

## ***Interactive comment on* “Best index related to the shoreline dynamics during a storm: the case of Jesolo beach” by R. Archetti et al.**

**R. Archetti et al.**

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The authors thank Anonymous Referee 2 for his valuable comments and suggestions, which will be considered in the revised version of the paper, and certainly will improve its overall quality. In section 4 we have identified a large number of events, but we agree that only some of them are extreme storms. We are considering the valuable suggestion to identify the two populations of data in the analysis (low energy and high energy events), highlighting that high energy events show small scatter and uncertainty. We will better remark in the revised version of the paper that the stretch of beach analyzed is not a pocket beach; in fact we have estimated only the retreats and advancements of the shoreline and not the rotation. The initial shoreline position will be included in the analysis by adding a dedicated column in Tab. 1.

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 3, 7089, 2015.

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