correct them in the revised version.

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Interactive comment on Earth Syst. Dynam. Discuss., doi:10.5194/esd-2016-76, 2017.

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