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Title: Coastal erosion caused by river mouth migration on cusped delta: An example from Thanh Hoa, Vietnam

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General comments: In this study the long-term configuration of Ma River mouth in Thanh Hoa Province, Central Vietnam has been investigated using Landsat imagery from 1987 to 2023. An analytical solution of one-line model for shoreline change was also employed to calculate the sand discharge from Ma River as well as the diffusion coefficient for sand transported along-shore by breaking waves. The present version cannot be accepted unless all the following issues are well addressed.

Specific comments:

- (1) In the Abstract, although the research background and the research methodologies have been well introduced, the main research findings are advised to be properly presented therein to better attract the reader's attention and interest.
- (2) There exists a main issue in the Introduction section. Most literatures shown in the manuscript are quite old. In addition, in recent years, it has been found that the coastal long-period waves are closely related to the coastal erosion (e.g., *Mechanism analysis on the mitigation of harbor resonance by periodic undulating topography. Ocean Engineering, 2023, 281: 114923; *Investigation on the effects of Bragg reflection on harbor oscillations. Coastal Engineering, 2021, 170: 103977). These latest studies are closely related to the present study and should be properly mentioned therein so as to significantly increase the number and interest of readers.
- (3) All variables in the main text and in figures/tables should be italicized. This problem exists in the main text and in many figures and tables. In addition, the quality/format of the figures/tables needs to be significantly improved.
- (4) In the conclusion part, although some conclusions are obtained. Readers are also interested in the implications of these conclusions for practical projects/coastal

protections. So, it would be better to summarize a few implications to guide for practical projects/coastal protections.

All in all, the present version needs to be significantly improved before it can be published.