

## ***Interactive comment on “Coastal vulnerability assessment: through regional to local downscaling of wave characteristics along the Bay of Lalzit (Albania)” by F. De Leo et al.***

### **Anonymous Referee #2**

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This paper deals with coastal vulnerability assessment at a coastal area in Albania. The topic of this article is relevant for the Journal and for the Scientific audience, even more when climate change will have a strong impact worldwide.

Despite the title of the article appears to be a case study, after reading the manuscript it is focused on the enhancement of one of the key aspects that should be carefully study in the near future: global or regional scenarios must be properly transform to the study site if we want to achieve relevant and close to reality results and conclusions. This transformation depends, among other things, on the quality of the data, and in some cases this information is not available.

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The paper is written clearly and the formulations and methodology are up-to-date, with particular emphasis on the propagation of the wave climate. The figures are of nice quality and results and discussion sections are written clearly. I found the discussion section very enlightening. I only suggest revising the references (i.e. line 7 "Oscar Ferreira").

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