

Interactive comment on “Fast evaluation of tsunami scenarios: uncertainty assessment for a Mediterranean Sea database” by I. Molinari et al.

I. Molinari et al.

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Dear Editor,

we have read and discussed the comments and recommendations in the two reviews, and we appreciated all the useful remarks and suggestions. We accepted most of the suggestions and we have addressed all the comments, and in the revised version of our paper.

We would like to point out that, further than the suggested modifications, we made some progress in the reconstruction method of the initial displacement field that we added to the revised paper that we are now submitting. For this reason, there is now a new paragraph (“Improvement of the initial field reconstruction”). This new part allows us to obtain an unbiased distribution of the misfit and, in our opinion, this strengthens

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the structure of the paper. We also slightly modified our discussion/conclusions accordingly to the new findings. We posted the response letters in which we reply point by point to each of the comment from the two reviews. We hope that these efforts will make the manuscript considered for publication. We also provide a version of the manuscript where all modifications have been evidenced.

We look forward to hearing from you.

Thank you for your assistance

Sincerely,

Irene Molinari, on the behalf of the authors

Please also note the supplement to this comment:

<http://www.nat-hazards-earth-syst-sci-discuss.net/nhess-2016-145/nhess-2016-145-AC3-supplement.pdf>

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., doi:10.5194/nhess-2016-145, 2016.

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