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## **Comment on nhess-2021-224**

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Community comment on "Characteristics and coastal effects of a destructive marine storm in the Gulf of Naples (southern Italy)" by Gaia Mattei et al., Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2021-224-CC1>, 2021

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The paper analyses a storm event that occurred in the winter of 2020 along the Tyrrhenian Sea, not extremely intense, but which occurred in conjunction with factors that have increased the phenomenon. The authors analysed it on the coast of the Gulf of Naples, in order to understand the effects on the buildings and on the population.

The work is quite interesting and enough relevant to the editorial lines of the journal. The structure of the different paragraphs is also clear and well placed. Anyway, I have three general suggestions

- The introduction, although quite exhaustive, should be updated with some dissertation about the effects of the wave climate on erosion events;
- The authors should try to emphasize more clearly the importance of this study in the international context. This is a fairly local report, the authors should point out why this kind of study can be useful to an international audience;
- I would propose to take in consideration the section addition regarding the general wave climate of the Gulf of Naples, not only about the wind reconstruction. This can give readers the possibility to better understand the importance of event analysed in the paper (in terms of return periods) in comparison the general wave climate of the area.

Other minor considerations:

- In some figures (for example Fig. 9 and Fig. 10) the North arrow is missing;
- a general paper check is suggested, both to improve the English and to correct some typos.