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Comment

# ***Interactive comment on “Reduction of maximum tsunami run-up due to the interaction with beachfront development – application of single sinusoidal waves” by N. Goseberg***

**Anonymous Referee #1**

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The article represents a valuable set of data on the effect of beach development on the long wave runup. The data can be used both for code validation and the prediction of tsunami runup.

Few corrections are suggested before the paper can be accepted:

In Figs. 10, 11, and 12, indication of the runup level with no MR (zero obstruction ratio) would be useful. The point of zero obstruction may (or may not) be included when polynomial fits are calculated.

Figs. 15, 16 should be interpreted in more detail to explain the increase of the surface

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elevation in the presence of MR. This looks expected as the water holds up by the MR elements during the wave retraction phase but the explanation would help.

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 1, 1119, 2013.

**NHESSD**

1, C335–C336, 2013

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