

Interactive comment on “Coastline evolution based on statistical analysis and modelling” by Elvira Armenio et al.

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We would like to thank you for your positive comments and helpful suggestions about the modifications necessary for the revision of our paper. All the changes made in the paper are reported in green color. Following your hints, we have added, in the Introduction section (on page 1), some comments with reference to the recent research on the dynamics evolution in transitional environments as the coastal areas. In particular, we referred to the paper “River processes and links between fluvial and coastal systems in a changing climate”, *Advances in Water Resources* (Termini, 2018). In the Result section, according to your suggestion, we have added a map (Figure 4 on page 9) which more clearly shows the accretion and retreat areas in Cell I, Cell II and Cell III during the observation period. Finally, in the Numerical analysis results

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and discussion section, we have added a comment, on page 21, to better explain the computation of the relative error with reference to averaged transects for the northern, the central and the southern sector.

Please also note the supplement to this comment:

<https://www.nat-hazards-earth-syst-sci-discuss.net/nhess-2018-239/nhess-2018-239-AC2-supplement.pdf>

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2018-239>, 2018.

